	Pictorial index	Search by illustration
1	**For safety and security**	Make sure to read through them
2	**Instrument cluster**	How to read the gauges and meters, the variety of warning lights and indicators, etc.
3	**Operation of each component**	Opening and closing the doors and windows, adjustment before driving, etc.
4	**Driving**	Operations and advices which are necessary for driving
5	**Interior features**	Usage of the interior features, etc.
6	**Maintenance and care**	Caring for your vehicle and maintenance procedures
7	**When trouble arises**	What to do in case of malfunction or emergency
8	**Vehicle specifications**	Vehicle specifications, customizable features, etc.
	Index	Search by symptom
		Search alphabetically

For your information 8
Reading this manual.....12
How to search 13
Pictorial index.....14

1 For safety and security

1-1. For safe use
Before driving.....34
For safety drive 36
Seat belts.....38
SRS airbags.....46
Airbag manual on-off system 56
Safety information for children 58
Child restraint systems 59
Installing child restraints 67
Exhaust gas precautions 80

1-2. Hybrid system
Hybrid system features 81
Hybrid system precautions 85

1-3. Theft deterrent system
Immobilizer system 91
Double locking system.....96
Alarm 97

2 Instrument cluster

2. Instrument cluster
Warning lights and indicators..... 104
Gauges and meters..... 109
Multi-information display..... 118
Head-up display 126
Energy monitor/ consumption screen..... 131

3 Operation of each component

3-1. Key information
Keys 138

3-2. Opening, closing and locking the doors
Side doors 142
Back door 146
Smart entry & start system..... 151

3-3. Adjusting the seats
Front seats 165
Second seats 169
Third seats 174
Head restraints..... 177

3-4. Adjusting the steering wheel and mirrors
Steering wheel 180
Inside rear view mirror 182
Outside rear view mirrors 184
3-5. Opening and closing the windows
Power windows.....186

4 **Driving**

4-1. Before driving
Driving the vehicle 190
Cargo and luggage 198
Trailer towing 200
4-2. Driving procedures
Power (ignition) switch.....201
EV drive mode 206
Hybrid transmission 208
Turn signal lever 213
Parking brake.....214
4-3. Operating the lights and wipers
Headlight switch 215
Fog light switch 218
Windshield wipers and washer 219
Rear window wiper and washer 223
4-4. Refueling
Opening the fuel tank cap 224
4-5. Using the driving support systems
Cruise control 227
Dynamic radar cruise control 231
Driving mode select switch 247
Driving assist systems..... 248
PCS (Pre-Crash Safety system) 254
4-6. Driving tips
Hybrid vehicle driving tips 262
Winter driving tips..... 265

5 Interior features

5-1. Using the air conditioning system and defogger

Automatic air conditioning system 270

Using the steering wheel climate remote control switches 278

Seat heaters 279

5-2. Using the interior lights

Interior lights list 280

- Front interior light 281
- Front personal lights 281
- Rear interior light 282

5-3. Using the storage features

List of storage features 283

- Glove boxes 284
- Console box 284
- Cup holders/ bottle holders/ door pockets 285
- Auxiliary boxes 287
- Card holders 288

Luggage compartment features 289

5-4. Using the other interior features

Other interior features 292

- Sun visors 292
- Vanity mirrors 292
- Clock 293
- Power outlet 294
- Assist grips 295
- Panoramic roof shades 296
- Rear sunshades 298

6 Maintenance and care

6-1. Maintenance and care

Cleaning and protecting the vehicle exterior 300

Cleaning and protecting the vehicle interior 305

6-2. Maintenance

Maintenance requirements 308

6-3. Do-it-yourself maintenance
Do-it-yourself service precautions 311
Hood 313
Positioning a floor jack.....315
Engine compartment.....317
12-volt battery 327
Tires.....331
Tire inflation pressure 343
Wheels.....345
Air conditioning filter 347
Wiper rubber replacement.....349
Electronic key battery 351
Checking and replacing fuses 353
Light bulbs 357

7 **When trouble arises**

7-1. Essential information
Emergency flashers 368
If your vehicle has to be stopped in an emergency.....369

7-2. Steps to take in an emergency
If your vehicle needs to be towed 370
If you think something is wrong 375
If a warning light turns on or a warning buzzer sounds 376
If a warning message is displayed..... 388
If you have a flat tire (vehicles with a spare tire)..... 404
If you have a flat tire (vehicles without a spare tire)..... 418
If the hybrid system will not start 435
If the electronic key does not operate properly..... 437
If the 12-volt battery is discharged 439
If your vehicle overheats 444
If the vehicle becomes stuck..... 449

8 **Vehicle specifications**

8-1. Specifications
Maintenance data (fuel, oil level, etc.).....452
Fuel information 463
8-2. Customization
Customizable features 465
8-3. Initialization
Item to initialize 471

Index

What to do if... (Troubleshooting) 474
Alphabetical index 478

For vehicles with a navigation system, refer to the “Navigation and multimedia system Owner’s Manual” for information regarding the equipment listed below.

- Navigation system
- Audio/visual system
- Toyota parking assist monitor

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 color and 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.

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
- Dynamic radar cruise control system
- Cruise control system
- Anti-lock brake system
- SRS airbag system
- Seat belt pretensioner system

Be sure to check with any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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 dealer or repairer, or another duly qualified and equipped professional.

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).

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 any authorized Toyota dealer or repairer, or another duly qualified and equipped professional before you scrap your vehicle.



Your vehicle contains batteries and/or accumulators. Do not discard them into the environment but cooperate with separate collection (Directive 2006/66/EC).

⚠ 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 or other features of the vehicle. In addition, heat build-up or extremely cold temperatures inside the vehicle can be fatal to children.

Reading this manual

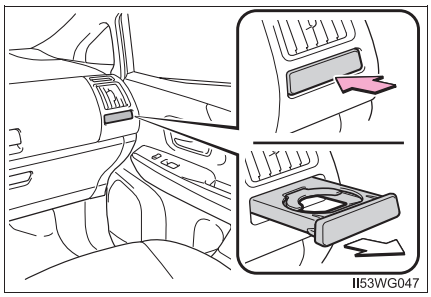
WARNING:
Explains something that, if not obeyed, could cause death or serious injury to people.

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.

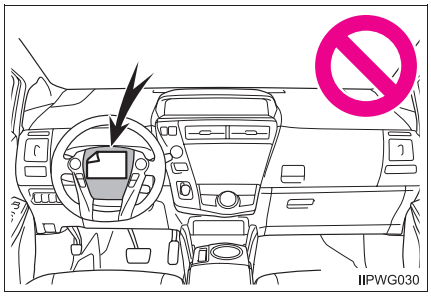
Indicates the action (pushing, turning, etc.) used to operate switches and other devices.

Indicates the outcome of an operation (e.g. a lid opens).



Indicates the component or position being explained.

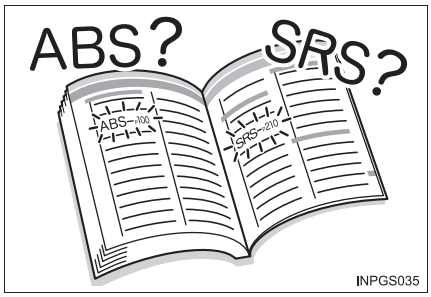
Means “Do not”, “Do not do this”, or “Do not let this happen”.



How to search

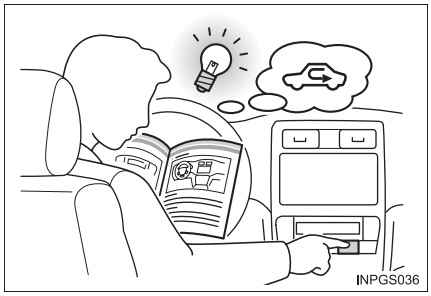
■ **Searching by name**

• Alphabetical index ..... P. 478



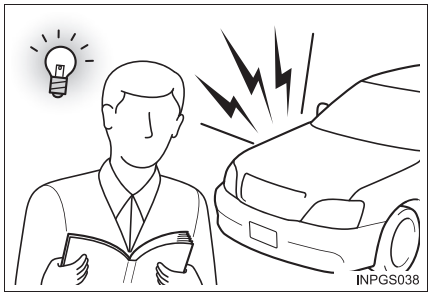
■ **Searching by installation position**

• Pictorial index..... P. 14



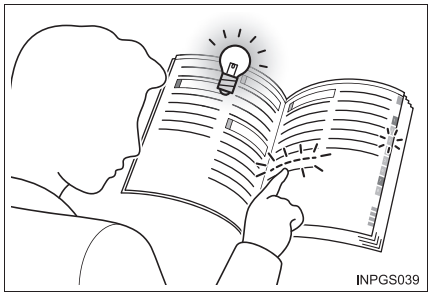
■ **Searching by symptom or sound**

• What to do if... (Troubleshooting) ..... P. 474



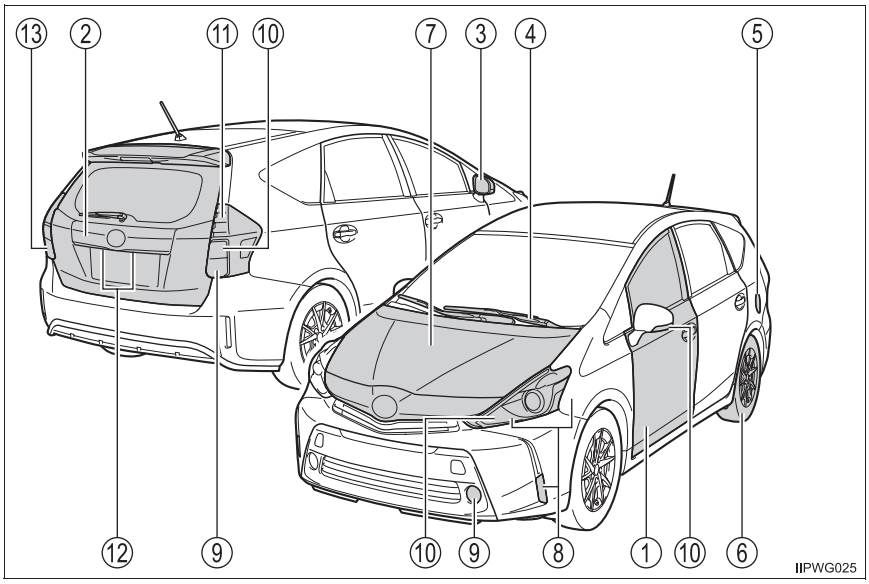
■ **Searching by title**

• Table of contents ..... P. 2



Pictorial index

Exterior



① **Side doors . . . . . P. 142**
Locking/unlocking . . . . . P. 142
Opening/closing the door glasses . . . . . P. 186
Locking/unlocking by using the mechanical key . . . . . P. 437
Warning lights . . . . . P. 380

② **Back door . . . . . P. 146**
Opening from outside . . . . . P. 146
Warning lights . . . . . P. 380

③ **Outside rear view mirrors . . . . . P. 184**
Adjusting the mirror angle . . . . . P. 184
Folding the mirrors. . . . . P. 184
Defogging the mirrors . . . . . P. 273

④ **Windshield wipers . . . . . P. 219**
Precautions against winter season . . . . . P. 265
Precautions against car wash . . . . . P. 302

⑤ **Fuel filler door . . . . . P. 224**
Refueling method . . . . . P. 224
Fuel type/fuel tank capacity . . . . . P. 455

⑥ **Tires . . . . . P. 331**
Tire size/inflation pressure . . . . . P. 461
Winter tires/tire chain . . . . . P. 265
Checking/rotation/tire pressure warning system . . . . . P. 331
Coping with flat tires . . . . . P. 404, 418

⑦ **Hood . . . . . P. 313**
Opening . . . . . P. 313
Engine compartment cover . . . . . P. 318
Engine oil . . . . . P. 455
Coping with overheat . . . . . P. 444

Light bulbs of the exterior lights for driving
(Replacing method: P. 357, Watts: P. 462)

⑧ **Headlights/front position lights/ daytime running lights . . . . . P. 215**

⑨ **Front fog lights/rear fog light* . . . . . P. 218**

⑩ **Turn signal lights . . . . . P. 213**

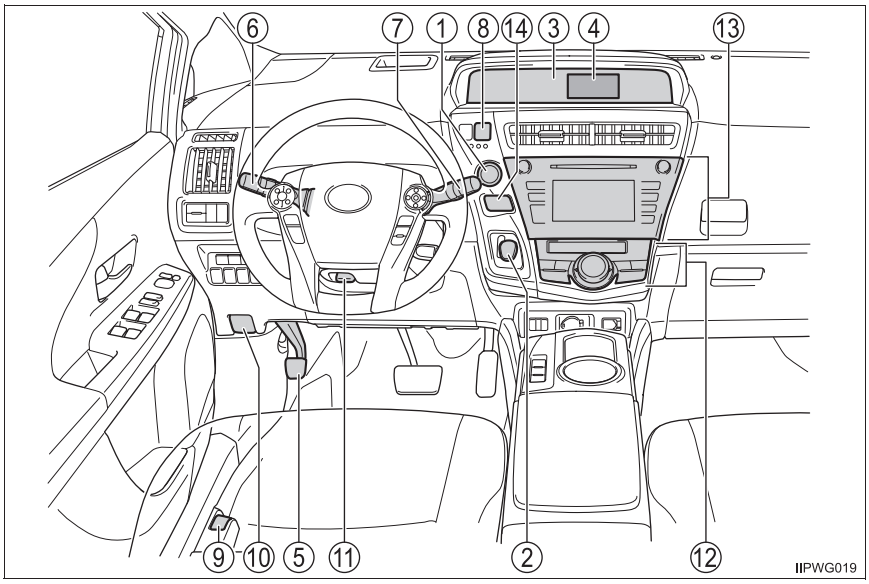
⑪ **Stop/tail lights**
Hill-start assist control . . . . . P. 249

⑫ **License plate lights . . . . . P. 215**

⑬ **Back-up light***
Shifting the shift lever to R . . . . . P. 208

*: They may be located on the opposite side depending on the target region.

Instrument panel (Left-hand drive vehicles)



① **Power switch . . . . . P. 201**
Starting the hybrid system/changing the modes . . . . . P. 201, 203
Emergency stop of the hybrid system . . . . . P. 369
When the hybrid system will not start . . . . . P. 435
Warning messages . . . . . P. 400

② **Shift lever . . . . . P. 208**
Changing the shift position . . . . . P. 208
Precautions against towing . . . . . P. 370

③ **Meters . . . . . P. 109**
Reading the meters/adjusting the instrument cluster light . . . . . P. 109, 112
Warning lights/indicator lights . . . . . P. 104
When the warning lights come on . . . . . P. 376

④ **Multi-information display*1 . . . . . P. 118**
Display . . . . . P. 118
Energy monitor . . . . . P. 120, 131
When the warning messages are displayed . . . . . P. 388

⑤ **Parking brake . . . . . P. 214**
Applying/releasing . . . . . P. 214
Precautions against winter season . . . . . P. 265
Warning buzzer . . . . . P. 376

⑥ **Turn signal lever . . . . . P. 213**
Headlight switch . . . . . P. 215
Headlights/front position lights/tail lights/
daytime running lights . . . . . P. 215
Front fog lights/rear fog light . . . . . P. 218

⑦ **Windshield wiper and washer switch . . . . . P. 219, 223**
Usage . . . . . P. 219, 223
Adding washer fluid . . . . . P. 325

⑧ **Emergency flasher switch . . . . . P. 368**

⑨ **Fuel filler door opener . . . . . P. 226**

⑩ **Hood lock release lever . . . . . P. 313**

⑪ **Tilt and telescopic steering lock release lever . . . . . P. 180**

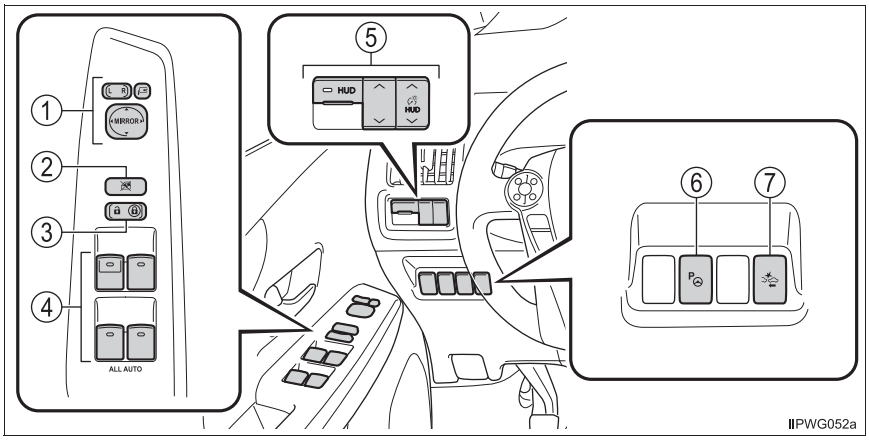
⑫ **Air conditioning system . . . . . P. 270**
Usage . . . . . P. 270
Rear window defogger . . . . . P. 273

⑬ **Audio system*2**

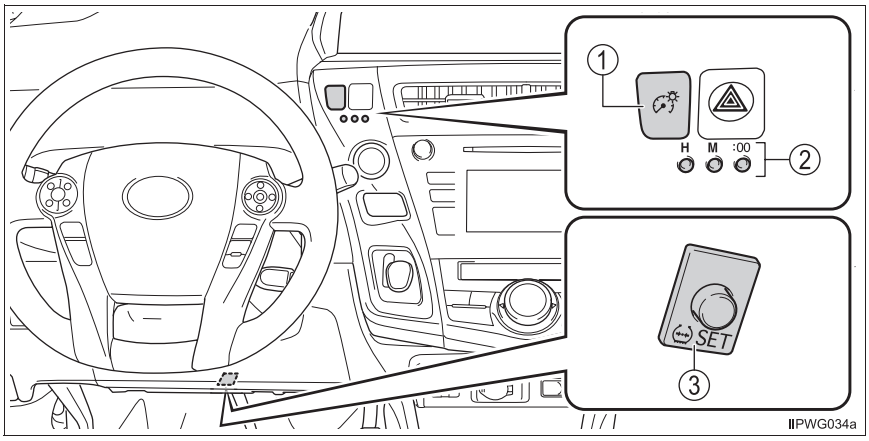
⑭ **P position switch . . . . . P. 209**

*1: If equipped
*2: Refer to “Navigation and multimedia system Owner’s Manual”.

Switches (Left-hand drive vehicles)

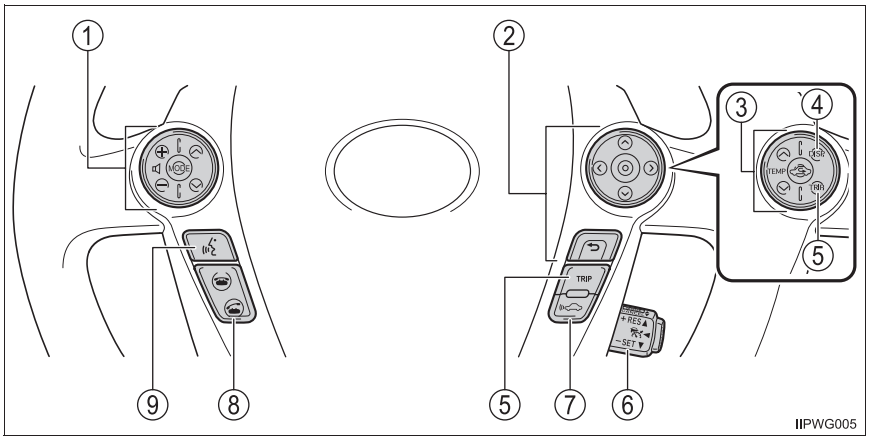


① Outside rear view mirror switches . . . . . P. 184
② Window lock switch . . . . . P. 186
③ Door lock switch . . . . . P. 144
④ Power window switches . . . . . P. 186
⑤ Head-up display switches*1 . . . . . P. 126
⑥ IPA (Intelligent Parking Assist) switch*1, 2
⑦ PCS (Pre-Crash Safety system) switch*1 . . . . . P. 255



① **Instrument cluster light control button . . . . . P. 112**
② **Clock adjustment buttons . . . . . P. 293**
③ **Tire pressure warning reset switch . . . . . P. 333**

*1: If equipped
*2: Refer to “Navigation and multimedia system Owner’s Manual”.



① **Audio remote control switches*1**

② **Meter control switches*2** . . . . . **P. 118**

③ **Climate remote control switches*2** . . . . . **P. 278**

④ **DISP button*2** . . . . . **P. 113**

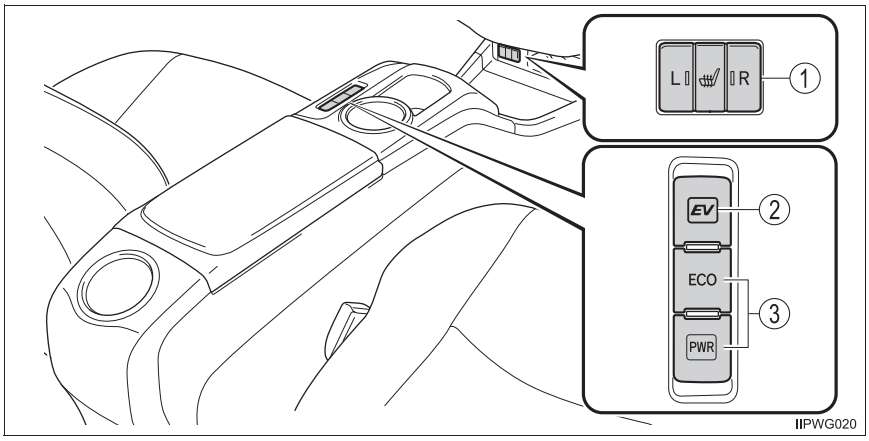
⑤ **TRIP button** . . . . . **P. 112**

⑥ **Cruise control switch**
Cruise control*2 . . . . . P. 227
Dynamic radar cruise control*2 . . . . . P. 231

⑦ **Vehicle-to-vehicle distance button*2** . . . . . **P. 234**

⑧ **Telephone switches*1**

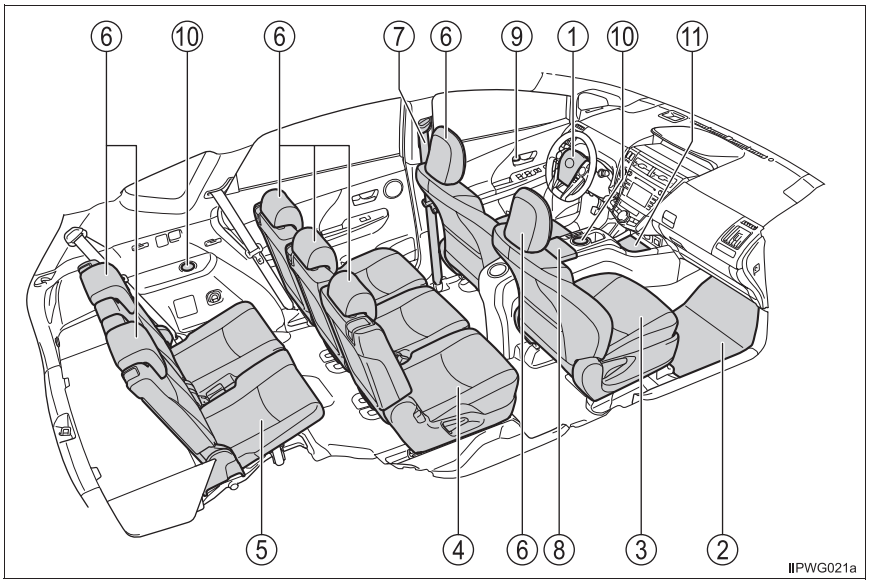
⑨ **Talk switch*1**



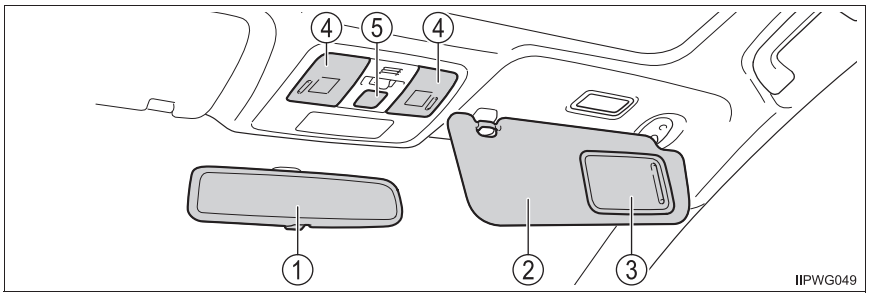
① **Seat heater switches*2 . . . . . P. 279**
② **EV drive mode switch . . . . . P. 206**
③ **Driving mode select switches . . . . . P. 247**

*1: Refer to “Navigation and multimedia system Owner’s Manual”.
*2: If equipped

Interior (Left-hand drive vehicles)



① **SRS airbags** . . . . . **P. 46**
② **Floor mats** . . . . . **P. 34**
③ **Front seats** . . . . . **P. 165**
④ **Second seats** . . . . . **P. 169**
⑤ **Third seats** . . . . . **P. 174**
⑥ **Head restraints** . . . . . **P. 177**
⑦ **Seat belts** . . . . . **P. 38**
⑧ **Console box** . . . . . **P. 284**
⑨ **Inside lock buttons** . . . . . **P. 144**
⑩ **Cup holders/bottle holders/door pockets** . . . . . **P. 285**
⑪ **Auxiliary boxes** . . . . . **P. 287**



① **Inside rear view mirror** . . . . . **P. 182**
② **Sun visors*1** . . . . . **P. 292**
③ **Vanity mirrors** . . . . . **P. 292**
④ **Interior lights*2, 3** . . . . . **P. 280**
Personal lights . . . . . **P. 280**
⑤ **Panoramic roof shade switch*4** . . . . . **P. 296**

*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. 78)

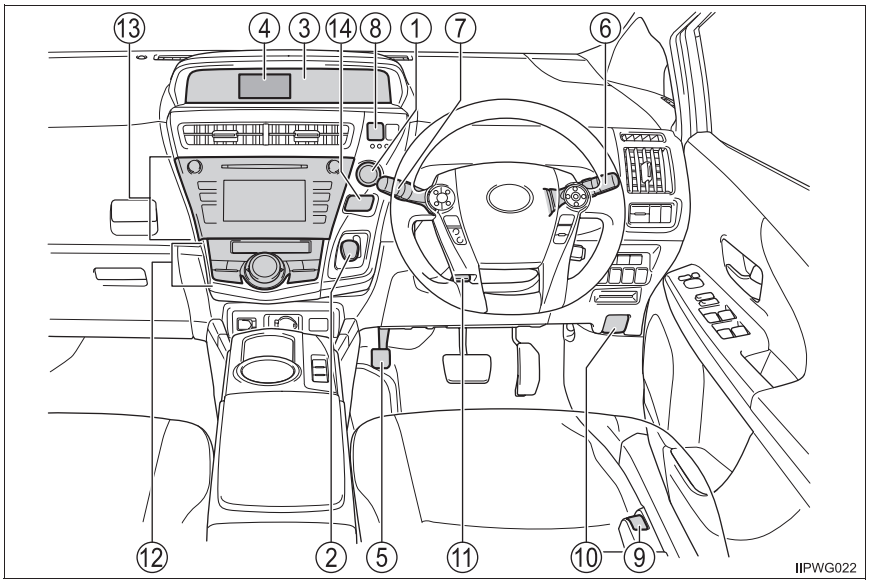


*2: The illustration shows the front, but they are also equipped in the rear.

*3: For vehicles with a panoramic roof, the switch shape may differ.

*4: If equipped

Instrument panel (Right-hand drive vehicles)



① **Power switch . . . . . P. 201**
Starting the hybrid system/changing the modes . . . . . P. 201, 203
Emergency stop of the hybrid system . . . . . P. 369
When the hybrid system will not start . . . . . P. 435
Warning messages . . . . . P. 400

② **Shift lever . . . . . P. 208**
Changing the shift position . . . . . P. 208
Precautions against towing . . . . . P. 370

③ **Meters . . . . . P. 109**
Reading the meters/adjusting the instrument cluster light . . . . . P. 109, 112
Warning lights/indicator lights . . . . . P. 104
When the warning lights come on . . . . . P. 376

④ **Multi-information display . . . . . P. 118**
Display . . . . . P. 118
Energy monitor . . . . . P. 120, 131
When the warning messages are displayed . . . . . P. 388

⑤ **Parking brake . . . . . P. 214**
Applying/releasing . . . . . P. 214
Precautions against winter season . . . . . P. 265
Warning buzzer . . . . . P. 376

⑥ **Windshield wiper and washer switch . . . . . P. 219, 223**
Usage . . . . . P. 219, 223
Adding washer fluid . . . . . P. 325

⑦ **Turn signal lever . . . . . P. 213**
Headlight switch . . . . . P. 215
Headlights/front position lights/tail lights/ daytime running lights . . . . . P. 215
Front fog lights/rear fog light . . . . . P. 218

⑧ **Emergency flasher switch . . . . . P. 368**

⑨ **Fuel filler door opener . . . . . P. 226**

⑩ **Hood lock release lever . . . . . P. 313**

⑪ **Tilt and telescopic steering lock release lever . . . . . P. 180**

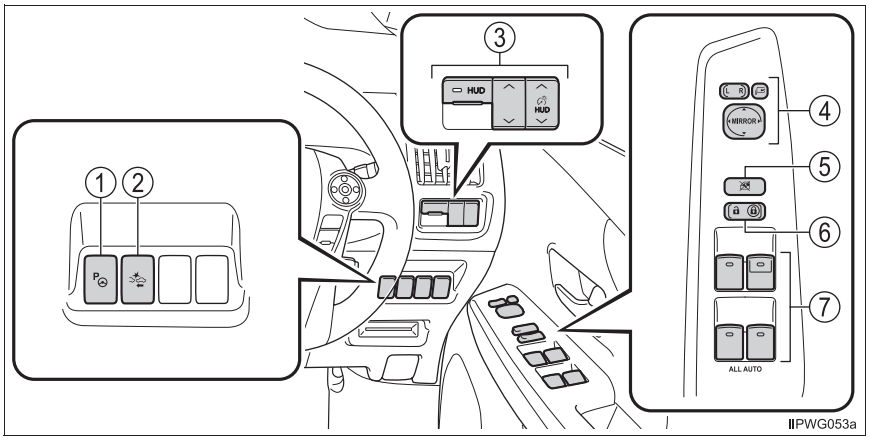
⑫ **Air conditioning system . . . . . P. 270**
Usage . . . . . P. 270
Rear window defogger . . . . . P. 273

⑬ **Audio system*1**

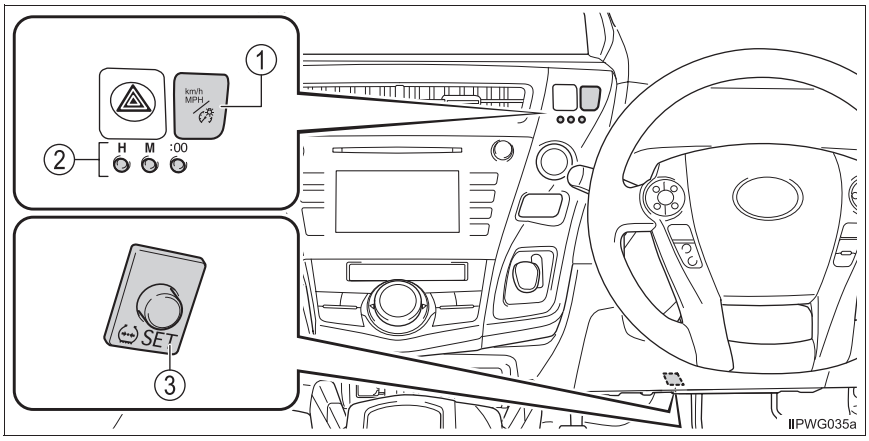
⑭ **P position switch . . . . . P. 209**

*1: Refer to “Navigation and multimedia system Owner’s Manual”.

Switches (Right-hand drive vehicles)

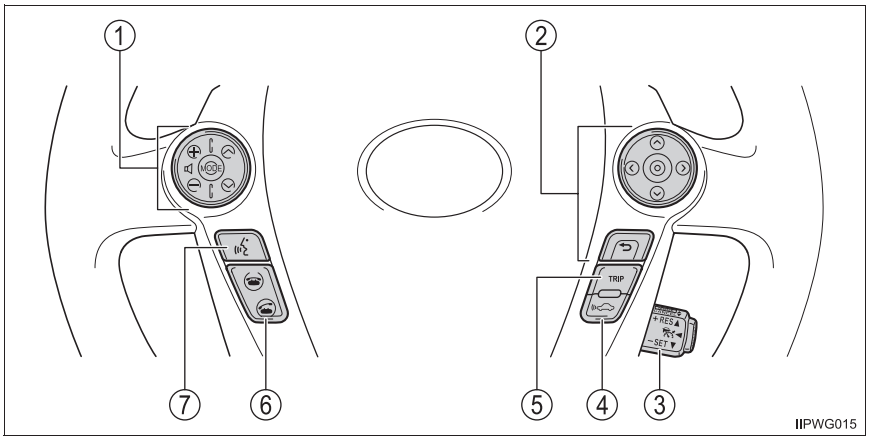


① **IPA (Intelligent Parking Assist) switch*1, 2**
② **PCS (Pre-Crash Safety system) switch*2 . . . . . P. 255**
③ **Head-up display switches. . . . . P. 126**
④ **Outside rear view mirror switches. . . . . P. 184**
⑤ **Window lock switch . . . . . P. 186**
⑥ **Door lock switch . . . . . P. 144**
⑦ **Power window switches . . . . . P. 186**



① **Instrument cluster light control button . . . . . P. 112**
MPH or km/h button*2 . . . . . P. 111
② **Clock adjustment buttons . . . . . P. 293**
③ **Tire pressure warning reset switch . . . . . P. 333**

*1: Refer to “Navigation and multimedia system Owner’s Manual”.
*2: If equipped



① **Audio remote control switches*1**

② **Meter control switches . . . . . P. 118**

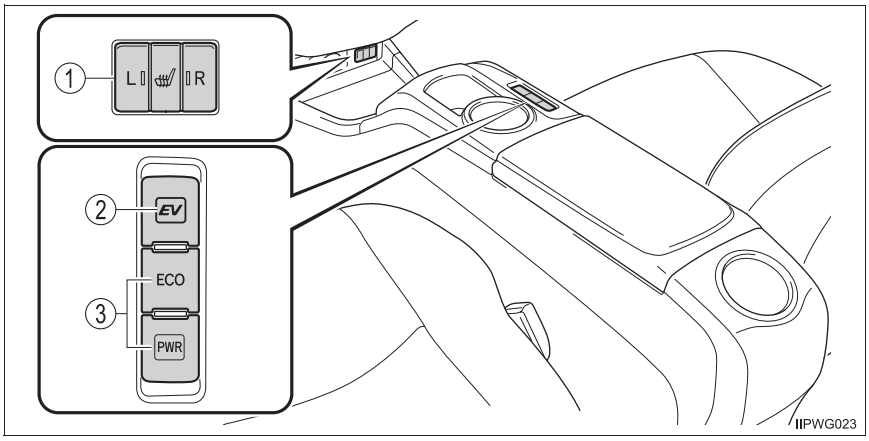
③ **Cruise control switch**
Cruise control*2 . . . . . P. 227
Dynamic radar cruise control*2 . . . . . P. 231

④ **Vehicle-to-vehicle distance button*2 . . . . . P. 234**

⑤ **TRIP button . . . . . P. 112**

⑥ **Telephone switches*1**

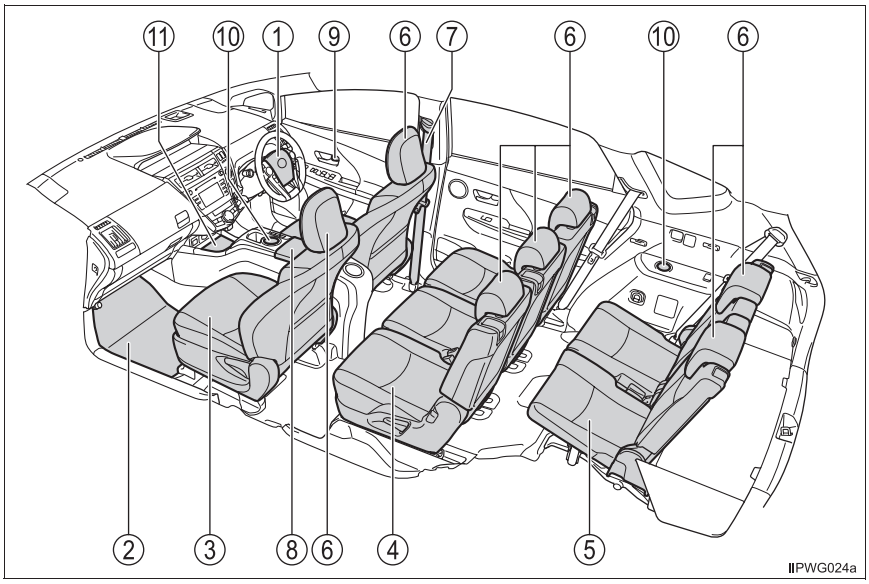
⑦ **Talk switch*1**



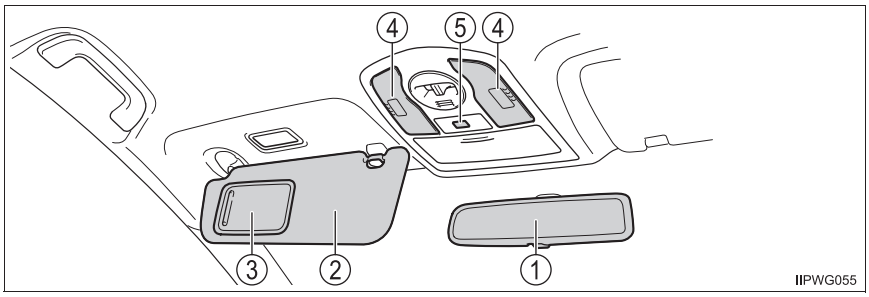
① **Seat heater switches** . . . . . **P. 279**
② **EV drive mode switch** . . . . . **P. 206**
③ **Driving mode select switches** . . . . . **P. 247**

*1: Refer to “Navigation and multimedia system Owner’s Manual”.
*2: If equipped

Interior (Right-hand drive vehicles)



① **SRS airbags** . . . . . **P. 46**
② **Floor mats** . . . . . **P. 34**
③ **Front seats** . . . . . **P. 165**
④ **Second seats** . . . . . **P. 169**
⑤ **Third seats** . . . . . **P. 174**
⑥ **Head restraints** . . . . . **P. 177**
⑦ **Seat belts** . . . . . **P. 38**
⑧ **Console box** . . . . . **P. 284**
⑨ **Inside lock buttons** . . . . . **P. 144**
⑩ **Cup holders/bottle holders/door pockets** . . . . . **P. 285**
⑪ **Auxiliary boxes** . . . . . **P. 287**



① **Inside rear view mirror** . . . . . **P. 182**
② **Sun visors*1** . . . . . **P. 292**
③ **Vanity mirrors** . . . . . **P. 292**
④ **Interior lights*2** . . . . . **P. 280**
Personal lights . . . . . **P. 280**
⑤ **Intrusion sensor cancel switch*3** . . . . . **P. 100**

*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. 78)



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

*3: If equipped

For safety and security 1

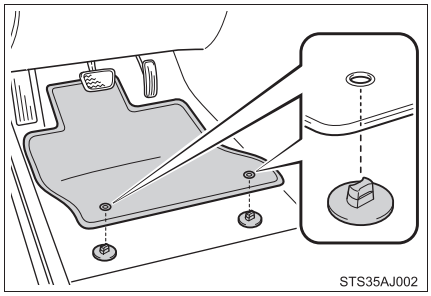
1-1. For safe use
Before driving.....34
For safety drive.....36
Seat belts.....38
SRS airbags.....46
Airbag manual on-off system.....56
Safety information for children.....58
Child restraint systems.....59
Installing child restraints.....67
Exhaust gas precautions.....80
1-2. Hybrid system
Hybrid system features.....81
Hybrid system precautions.....85
1-3. Theft deterrent system
Immobilizer system.....91
Double locking system.....96
Alarm.....97

Before driving

Floor mat

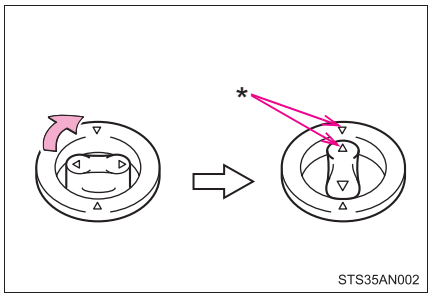
Use only floor mats designed specifically for vehicles of the same model and model year as your vehicle. Fix them securely in place onto the carpet.

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.



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

WARNING

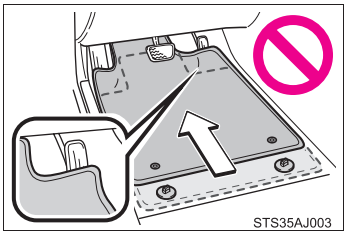
Observe the following precautions.
Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle. This could lead to an accident, resulting in death or serious injury.

■ 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

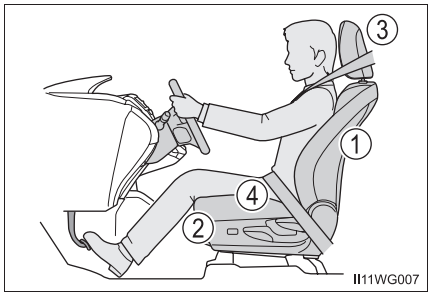
- Check that the floor mat is securely fixed in the correct place with all the provided retaining hooks (clips). Be especially careful to perform this check after cleaning the floor.
- With the hybrid system stopped and the shift position in P, fully depress each pedal to the floor to make sure it does not interfere with the floor mat.



For safety drive

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

Correct driving posture



① Adjust the angle of the seatback so that you are sitting straight up and so that you do not have to lean forward to steer. (→P. 165)

② Adjust the seat so that you can depress the pedals fully and so that your arms bend slightly at the elbow when gripping the steering wheel. (→P. 165)

③ Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P. 177)

④ Wear the seat belt correctly. (→P. 38)

Correct use of the seat belts

Make sure that all occupants are wearing their seat belts before driving the vehicle. (→P. 38)

Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt. (→P. 59)

Adjusting the mirrors

Make sure that you can see backward clearly by adjusting the inside and outside rear view mirrors properly. (→P. 182, 184)

WARNING

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

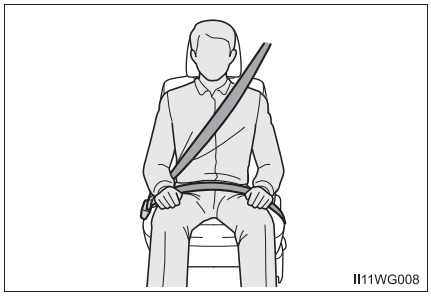
- Do not adjust the position of the driver's seat while driving.
  Doing so could cause the driver to lose control of the vehicle.
- Do not place a cushion between the driver or passenger and the seatback.
  A cushion may prevent correct posture from being achieved, and reduce the effectiveness of the seat belt and head restraint.
- Do not place anything under the front seats.
  Objects placed under the front seats may become jammed in the seat tracks and stop the seat from locking in place. This may lead to an accident and the adjustment mechanism may also be damaged.
- 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.

Seat belts

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

Correct use of the seat belts

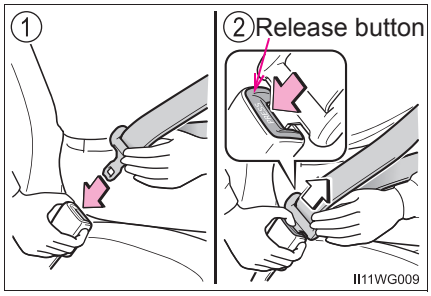
- Extend the shoulder belt so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.
- Position the lap belt as low as possible over the hips.
- Adjust the position of the seat-back. Sit up straight and well back in the seat.
- Do not twist the seat belt.



Fastening and releasing the seat belt (except second center seat)

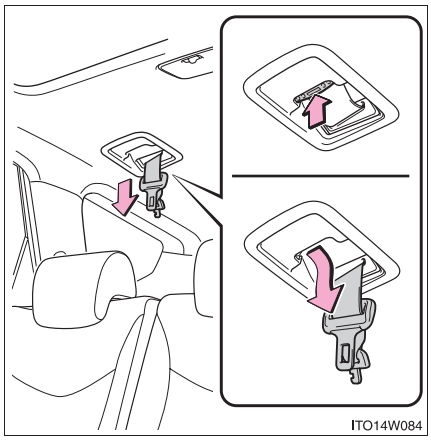
① To fasten the seat belt, push the plate into the buckle until a click sound is heard.

② To release the seat belt, press the release button with a hand on the plate.

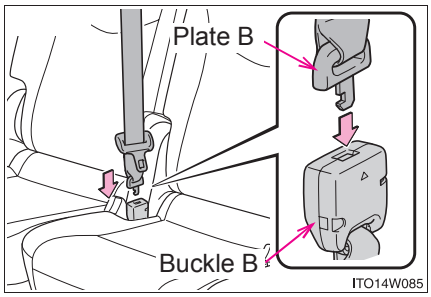


Fastening the seat belt (second center seat)

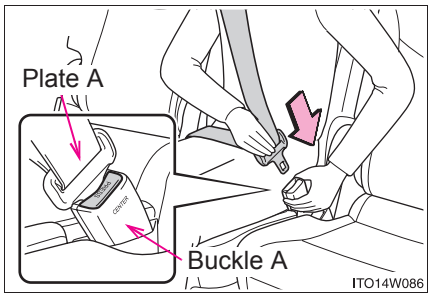
1 Press the plate to release, and pull out the seat belt.



2 Connect by inserting plate B into buckle B until a click sound is heard.

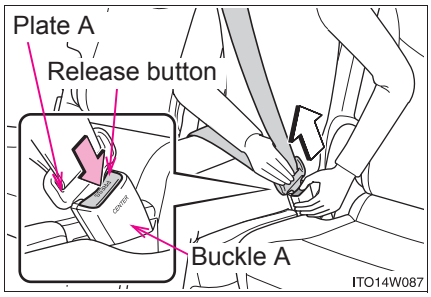


3 Secure the belt by inserting plate A into buckle A until a click sound is heard.

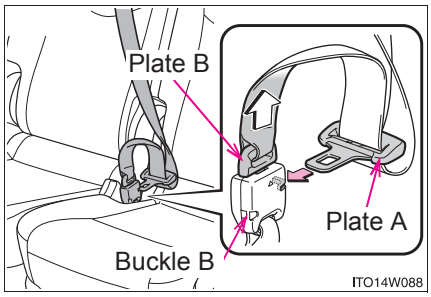


Releasing the seat belt (second center seat)

1 Press the release button on buckle A with a hand on the plate A and release the belt.

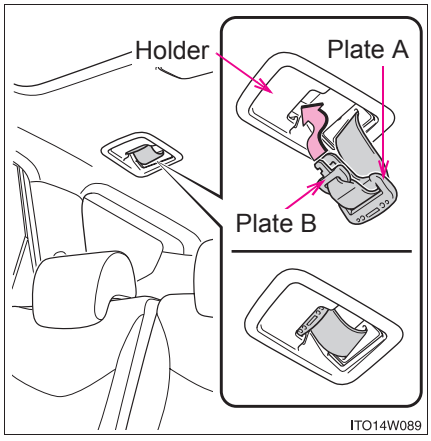


2 Use plate A etc. to push the button on buckle B, and uncouple plate B.



3 Put plates A and B on top of each other and insert them into the holder.

Insert the plates firmly.

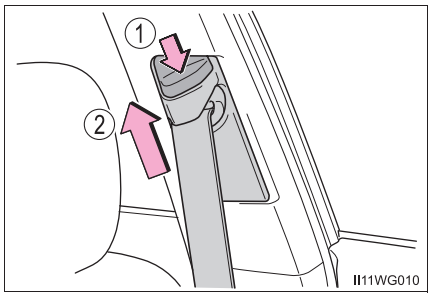


Adjusting the seat belt shoulder anchor height (front seats)

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

② Push the seat belt shoulder anchor up.

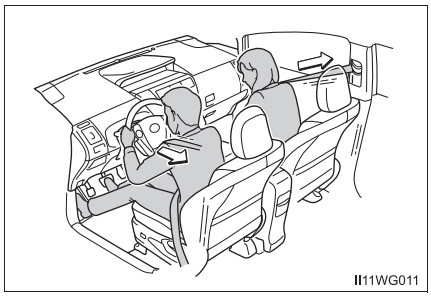
Move the height adjuster up and down as needed until you hear a click.



Seat belt pretensioners (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.



■ **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.

■ **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. 59)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions regarding seat belt usage. (→P. 38)

■ **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.

■ **Seat belt regulations**

If seat belt regulations exist in the country where you reside, please contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for seat belt replacement or installation.

WARNING

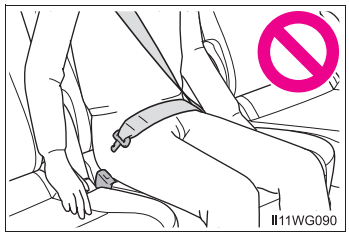
Observe the following precautions to reduce the risk of injury in the event of sudden braking, sudden swerving or an accident.
Failing to do so may cause death or serious injury.

■ 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.
- When using the seat belts of the second outboard seats and third seats, ensure that the seat belts are not in the seat belt hangers. (→P. 171, 175)

■ When using the rear center seat belt

Do not use the rear center seat belt with either buckle released.



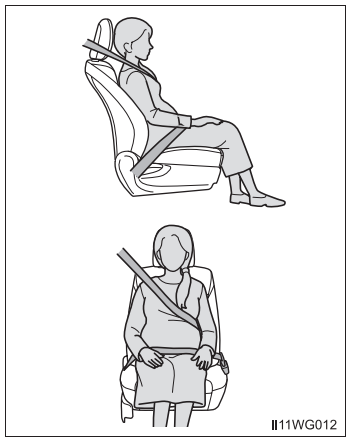
WARNING

Pregnant women

Obtain medical advice and wear the seat belt in the proper way. (→P. 38)

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

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



People suffering illness

Obtain medical advice and wear the seat belt in the proper way. (→P. 38)

When children are in the vehicle

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.

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 dealer or repairer, or another duly qualified and equipped professional.

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. (→P. 41)

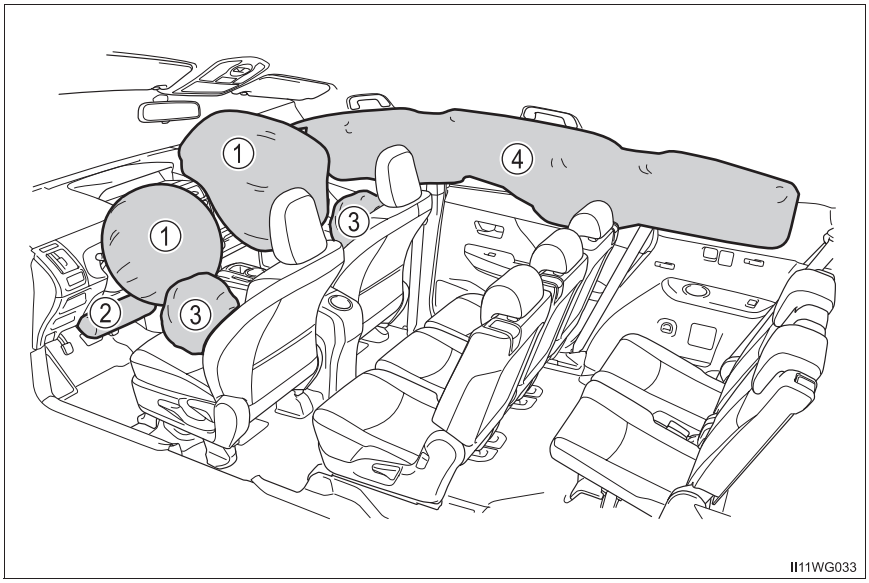
WARNING

■ **Seat belt damage and wear**

- Do not damage the seat belts by allowing the belt, plate, or buckle to be jammed in the door.
- 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 dealer or repairer, or another duly qualified and equipped professional.
- Replace the seat assembly, including the belts, if your vehicle has been involved in a serious accident, even if there's no obvious damage.
- Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. Have any necessary repairs carried out by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. Inappropriate handling of the pretensioner may prevent it from operating properly, resulting in 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 front airbags

① SRS driver airbag/front passenger airbag
Can help protect the head and chest of the driver and front passenger from impact with interior components

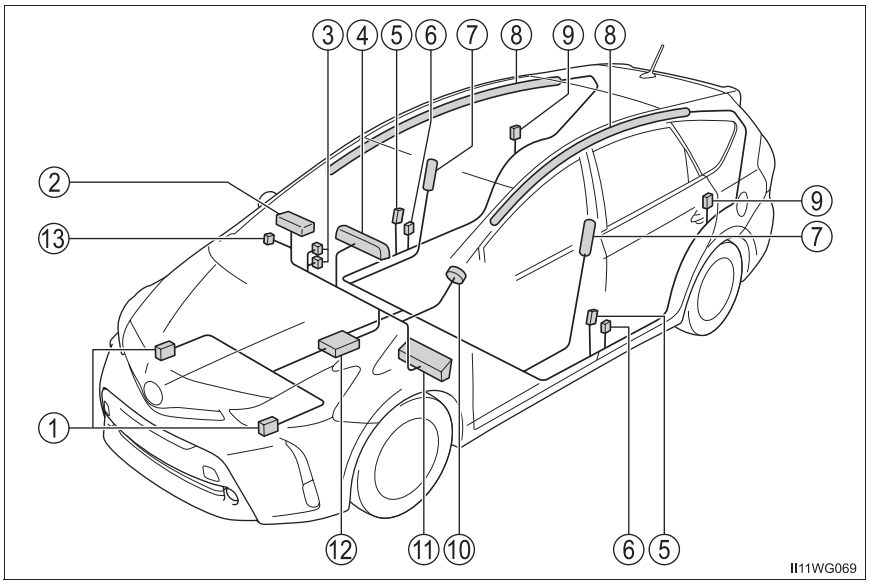
② SRS driver's knee airbag
Can help provide driver protection

◆ SRS side and curtain shield airbags

③ SRS side airbags
Can help protect the torso of the front seat occupants

④ SRS curtain shield airbags
Can help protect primarily the head of occupants in the outer seats

SRS airbag system components



① Front impact sensors
② Front passenger airbag
③ “PASSENGER AIR BAG” indicator
④ SRS warning light
⑤ Side impact sensors (front)
⑥ Seat belt pretensioners and force limiters
⑦ Side airbags
⑧ Curtain shield airbags
⑨ Side impact sensors (rear)
⑩ Driver airbag
⑪ Driver’s knee airbag
⑫ Airbag sensor assembly
⑬ Airbag manual on-off switch

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.

WARNING

■ **SRS airbag precautions**

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

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

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

  • 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.

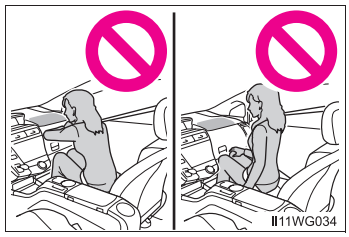
The seat should be adjusted as recommended above, while still maintaining control of the foot pedals, steering wheel, and your view of the instrument panel controls.

- 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. 59)

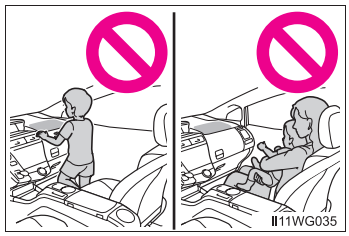
WARNING

■ **SRS airbag precautions**

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



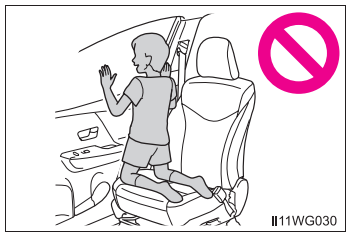
- Do not allow a child to stand in front of the SRS front passenger airbag unit or sit on the knees of a front passenger.
- Do not allow the front seat occupants to hold items on their knees.



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



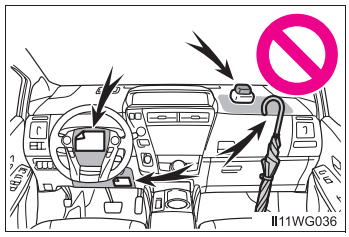
- Do not allow anyone to kneel on the passenger seat toward the door or put their head or hands outside the vehicle.



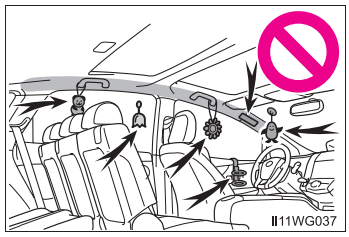
WARNING

■ **SRS airbag precautions**

- Do not attach anything to or lean anything against areas such as the dashboard, steering wheel pad and lower portion of the driver's side 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 glass, side door glass, front or rear pillar, roof side rail, and assist grip. (Except for the speed limit sticker: →P. 424)



- Do not hang coat hangers or hard objects on the coat hooks. All of these items could become projectiles and may cause death or serious injury, should the SRS curtain shield airbags deploy.
- If a vinyl cover is put on the area where the SRS knee airbag will deploy, be sure to remove it.
- Do not use seat accessories which cover the parts where the SRS side airbags inflate as they may interfere with inflation of the 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.
  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

■ **SRS airbag precautions**

- 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 dealer or repairer, or another duly qualified and equipped professional.

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

Do not dispose of your vehicle or perform any of the following modifications without consulting any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. 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 or roof side rails
- 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
- Modifications to your vehicle for a person with a physical disability

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

- Bruising and slight abrasions may result from contact with a deploying (inflating) SRS airbag.
- 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.

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

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

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

  • If the vehicle strikes an object, such as a parked vehicle or sign pole, which can move or deform on impact
  • If the vehicle is involved in an underride collision, such as a collision in which the front of the vehicle “underrides”, or goes under, the bed of a truck
- Depending on the type of collision, it is possible that only the seat belt pre-tensioners will activate.

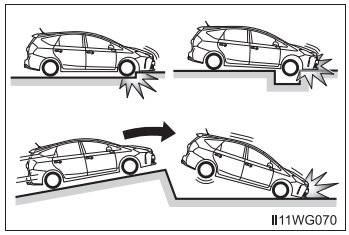
■ **SRS airbag deployment conditions (SRS side and curtain shield airbags)**

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

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

The SRS front airbags and SRS 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.

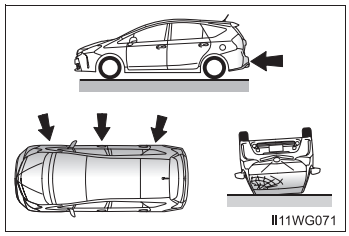
- Hitting a curb, edge of pavement or hard surface
- Falling into or jumping over a deep hole
- Landing hard or falling



■ **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.

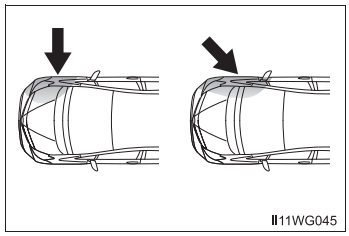
- Collision from the side
- Collision from the rear
- Vehicle rollover



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

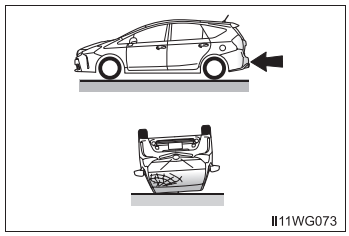
The SRS side and curtain shield airbags may not activate if the vehicle is subjected to a collision from the side at certain angles, or a collision to the side of the vehicle body other than the passenger compartment.

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



The SRS side and 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.

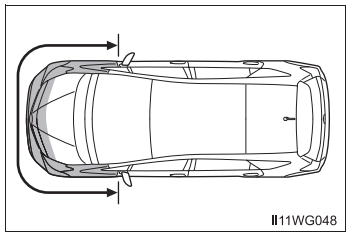
- Collision from the rear
- Vehicle rollover



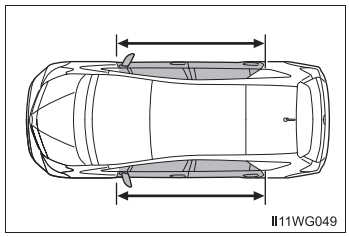
When to contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional

In the following cases, the vehicle will require inspection and/or repair. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

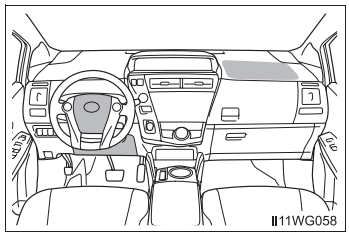
- Any of the SRS airbags have been inflated.
- The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS front airbags to inflate.



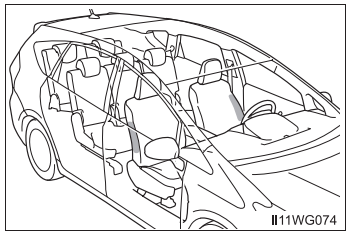
- A portion of a door or its surrounding area is damaged or deformed, or the vehicle was involved in an accident that was not severe enough to cause the SRS side and curtain shield airbags to inflate.



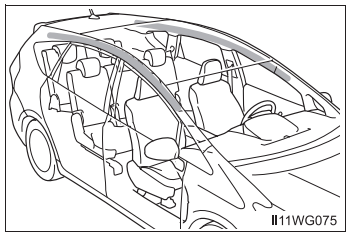
- The pad section of the steering wheel, dashboard near the front passenger airbag or lower portion of the driver's side instrument panel is scratched, cracked, or otherwise damaged.



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



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

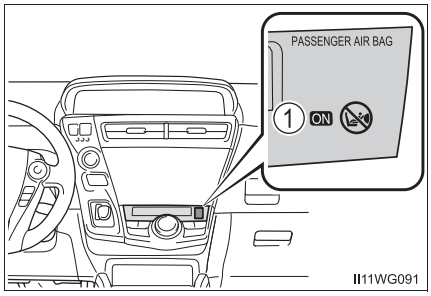


Airbag manual on-off system

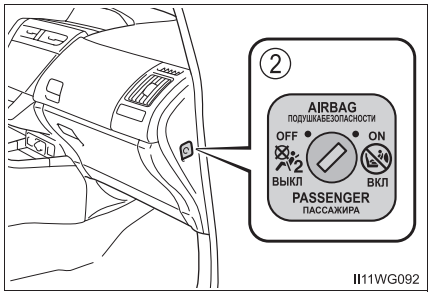
This system deactivates the front passenger airbag, front passenger knee airbag and front passenger side airbag.
Only deactivate the airbags when using a child restraint system on the front passenger seat.

① “PASSENGER AIR BAG” indicator

The ON indicator light turns on when the airbag system is on (only when the power switch is in ON mode).



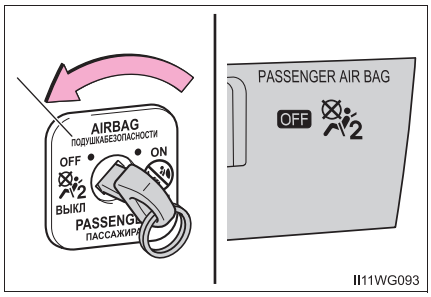
② Airbag manual on-off switch



Deactivating the airbags for the front passenger

Insert the mechanical key into the cylinder and rotate to the OFF position.

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



"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 dealer or repairer, or another duly qualified and equipped professional.

- Neither ON nor OFF comes on.
- 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 the 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.

Safety information for children

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

- It is recommended that children sit in the rear seats to avoid accidental contact with the shift lever, wiper switch etc.
- Use the rear door child-protector lock or the window lock switch to avoid children opening the door while driving or operating the power window accidentally. (→P. 145, 186)
- 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

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 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

Toyota strongly urges the use of child restraint systems.

Points to remember

Studies have shown that installing a child restraint system on a rear seat is much safer than installing one to the front passenger seat.

- Choose a child restraint system that suits your vehicle and is appropriate to the age and size of the child.
- For installation details, follow the instructions provided with the child restraint system.
  General installation instructions are provided in this manual.
  (→P. 67)
- If child restraint system regulations exist in the country where you reside, please contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for the child restraint system installation.
- Toyota recommends that you use a child restraint system which conforms to the regulation ECE No.44.

Types of child restraints

Child restraint systems are classified into the following 5 groups according to the regulation ECE No.44:

Group 0: Up to 10 kg (22 lb.) (0 - 9 months)

Group 0+: Up to 13 kg (28 lb.) (0 - 2 years)

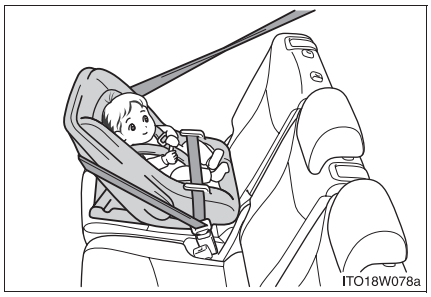
Group I: 9 to 18 kg (20 to 39 lb.) (9 months - 4 years)

Group II: 15 to 25 kg (34 to 55 lb.) (4 years - 7 years)

Group III: 22 to 36 kg (49 to 79 lb.) (6 years - 12 years)

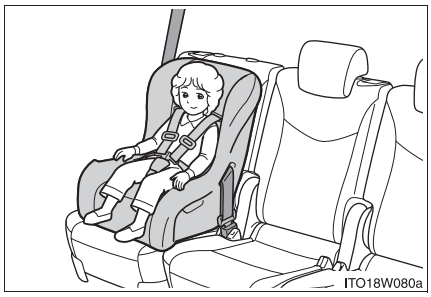
In this owner's manual, the following popular 3 types of child restraint systems that can be secured with the seat belts are explained.

▶ Baby seat



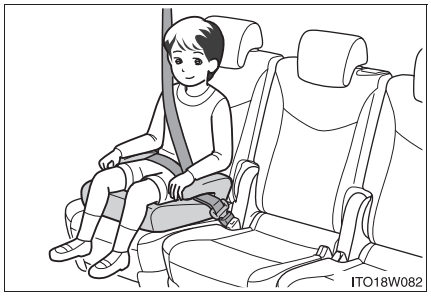
Equal to Group 0 and 0+ of ECE No.44

▶ Child seat



Equal to Group 0+ and I of ECE No.44

▶ Junior seat



Equal to Group II and III of ECE No.44

Child restraint system suitability for various seating positions

Information provided in the table shows your child restraint system suitability for various seating positions.

Seating position / Mass groups	Front passenger seat		Second seat		Third seat
	Airbag manual on-off switch				
	ON	OFF	Outside	Center	
0 Up to 10 kg (22 lb.) (0 - 9 months)	X Never put	U L1	U L1	U L1	U L1
0+ Up to 13 kg (28 lb.) (0 - 2 years)	X Never put	U L1	U*1 L1	U L1	U L1
I 9 to 18 kg (20 to 39 lb.) (9 months - 4 years)	Rear-facing — X Never put Forward-facing — UF	U	U	U	U
II, III 15 to 36 kg (34 to 79 lb.) (4 - 12 years)	UF	U	U L2*2	U	U

Key of letters inserted in the above table:

U: Suitable for “universal” category child restraint system approved for the use in this mass group.

UF: Suitable for forward-facing “universal” category child restraint system approved for the use in this mass group.

L1: Suitable for “TOYOTA G0+, BABYSAFE PLUS with SEAT BELT FIXATION, BASE PLATFORM” (0 to 13 kg [0 to 28 lb.]) approved for the use in this mass group.

L2: Suitable for “TOYOTA KID FIX” (15 to 36 kg [34 to 79 lb.]) approved for the use in this mass group.

X: Not suitable seat position for children in this mass group.

*1: Toyota recommend to use “TOYOTA G0+, BABYSAFE PLUS” (0 to 13 kg [0 to 28 lb.]) approved for the use in this mass group.
When using this child restraint system, adjust the second seat back to 5th lock position from the 1st lock position (most upright position), and move the second seat to the rear most lock position.

*2: When you use a child restraint system in this position, remove the head restraint, adjust the second seat back to 5th lock position from the 1st lock position (most upright position), and move the second seat to the 6th lock position from rear most lock position, and adjust the child seat head restraint 4th lock position from most highest position.

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

Other child restraint system which is different from the system mentioned in the table can be used.

But the suitability of the systems must be carefully checked with the child restraint system manufacturer concerned and the seller of those seats.

Child restraint system suitability for various seating positions (with ISOFIX rigid anchor)

Information provided in the table shows your child restraint system suitability for various seating positions.

Mass groups	Size class	Fixture	Vehicle ISOFIX positions
			Second outside seat
Carrycot	F	ISO/L1	X
	G	ISO/L2	X
		(1)	X
0 Up to 10 kg (22 lb.) (0 - 9 months)	E	ISO/R1	IL
		(1)	X
0+ Up to 13 kg (28 lb.) (0 - 2 years)	E	ISO/R1	IL
	D	ISO/R2	IL
	C	ISO/R3	IL
		(1)	X
I 9 to 18 kg (20 to 39 lb.) (9 months - 4 years)	D	ISO/R2	X
	C	ISO/R3	X
	B	ISO/F2	IUF*, IL*
	B1	ISO/F2X	IUF*, IL*
	A	ISO/F3	IUF*, IL*
		(1)	X
II, III 15 to 36 kg (34 to 79 lb.) (4 - 12 years)		(1)	X

(1) For the CRS which do not carry the ISO/XX size class identification (A to G), for the applicable mass group, the car manufacturer shall indicate the vehicle specific ISOFIX child restraint system(s) recommended for each position.

Key of letters inserted in the above table:

IUF: Suitable for ISOFIX forward-facing child restraints systems of universal category approved for the use in this mass group.

IL: Toyota recommend to use “TOYOTA MIDI” approved for the use in this mass group. When using this child restraint system, adjust the support leg to 6th lock position from 1st lock position where the support leg is shortest position. Move the seat to the rear most lock position, and adjust the seat back to the 2nd lock position from the most upright position.

X: ISOFIX position not suitable for ISOFIX child restraint systems in this mass group and/or this size class.

*: When you use a child restraint system in this position, remove the head restraint.

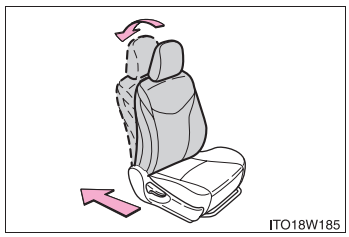
The child restraint systems mentioned in the table may not be available outside of the EU area.

Other child restraint systems different from the systems mentioned in the table can be used, but the suitability of the systems must be carefully checked with the child restraint system manufacturer and retailer.

■ **When installing the child restraint system on the front passenger seat**

When you have to use a child restraint system on the front passenger seat, adjust the following:

- The seatback from the 1st lock position (most upright position) to the 5th lock position
- The seat cushion to the fully rearward position



■ **Selecting an appropriate child restraint system**

- Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle’s seat belt.
- If the child is too large for a child restraint system, sit the child on a rear seat and use the vehicle’s seat belt. (→P. 38)

WARNING

■ **Using a child restraint system**

The use of a child restraint system not suitable for the vehicle may not properly secure the infant or child. It may result in death or serious injury (in the event of sudden braking, sudden swerving or an accident).

■ **Child restraint precautions**

- For effective protection in automobile accidents and sudden stops, a child must be properly restrained, using a seat belt or child restraint system depending on the age and size of the child. Holding a child in your arms is not a substitute for a child restraint system. In an accident, the child can be crushed against the windshield, or between you and the vehicle's interior.
- Toyota strongly urges the use of a proper child restraint system that conforms to the 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.
- Never install a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on. (→P. 56)
  In the event of an accident, the force of the rapid inflation of the front passenger airbag can cause death or serious injury to the child.
- A forward-facing child restraint system may be installed on the front passenger seat only when it is unavoidable. A child restraint system that requires a top strap should not be used in the front passenger seat since there is no top strap anchor for the front passenger seat. Adjust the seatback as upright as possible and always move the seat as far back as possible because the front passenger airbag could inflate with considerable speed and force. Otherwise, the child may be killed or seriously injured.
- 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 and 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.
- Make sure you have complied with all installation instructions provided by the child restraint manufacturer and that the system is properly secured. If it is not secured properly, it may cause death or serious injury to the child in the event of a sudden stop, sudden swerve or accident.

WARNING

■ **When children are in the vehicle**

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.

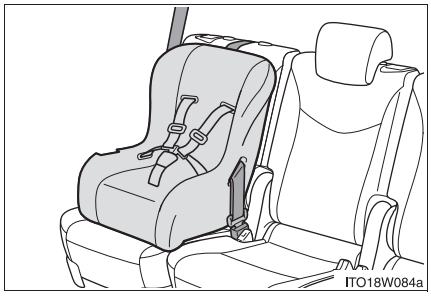
■ **When the child restraint system is not in use**

- 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. This will prevent it from injuring passengers in the event of a sudden stop, sudden swerve or accident.

Installing child restraints

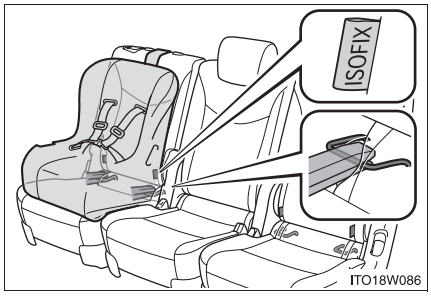
Follow the child restraint system manufacturer's instructions. Firmly secure child restraints to the seats using a seat belt or ISOFIX rigid anchors. Attach the top strap when installing a child restraint.

Seat belts (An ELR belt requires a locking clip)



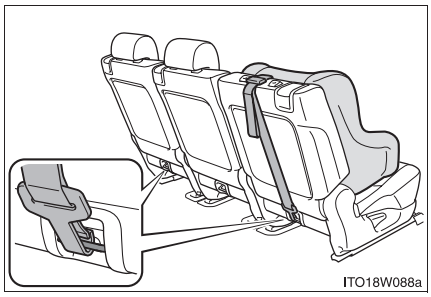
ISOFIX rigid anchors (ISOFIX child restraint system)

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



Anchor brackets (for top strap)

An anchor bracket is provided for each second outboard seats.



Installing child restraints using a seat belt

■ Rear facing — Baby seat/child seat

1 Adjusting the angle of the seatback.

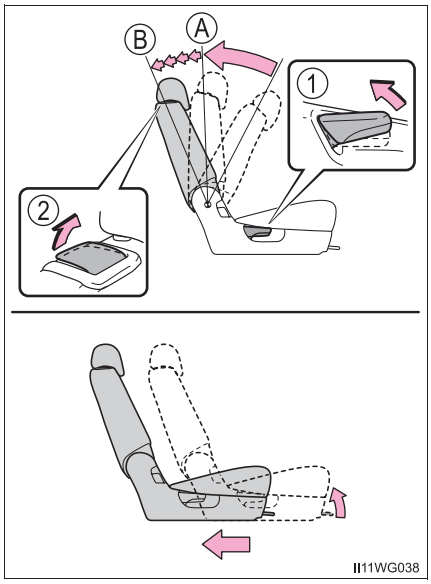
▶ Second seats

While pulling the lever (either ① [outboard seats only] or ②), fold the seatback forward and then back to the 1st lock position (most upright position) until it locks into place. Adjust the seatback to the 5th lock position.

Ⓐ 1st lock position

Ⓑ 5th lock position

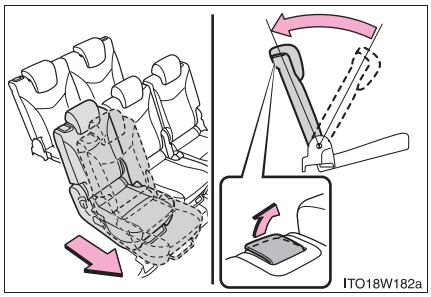
Move the seat as far back as possible.



▶ Third seats

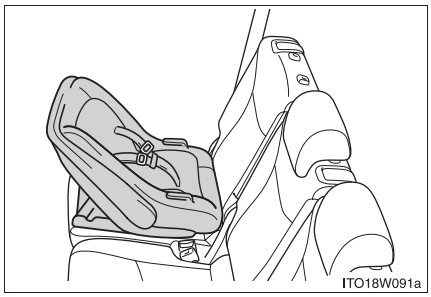
Adjust the second seat forward so that it does not interfere with the child restraint system.

While pulling the lever, fold the seatback forward and then back to the 1st lock position (most upright position) until it locks into place.

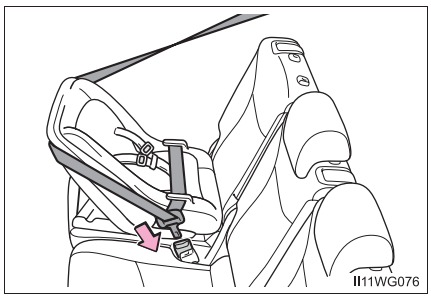


2 Remove the head restraint. (→P. 178)

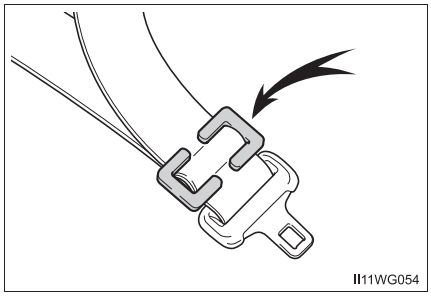
3 Place the child restraint system on the seat facing the rear of the vehicle.



4 Run the seat belt through the child restraint system and insert the plate into the buckle. Make sure that the belt is not twisted. Keep the lap portion of the belt tight.



5 Install a locking clip near the tab of the lap and shoulder belt by inserting the lap and shoulder webbing through the recesses of locking clip.



■ **Forward-facing — Child seat**

1 Adjusting the angle of the seatback.

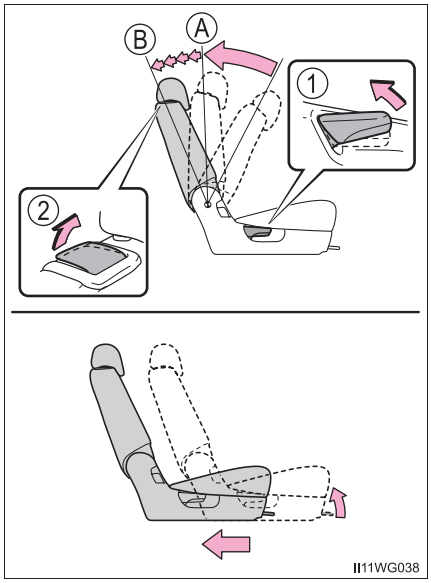
▶ Second seats

While pulling the lever (either ① [outboard seats only] or ②), fold the seatback forward and then back to the 1st lock position (most upright position) until it locks into place. Adjust the seatback to the 5th lock position.

Ⓐ 1st lock position

Ⓑ 5th lock position

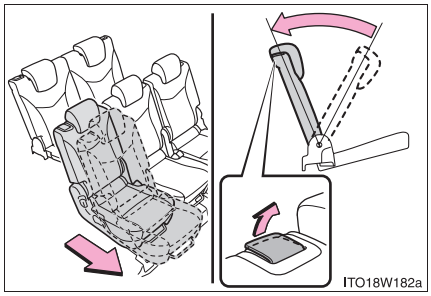
Move the seat as far back as possible.



▶ Third seats

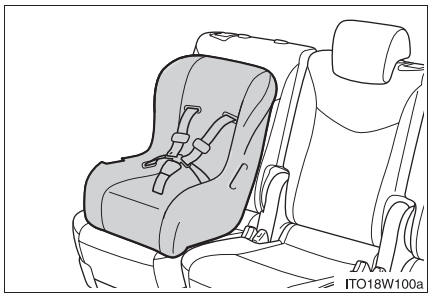
Adjust the second seat forward so that it does not interfere with the child restraint system.

While pulling the lever, fold the seatback forward and then back to the 1st lock position (most upright position) until it locks into place.

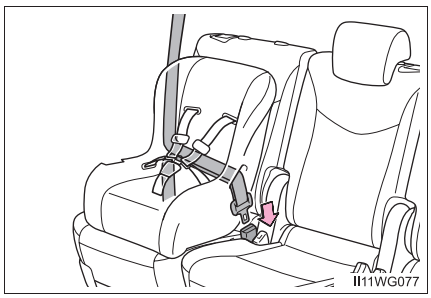


2 Remove the head restraint. (→P. 178)

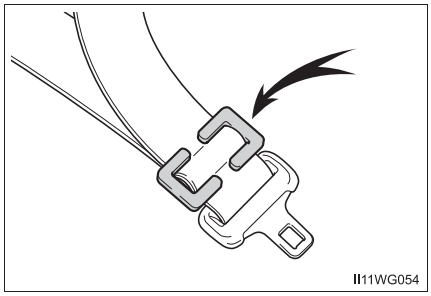
3 Place the child restraint system on the seat facing the front of the vehicle.



4 Run the seat belt through the child restraint system and insert the plate into the buckle. Make sure that the belt is not twisted. Keep the lap portion of the belt tight.



5 Install a locking clip near the tab of the lap and shoulder belt by inserting the lap and shoulder webbing through the recesses of locking clip.



■ Junior seat

1 Adjusting the angle of the seatback.

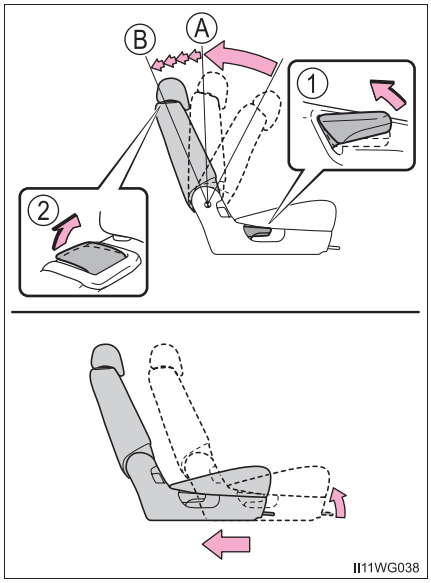
▶ Second seats

While pulling the lever (either ① [outboard seats only] or ②), fold the seatback forward and then back to the 1st lock position (most upright position) until it locks into place. Adjust the seatback to the 5th lock position.

Ⓐ 1st lock position

Ⓑ 5th lock position

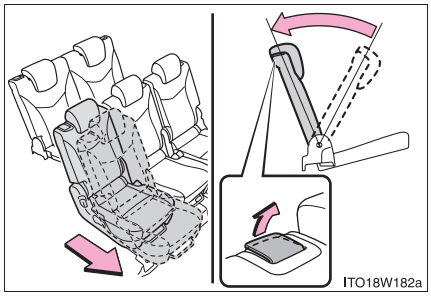
Move the seat as far back as possible.



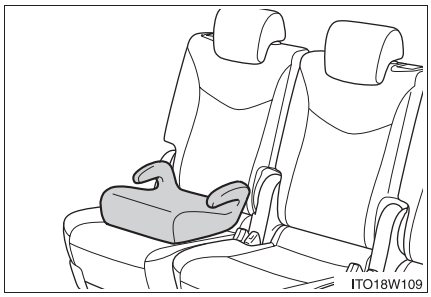
▶ Third seats

Adjust the second seat forward so that it does not interfere with the child restraint system.

While pulling the lever, fold the seatback forward and then back to the 1st lock position (most upright position) until it locks into place.

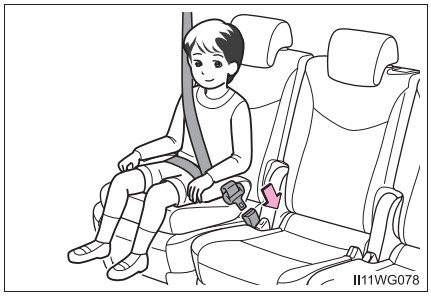


2 Place the child restraint system on the seat facing the front of the vehicle.



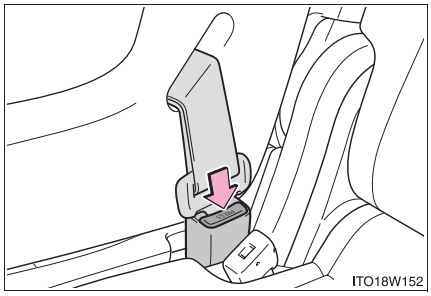
3 Sit the child in the child restraint system. Fit the seat belt to the child restraint system according to the manufacturer's instructions and insert the plate into the buckle. Make sure that the belt is not twisted.

Check that the shoulder belt is correctly positioned over the child's shoulder and that the lap belt is as low as possible.
(→P. 38)



Removing a child restraint installed with a seat belt

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



Installation with ISOFIX rigid anchor (ISOFIX child restraint system) (second outboard seats only)

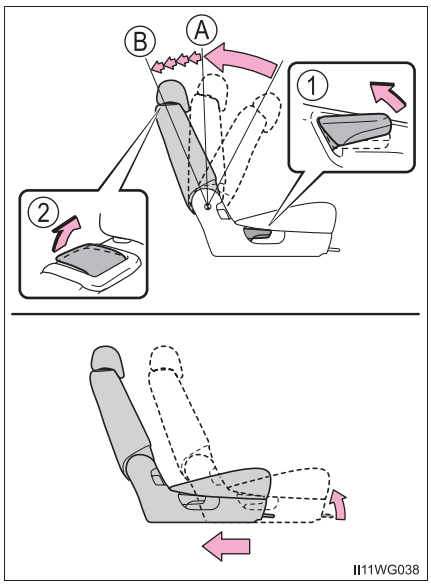
1 Adjusting the angle of the seatback.

While pulling the lever (either ① or ②), fold the seatback forward and then back to the 1st lock position (most upright position) until it locks into place. Adjust the seatback to the 5th lock position.

Ⓐ 1st lock position

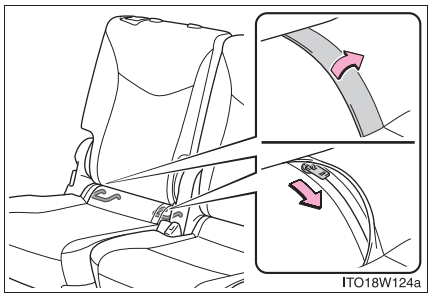
Ⓑ 5th lock position

Move the seat as far back as possible.



2 Remove the head restraint. (→P. 178)

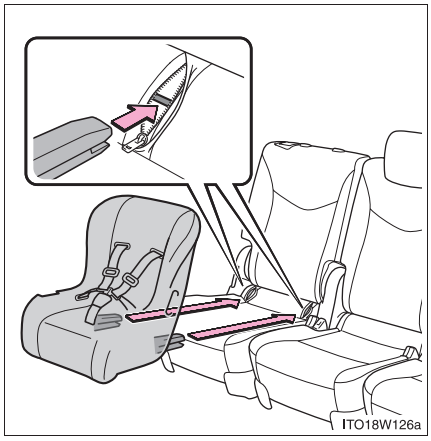
3 Open the fasteners on the lower part of the seatback.



4 Check the positions of the exclusive fixing bars, and install the child restraint system to the seat.

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

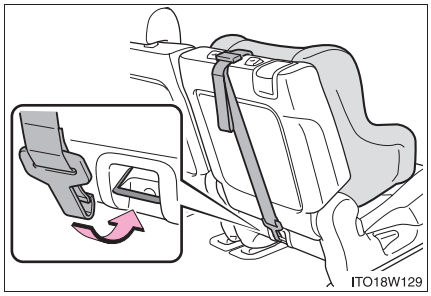
If the child restraint has a top strap, the top strap should be latched onto the anchors.



Child restraint systems with a top strap (second outboard seats only)

Latch the hook onto the anchor bracket and tighten the top strap.

Make sure the top strap is securely latched.



When installing a child restraint system

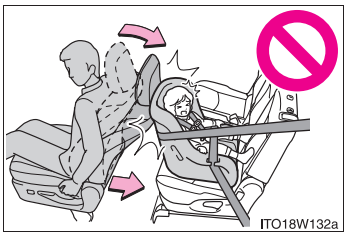
You need a locking clip to install the child restraint system. Follow the instructions provided by the manufacturer of the system. If your child restraint system does not provide a locking clip, you can purchase the following item from any authorized Toyota dealer or repairer, or another duly qualified and equipped professional:
Locking clip for child restraint system
(Part No. 73119-22010)

WARNING

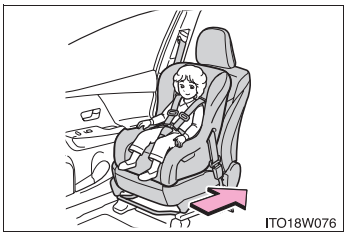
When installing a child restraint system

Follow the directions given in the child restraint system installation manual and fix the child restraint system securely in place.
If the child restraint system is not correctly 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 driver's seat interferes with the child restraint system and prevents it from being attached correctly, attach the child restraint system to the right-hand rear seat (left-hand drive vehicles) or the left-hand rear seat (right-hand drive vehicles).



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

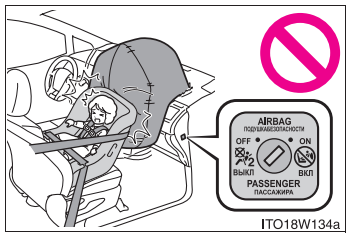


WARNING

When installing a child restraint system

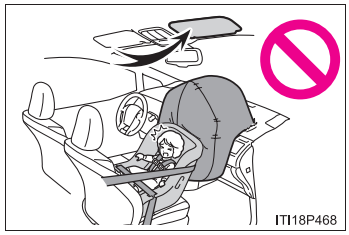
- Never use a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on. (→P. 56)

  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.



ITO18W134a

- 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.


ITI18P468



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WARNING

■ **When installing a child restraint system**

- If child restraint system regulations exist in the country where you reside, please contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for the child restraint system installation.
- If other second seats interfere with the child restraint system when installing a child restraint system in the second seat, adjust the seat cushions to the same position and align the seatbacks at the same angle. Otherwise, the child restraint system cannot be securely restrained and this may cause death or serious injuries in the event of sudden braking, sudden swerving or an accident.
- 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. Failing to do so may result in death or serious injury in the event of sudden braking, sudden swerving or an accident.
- 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.
- Follow all installation instructions provided by the child restraint system manufacturer.

■ **To correctly attach a child restraint system to the anchors**

When using the ISOFIX rigid anchors, be sure that there are no foreign objects around the anchors and that the seat belt is not caught behind the child restraint system. Make sure the child restraint system is securely attached, or it may cause death or serious injury to the child or other passengers in the event of a sudden stop, sudden swerve or accident.

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 dealer or repairer, or another duly qualified and equipped professional 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.

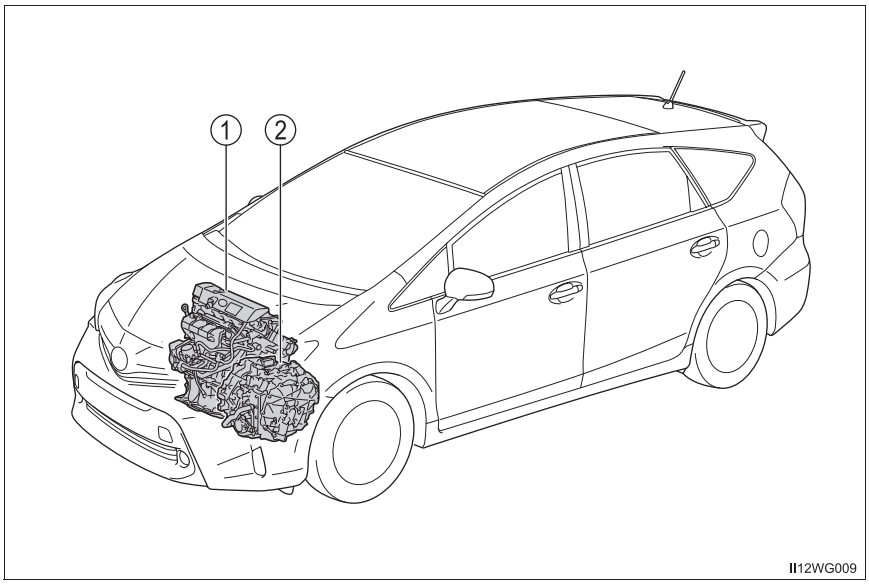
■ **Exhaust pipe**

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 dealer or repairer, or another duly qualified and equipped professional.

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.



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

① Gasoline engine

② 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 shift position is in N, the hybrid battery (traction battery) is not being charged.

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

During normal driving

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

When accelerating sharply

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

When braking (regenerative braking)

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

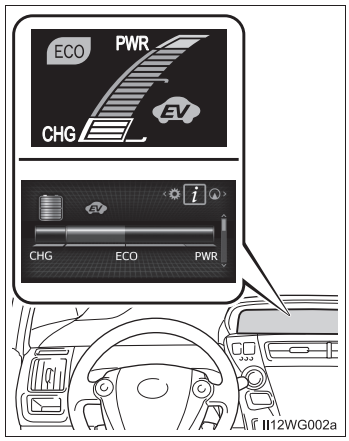
Regenerative braking

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

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

Hybrid System Indicator

Hybrid System Indicator represents the hybrid system power output and regenerative charging. (→P. 116)



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

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 dealer or repairer, or another duly qualified and equipped professional.

Charging the 12-volt battery

→P. 442

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 dealer or repairer, or another duly qualified and equipped professional.

■ **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 position to P when parked.

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

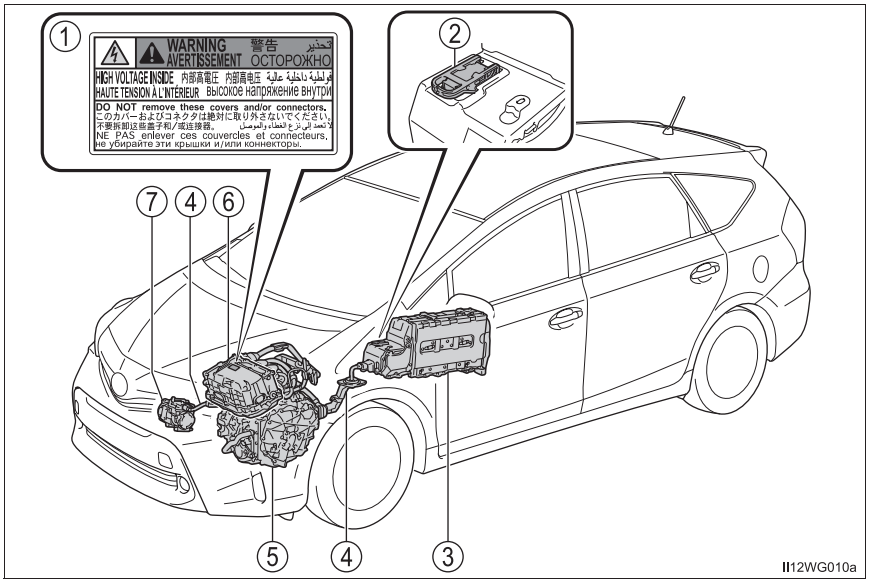
- Motor sounds may be heard from the engine compartment.
- Sounds may be heard from the hybrid battery (traction battery) when the hybrid system starts or stops.
- Relay operating sounds such as a snap or soft clank will be emitted from the hybrid battery (traction battery), behind the rear seats, when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

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

Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional regarding maintenance, repair, recycling and disposal. Do not dispose of the vehicle yourself.

Hybrid system precautions

Take care when handling the hybrid system, as it is a high voltage system (about 650V 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.

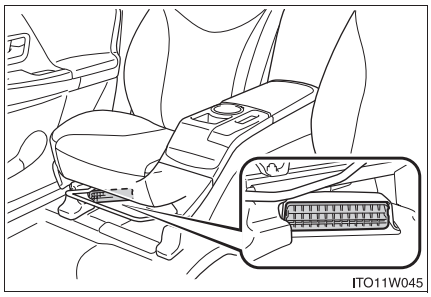


The illustration is an example for explanation and may differ from the actual item.

① Warning label
② Service plug
③ Hybrid battery (traction battery)
④ High voltage cables (orange)
⑤ Electric motor (traction motor)
⑥ Power control unit
⑦ Air conditioning compressor

Hybrid battery (traction battery) air intake vent

There is an air intake vent under the right-hand front seat for the purpose of cooling the hybrid battery (traction battery). If the vent becomes blocked, the hybrid battery (traction battery) may overheat, leading to a reduction in hybrid battery (traction battery) output.



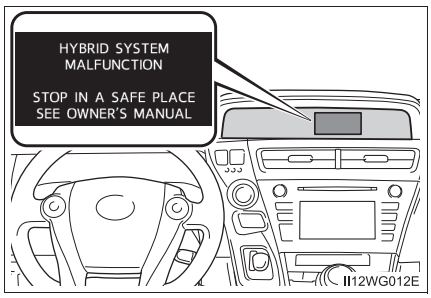
Emergency shut off system

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 dealer or repairer, or another duly qualified and equipped professional.

Hybrid warning message (vehicles with a multi-information display)

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. (→P. 388)



■ **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 dealer or repairer, or another duly qualified and equipped professional.

■ **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. 380) 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 L [1.8 gal., 1.5 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.

■ **Declaration of conformity**

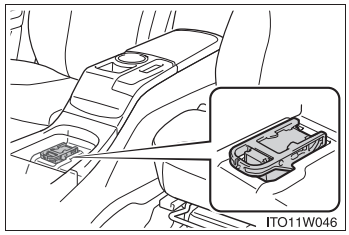
This model conforms to hydrogen emissions according to regulation ECE100 (Battery electric vehicle safety).

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 console box. The service plug is used only when the vehicle is serviced and is subject to high voltage.



WARNING

■ **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 position 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.
- Do not touch the battery if liquid is leaking from or adhering to it.
  If electrolyte (carbonic-based organic electrolyte) from the hybrid battery (traction battery) comes into contact with the eyes or skin, it could cause blindness or skin wounds. In the unlikely event that it comes into contact with the eyes or skin, wash it off immediately with a large amount of water, and seek immediate medical attention.
- If electrolyte is leaking from the hybrid battery (traction battery), do not approach the vehicle.
  Even in the unlikely event that the hybrid battery (traction battery) is damaged, the internal construction of the battery will prevent a large amount of electrolyte from leaking out. However, any electrolyte that does leak out will give off a vapor. This vapor is an irritant to skin and eyes and could cause acute poisoning if inhaled.
- Do not bring burning or high-temperature items close to the electrolyte.
  The electrolyte may ignite and cause a fire.
- If a fire occurs in the hybrid vehicle, leave the vehicle as soon as possible. Never use a fire extinguisher that is not meant for electric fires. Using even a small amount of water may be dangerous.
- If your vehicle needs to be towed, do so with front wheels 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. 370)
- 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.

WARNING

■ 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 Toyota dealer. 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 dealer or repairer, or another duly qualified and equipped professional or a qualified service shop. 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) air intake vent

- Do not place objects that will block the air intake vent. The hybrid battery (traction battery) may overheat and be damaged.
- Clean the air intake vent regularly to prevent the hybrid battery (traction battery) from overheating.
- 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).
- 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 dealer or repairer, or another duly qualified and equipped professional.

Immobilizer system

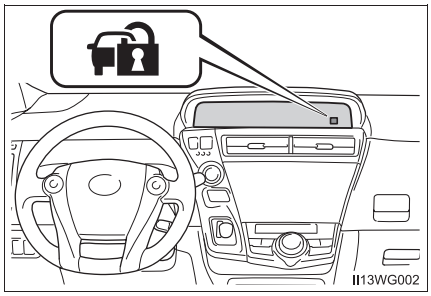
The vehicle's keys have built-in transponder chips that prevent the hybrid system from starting if a key has not been previously registered in the vehicle's on-board computer.

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.

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 ACCESSORY or ON mode to indicate that the system has been canceled.



System maintenance

The vehicle has a maintenance-free type immobilizer system.

Conditions that may cause the system to malfunction

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

Certification for the immobilizer system

TOYOTA

TOYOTA MOTOR CORPORATION

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R&TTE Declaration of Conformity

We,

Manufacturer's Name: TOYOTA MOTOR CORPORATION
Manufacturer's Address: 1, Toyota -cho, Toyota, Aichi, 471-8572, Japan

hereby declare under our sole responsibility that the product:

Product Name: Immobilizer
Product Model: TMIMB-1
to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the R&TTE Directive (1999/5/EC). The product is compliant with the following standards and/or other normative documents:

-Health & safety requirements:	EN 60950-1
-EMC requirements	EN 301 489-01 & EN 301 489-03
-Effective uses of radio spectrum:	EN 300 330-2

Supplementary information:

* CE mark	CE
* Member states intended for use	EU and EFTA

Date: February 25, 2013

Signature: Tetsuya Matsuo

Tetsuya Matsuo

Hereby, Toyota Motor Corporation, declares that this TMIMB-1 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Toyota Motor Corporation vakuuttaa täten että TMIMB-1 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart Toyota Motor Corporation dat het toestel TMIMB-1 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Par la présente Toyota Motor Corporation déclare que l'appareil TMIMB-1 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar Toyota Motor Corporation att denna TMIMB-1 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Undertegnede Toyota Motor Corporation erklærer herved, at følgende udstyr TMIMB-1 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Toyota Motor Corporation, dass sich das Gerät TMIMB-1 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Toyota Motor Corporation ΔΗΛΩΝΕΙ ΟΤΙ TMIMB-1 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente Toyota Motor Corporation dichiara che questo TMIMB-1 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Por medio de la presente Toyota Motor Corporation declara que el TMIMB-1 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Toyota Motor Corporation declara que este TMIMB-1 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, Toyota Motor Corporation, jiddikjara li dan TMIMB-1 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab Toyota Motor Corporation seadme TMIMB-1 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Toyota Motor Corporation nyilatkozom, hogy a TMIMB-1 megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

Toyota Motor Corporation týmto vyhlasuje, že TMIMB-1 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Toyota Motor Corporation tímto prohlašuje, že tento TMIMB-1 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Toyota Motor Corporation izjavlja, da je ta TMIMB-1 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Toyota Motor Corporation deklaruoja, kad šis TMIMB-1 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Toyota Motor Corporation deklarē, ka TMIMB-1 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Toyota Motor Corporation oświadcza, że TMIMB-1 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Toyota Motor Corporation yfir því að TMIMB-1 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Toyota Motor Corporation erklærer herved at utstyret TMIMB-1 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, Toyota Motor Corporation, декларира, че TMIMB-1 е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.
Prin prezenta, Toyota Motor Corporation, declară că aparatul TMIMB-1 este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, Toyota Motor Corporation, izjavljuje da ovaj TMIMB-1 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Nepermjet kesaj, Toyota Motor Corporation, deklaroj qe ky TMIMB-1 eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.
Ovim Toyota Motor Corporation, izjavljuje da je TMIMB-1 u sklau s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).
Ovim, Toyota Motor Corporation, deklariše da je TMIMB-1 u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.

NOTICE

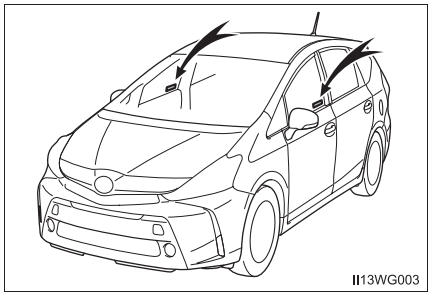
■ **To ensure the system operates correctly**

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

Double locking system*

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

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



Setting the double locking system

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

Using the entry function:
Touch the sensor area on the driver's outside door handle or front passenger's door handle (if equipped with the sensor) twice within 5 seconds.

Using the wireless remote control:
Press twice within 5 seconds.

Canceling the double locking system

Using the entry function: Hold the outside door handle on the driver side or front passenger side (if equipped with the sensor).

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.

*: If equipped

Alarm*

The alarm

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

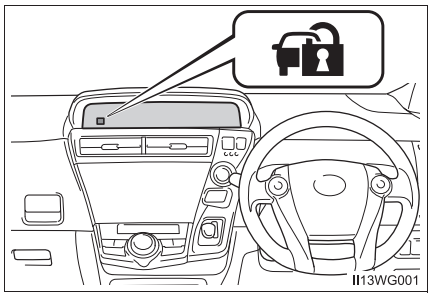
The alarm is triggered in the following situations when the alarm is set:

- A locked door or back door is unlocked or opened in any way other than using the entry function or wireless remote control.
- The hood is opened.
- The quarter windows or back door window are tapped or broken. (if equipped)

Setting the alarm system

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

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



Deactivating or stopping the alarm

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

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

*: If equipped

■ **System maintenance**

The vehicle has a maintenance-free type alarm system.

■ **Items to check before locking the vehicle**

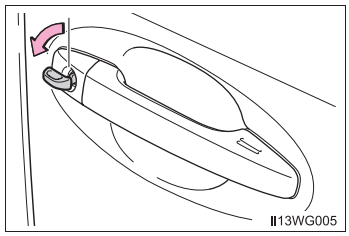
To prevent unexpected triggering of the alarm and vehicle theft, make sure of the following.

- Nobody is in the vehicle.
- The windows is closed before the alarm is set.
- No valuables or other personal items are left in the vehicle.

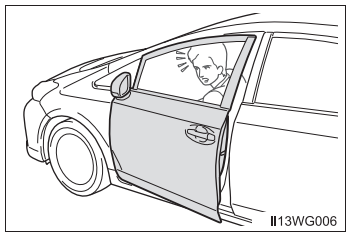
■ **Triggering of the alarm**

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

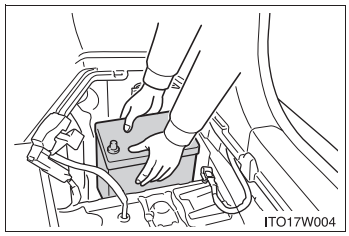
- The doors are unlocked using the mechanical key.



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



- The 12-volt battery is recharged or replaced when the vehicle is locked. (→P. 441)



■ **Alarm-operated door lock**

- When the alarm is operating, the doors are locked automatically to prevent intruders.
- Do not leave the key inside the vehicle when the alarm is operating, and make sure the key is not inside the vehicle when recharging or replacing the 12-volt battery.

■ **Customization**

The alarm can be set to deactivate when the mechanical key is used to unlock.
(Customizable features: →P. 465)

⚠ NOTICE

■ **To ensure the system operates correctly**

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

Intrusion sensor (if equipped)

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. 97)

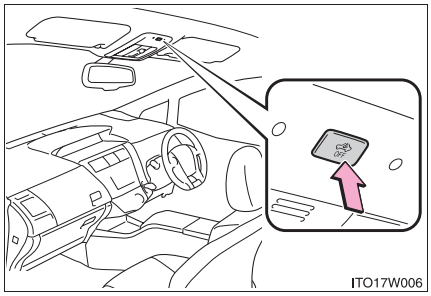
■ Canceling the intrusion sensor

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.

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



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

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

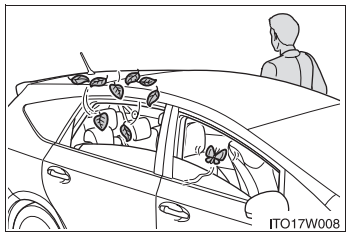
■ **Intrusion sensor detection considerations**

The sensor may trigger the alarm in the following situations:

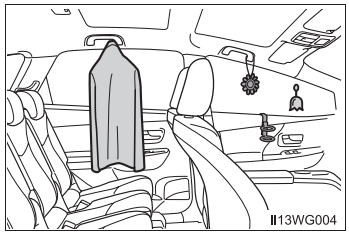
- A window is open.

  In this case, the sensor may detect the following:

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



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

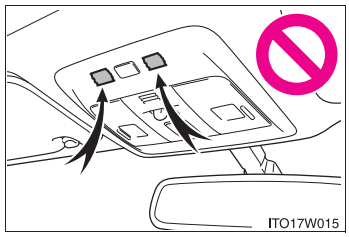


- Places with extreme vibrations or noises, or situations in which the vehicle is subject to repeated impacts or vibrations:
  • When parked in a parking garage
  • When the vehicle is transported by a ferry, trailer, train, etc.
  • When ice adhering to the vehicle is removed
  • When the vehicle is in an automatic or high-pressure car wash
  • When in a hail or lightning storm

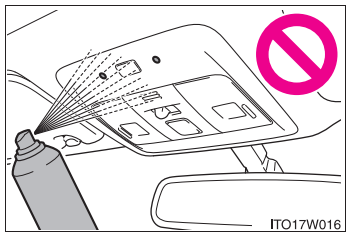
NOTICE

■ To ensure the intrusion sensor functions correctly

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



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



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

2. Instrument cluster

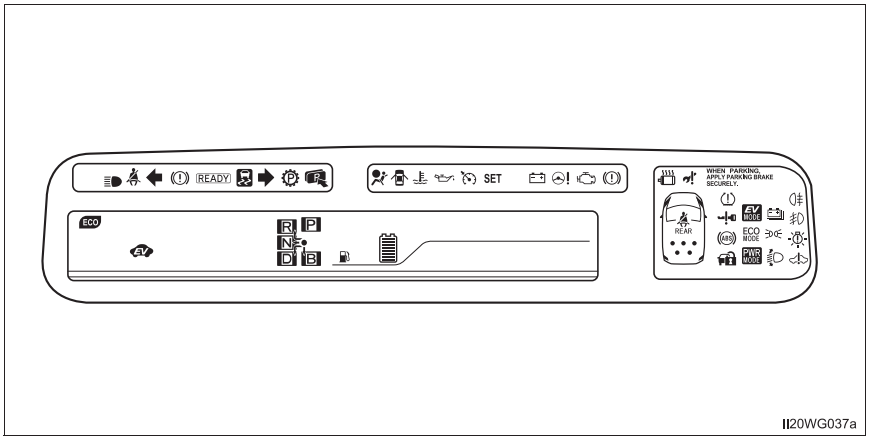
Warning lights and indicators 104
Gauges and meters 109
Multi-information display 118
Head-up display.....126
Energy monitor/ consumption screen 131

Warning lights and indicators

The warning lights and indicators on the instrument cluster and center panel inform the driver of the status of the vehicle's various systems.

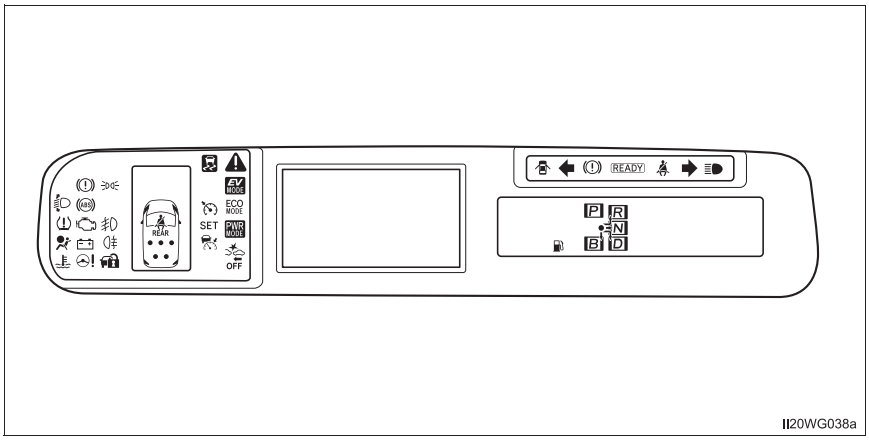
For the purpose of explanation, the following illustration displays all warning lights and indicators illuminated.

▶ Vehicles without multi-information display



II20WG037a

▶ Vehicles with multi-information display



II20WG038a

The units used on the meter may differ depending on the target region.

Warning lights

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

*1

(Red)
Brake system warning light (→P. 376)

*1

(Yellow)
Brake system warning light (→P. 376)

*1

Charging system warning light (→P. 376)

*1

(If equipped)
Low engine oil pressure warning light (→P. 377)

*1

(If equipped)
Hybrid system warning light (→P. 377)

*1

Malfunction indicator lamp (→P. 377)

*1

SRS warning light (→P. 377)

*1


ABS warning light (→P. 377)

*1

Electric power steering system warning light (→P. 377)

*1, 2


(If equipped)
PCS warning light (→P. 378)

*1

Slip indicator light (→P. 378)

*1

High coolant temperature warning light (→P. 380)

*1


(If equipped)
Parking lock system warning light (→P. 378)



(If equipped)
Parking lock system warning message (→P. 379)


(If equipped)
Hybrid battery indicator light (→P. 379)

*1

(If equipped)
LED headlight warning light (→P. 379)

*1

Automatic headlight leveling system warning light (→P. 380)

*1

(Flashes)
(If equipped)
P position request indicator light (→P. 379)

*1

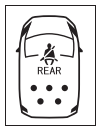
(If equipped)
Hybrid system overheat warning light (→P. 380)


(Yellow)
(If equipped)
Cruise control indicator (→P. 380)


Open door warning light (→P. 380)


Low fuel level warning light (→P. 380)


Driver's and front passenger's seat belt reminder light (→P. 381)



Rear passengers' seat belt reminder light (→P. 381)


(If equipped)
Smart entry & start system warning light (→P. 386)

*1

(If equipped)
Master warning light (→P. 381)

*1

Tire pressure warning light (→P. 381)

*1

(If equipped)
Go to service warning light (→P. 382)

*1: These 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 lights do not turn on, or turn off. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

*2: The light flashes to indicate a malfunction.

Indicators

The indicators inform the driver of the operating state of the vehicle's various systems.



Turn signal indicator (→P. 213)



Tail light indicator (→P. 215)



Headlight high beam indicator (→P. 215)



Front fog light indicator (→P. 218)



Rear fog light indicator (→ P. 218)



Security indicator (→P. 91, 97)



"READY" indicator (→P. 201)



"ECO MODE" indicator (→P. 247)



"PWR MODE" indicator (→P. 247)



Cruise control indicator (→P. 227, 231)

(Green)



(If equipped)

Radar cruise control indicator (→P. 231)



"SET" indicator (→P. 227, 231)

*1, 2



Slip indicator (→P. 249)



(If equipped)

EV indicator (→P. 114)

*1



(If equipped)

Eco Driving Indicator Light (→P. 114)



EV drive mode indicator (→P. 206)



Shift position indicators (→P. 208)

*1, 3



(If equipped)

PCS warning light (→P. 255)

*4



"PASSENGER AIR BAG" indicator (→P. 56)

*1: These lights turn on when the power switch is turned to the 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 lights do not turn on, or turn off. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

*2: The light flashes to indicate that the system is operating.

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

*4: This light illuminates on the center panel.

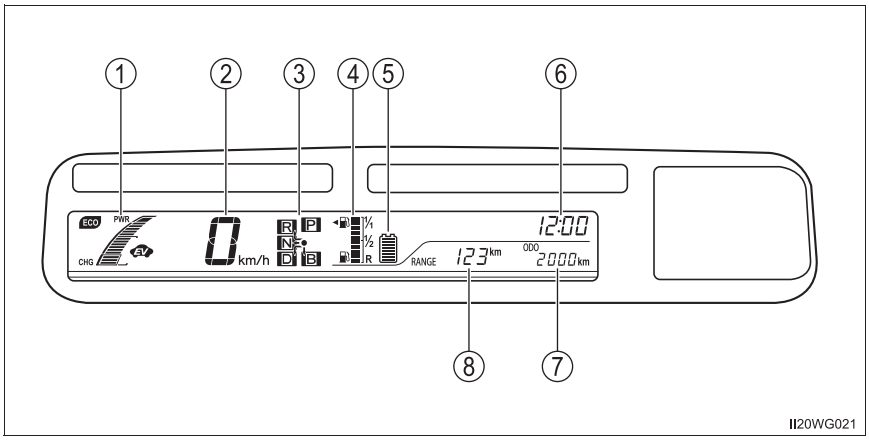
⚠ WARNING

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

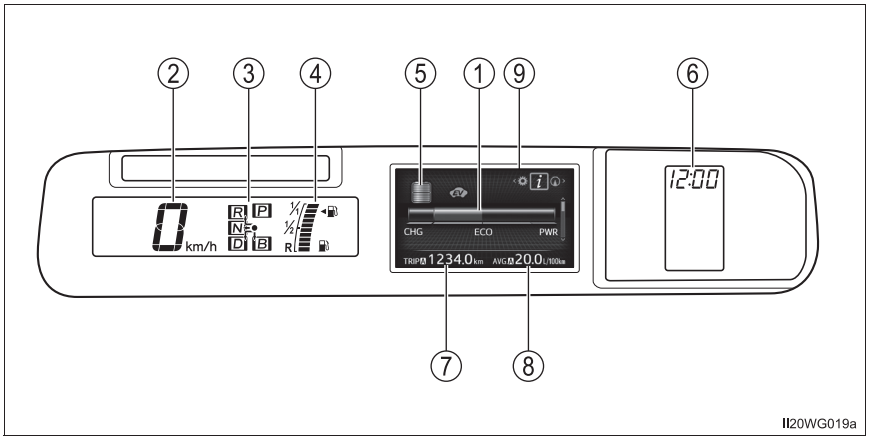
Should a safety system light such as the ABS and SRS warning light not come on when you start the hybrid system, this could mean that these systems are not available to help protect you in an accident, which could result in death or serious injury. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately if this occurs.

Gauges and meters

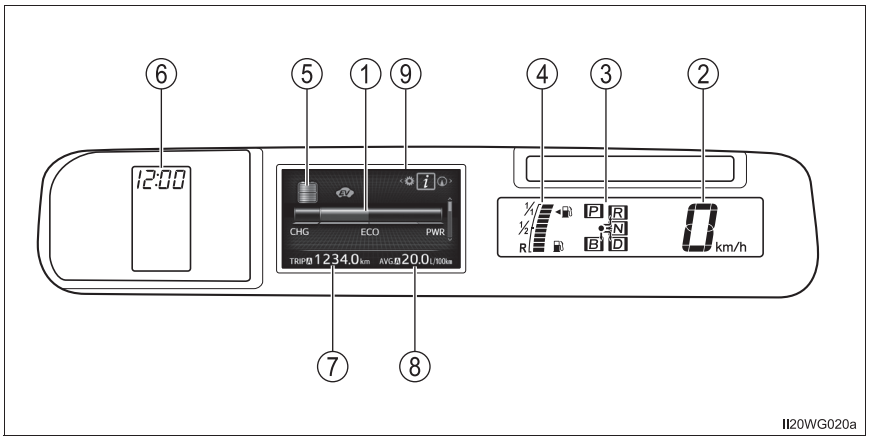
▶ Left-hand drive vehicles without multi-information display



▶ Left-hand drive vehicles with multi-information display



▶ Right-hand drive vehicles



The units used on the meters may differ depending on the target region.

① Hybrid System Indicator

Displays hybrid system output or regeneration level

② Speedometer

Displays the vehicle speed

③ Shift position indicators

Displays the selected shift position. (→P. 208)

④ Fuel gauge

Displays the quantity of fuel remaining in the tank

⑤ Hybrid battery (traction battery) status

The amount of charge remaining in the hybrid battery (traction battery) is shown by 8 bars.

⑥ Clock

Displays the time. (Adjustment procedure: →P. 293)

⑦ Odometer and trip meter display

Odometer:
Displays the total distance that the vehicle has been driven

Trip meter:
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.

⑧ Trip information display

Displays fuel consumption, etc.

⑨ Multi-information display

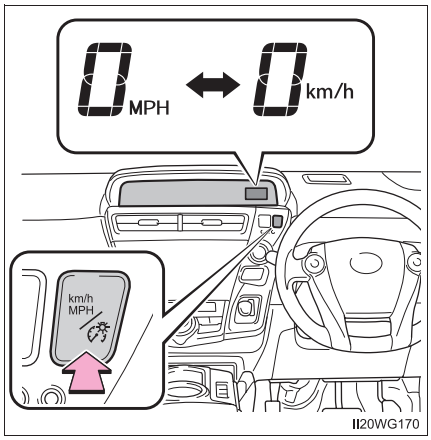
Presents the driver with a variety of driving-related data (→P. 118)

Displays warning messages in case of a malfunction (→P. 388)

MPH or km/h button (if equipped)

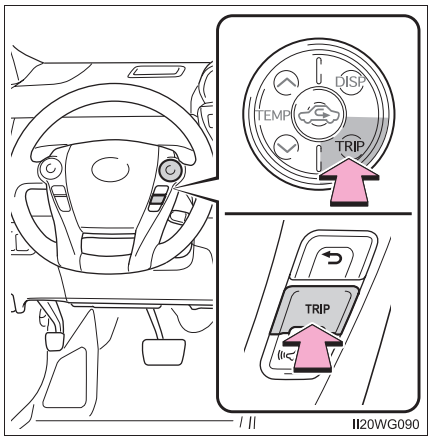
The speed units can be selected.

Press the button to switch the display between MPH and km/h.



Changing the display

Switches between odometer and trip meter displays. When the trip meter is displayed, pressing and holding the TRIP button will reset the trip meter.



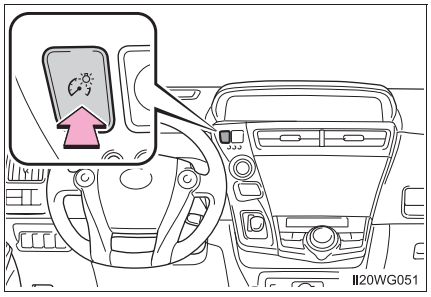
- While the odometer is being displayed, or when the odometer/trip meter are not being displayed, the average fuel consumption from the last reset will be displayed.
- While the trip meter is being displayed, the average fuel consumption will be displayed in accordance with the trip meter distance from the last reset.
- The function can be reset by pressing the TRIP button for longer than 1 second when the average fuel consumption is displayed on the trip meter.
  Use the displayed average fuel consumption as a reference.

Instrument cluster light control

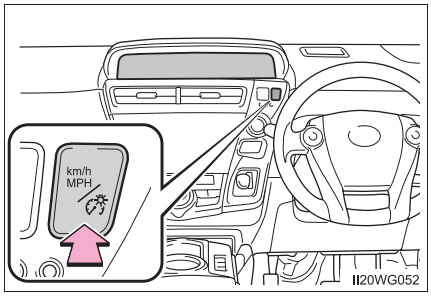
The brightness of the instrument cluster lights can be adjusted by 4 steps each time the button is pressed.

The reduced brightness can be canceled by pressing and holding the button. To turn on this function, press the button again.

▶ Type A



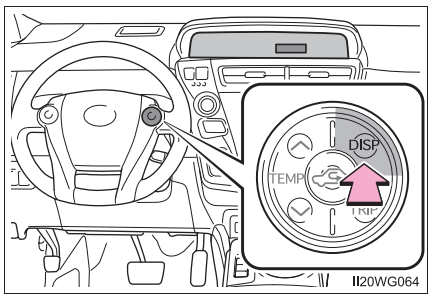
▶ Type B



When the tail light is on, the brightness of the instrument cluster lights can be adjusted. (For vehicles with the automatic light control system, the lights can be adjusted when the tail light is on and the surrounding area is dark.)

Trip information display (vehicles without multi-information display)

Items displayed can be switched by pressing the DISP button.



■ Current fuel consumption

Displays the instant fuel consumption.

■ Average fuel consumption

The average fuel consumption is displayed on both the odometer and the trip meter.

The function can be reset by pressing the DISP button for longer than 1 second when the average fuel consumption is displayed on the odometer.

Use the displayed average fuel consumption as a reference.

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

■ “SET” screen

The items displayed on Hybrid System Indicator can be setup.
(→P. 115)

Hybrid System Indicator

Hybrid System Indicator displays the hybrid system power output and regenerative charging and provides Eco-friendly driving assistance in accordance with the driving conditions and the acceleration.

■ Names and meaning of each icons

① Eco Driving Indicator Light (vehicles without multi-information display)

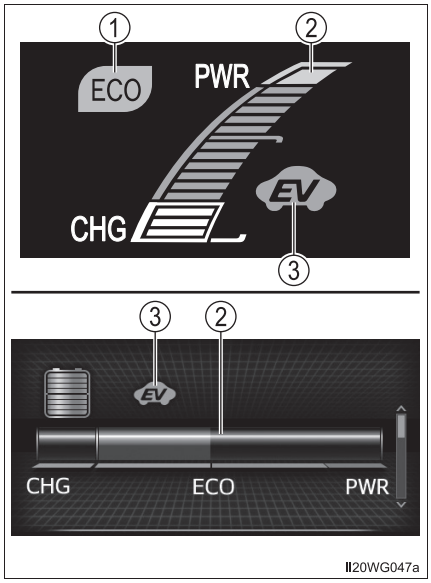
Turns on when the vehicle is driven in Eco-friendly.

② Hybrid System Indicator

→P. 116

③ 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.

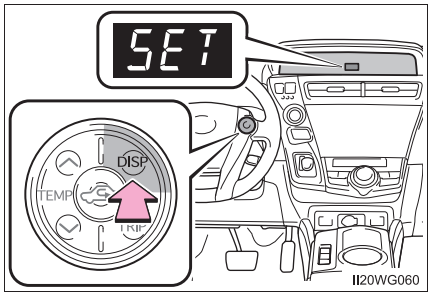


Changing Hybrid System Indicator settings (vehicles without multi-information display)

The items displayed on Hybrid System Indicator can be changed by operating the DISP button. Fully stop the vehicle and set the parking brake, and then press the P position switch.

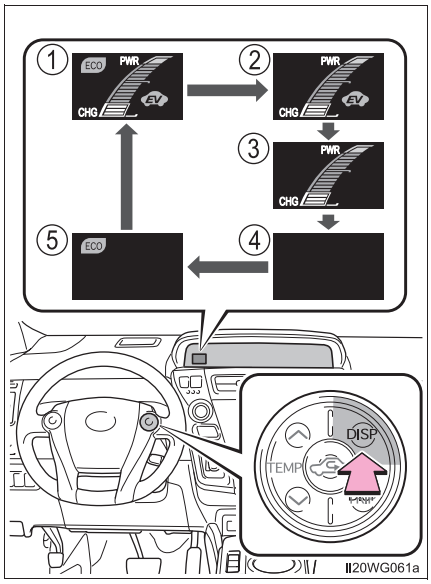
1 After pressing the DISP button to display the “SET” screen on the trip information display, press and hold the DISP button for 1 second or more.

The “SET” display and Hybrid System Indicator will flash.



2 Press the DISP button while the display is flashing to select the items to be displayed.
The display items will flash.

① Display all
② Display Hybrid System Indicator and EV indicator
③ Display Hybrid System Indicator only
④ Display none
⑤ Display Eco Driving Indicator Light only



3 Press and hold the DISP button for 1 second or more to complete the setup.

If setup is not completed by pressing and holding the DISP button for 1 second or more, or if nothing is operated within approximately 10 seconds, the screen will return and the settings will be lost.

■ **The meters and display illuminate when**

The power switch is in ON mode.

■ **Hybrid System Indicator**

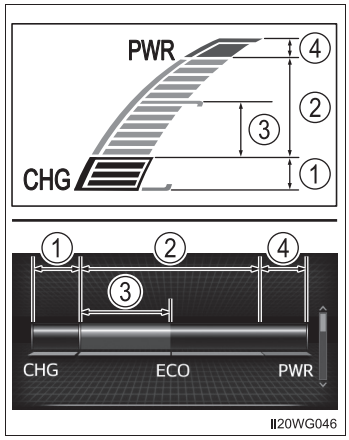
① Charge area
Shows that energy is being recovered via the regenerative brake.

② Eco area
Shows that the vehicle is being driven in an Eco-friendly manner.

③ 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.

④ Power area
Shows that an Eco-friendly driving range is being exceeded (during full power driving etc.)



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

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

■ **Eco Driving Indicator Light (vehicles without multi-information display)**

When all of the following conditions are satisfied and the Eco-friendly driving, the light will illuminate:

- Driving with the shift position in D
- Either normal mode or Eco drive mode is selected, and EV drive mode or power mode are not in use (→P. 206, 247)
- The vehicle speed is approximately 130 km/h (80 mph) or below.

Eco Driving Indicator Light can be set to activated or deactivated. (→P. 115)

■ **Remaining hybrid battery (traction battery) charge display**

The charge amount of the hybrid battery (traction battery) is automatically controlled by the hybrid system. For this reason, even if electricity is recovered via the regenerative braking, or electricity is generated via the gasoline engine, the displayed hybrid battery (traction battery) charge amount may not reach the highest level (level 8). However, this does not indicate a malfunction.

■ **Engine speed**

On hybrid vehicles, engine speed is precisely controlled in order to help improve fuel efficiency and reduce exhaust emissions etc.

■ **Brightness of the instrument panel light**

If the headlight switch is turned to ON while the surrounding area is dark, the instrument cluster lights will dim.

■ **When disconnecting and reconnecting 12-volt battery terminals**

The fuel consumption display and average vehicle speed will be reset.

⚠ NOTICE

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

The engine may be overheating if the high coolant temperature warning light comes on or flashes. In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P. 444)

■ **The trip information display at low temperatures**

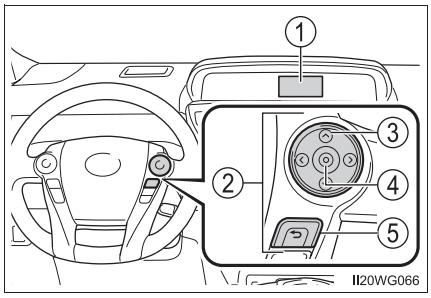
Allow the interior of the vehicle to warm up before using the liquid crystal information display. At extremely low temperatures, the information display monitor may respond slowly, and display changes may be delayed.

Multi-information display*

Display contents

The multi-information display presents the driver with a variety of vehicle data.

① Multi-information display
② Meter control switches
③ Select an item/change pages
④ Enter/Set
⑤ Return to the previous screen



● Menu icons
Displays the following information when an icon is selected.
Some of the information may be displayed automatically depending on the situation.


Drive information

Select to display various drive data. (→P. 120)


Navigation system-linked display (if equipped)

Select to display the following navigation system-linked information.
- Route guidance
- Compass display (north-up display/heading-up display)

*: If equipped



Audio system-linked display (if equipped)

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



Clock

Show the current time on the display.





Cruise control/Dynamic radar cruise control display (if equipped)

Select to display the cruise control/dynamic radar cruise control information, when the system is used. (→P. 227, 231)

The displayed icon changes depending on the system used.



Warning message display

Select to display warning messages and measures to be taken if a malfunction is detected. (→P. 388)



Settings display

Select to change the meter display settings. (→P. 465)

Drive information

Items displayed can be switched by pressing ❮ or ❯ of the meter control switches to select *i* and pressing ∧ or ∨.

■ **Energy monitor**

The current vehicle hybrid system condition is displayed. (→P. 121)

■ **Hybrid System Indicator**

The hybrid system power output and regenerative charging conditions are displayed. (→P. 114)

■ **Eco score/Hybrid System Indicator**

The eco-driving total count is displayed. (→P. 123)

■ **Fuel consumption and instantaneous fuel consumption per minute**

The fuel consumption and instantaneous fuel consumption per minute is displayed. (→P. 123)

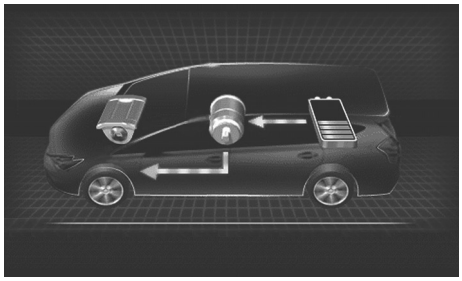
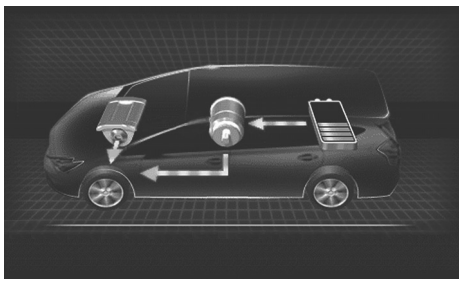
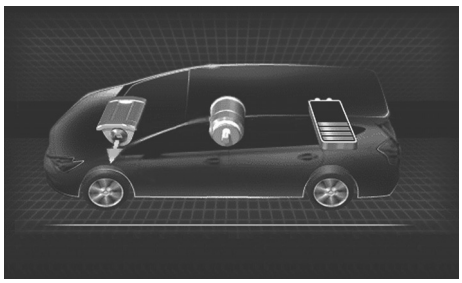
■ **Distance to empty/Average vehicle speed after hybrid system started/Average fuel consumption after hybrid system started**

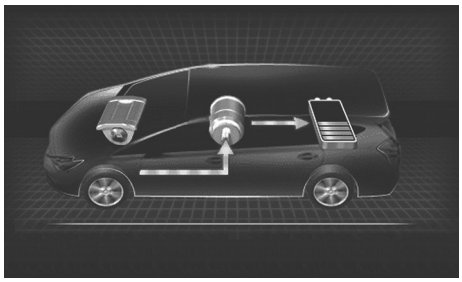
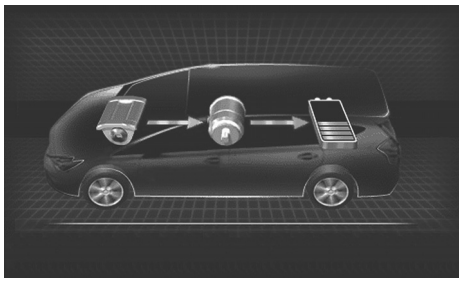
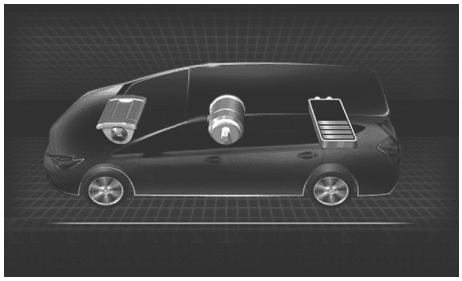
The possible driving range estimated from the remaining fuel amount, average vehicle speed after the hybrid system is started, and average fuel consumption are displayed. (→P. 124)

■ **OFF display**

The OFF display is displayed.

How to read the energy monitor

	Energy monitor
When the vehicle is powered by the electric motor (traction motor)	
When the vehicle is powered by both the gasoline engine and the electric motor (traction motor)	
When the vehicle is powered by the gasoline engine	

	Energy monitor
When the vehicle is charging the hybrid battery (traction battery)	
	
When there is no energy flow	
Hybrid battery (traction battery) status	

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

How to read the Eco score

Displays the eco-driving total count to help improve the customer's eco-driving techniques and the vehicle's fuel economy.

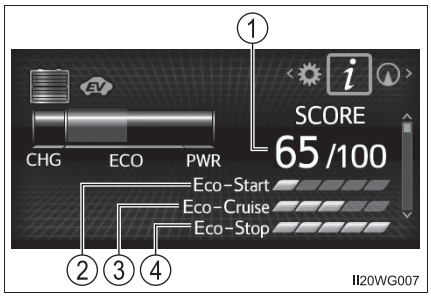
① Score

Totals the counts of Eco-Start, Eco-Cruise and Eco-Stop and displays the result.

② Eco-Start

③ Eco-Cruise

④ Eco-Stop

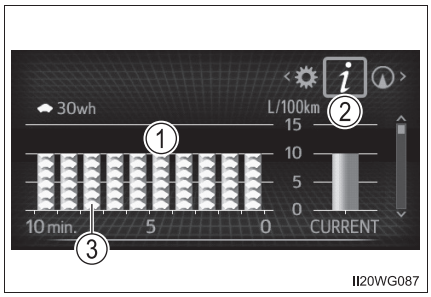


How to read the fuel consumption and instantaneous fuel consumption per minute

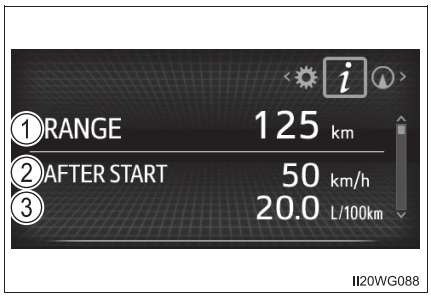
① Fuel consumption in the past 10 minutes

② Current fuel consumption

③ Regenerated energy in the past 10 minutes
One symbol indicates 30 Wh. Up to 10 symbols are shown.



How to read the distance to empty/Average vehicle speed after hybrid system started/Average fuel consumption after hybrid system started



① Distance to empty

- Since it is calculated based on the average fuel consumption in the past, it may not be the actual distance that can be driven to be displayed.
- When only a small amount of fuel is added to the tank, the display may not be updated. When refueling, turn the power switch off. If the vehicle is refueled without turning the power switch off, the display may not be updated.

② Average vehicle speed after hybrid system started

③ Average fuel consumption after hybrid system started

- Use the displayed average fuel consumption as a reference.
- These images are examples only, and may vary slightly from actual conditions.

■ **System check display**

After turning the power switch to ON mode, opening image is displayed while system operation is checked. When the system check is complete, the normal screen will return.

■ **Pop-up display**

When a system that supports pop-up displays, such as the air conditioning system, is operated, a pop-up display will be temporarily displayed.

■ **When disconnecting and reconnecting 12-volt battery terminals**

The fuel consumption display and average vehicle speed will be reset.

■ **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.

■ **Meter display setting initialization**

1 Press ❮ or ❯ on the meter control switch to select , and then press ◎.

2 Press ∧ or ∨ to select meter setting initialization, press ◎, and then select “YES”.

■ **Customization**

The meter settings can be changed.
(Customizable features: →P. 465)

⚠ NOTICE

■ **The multi-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.

Head-up display*

The head-up display can be used to project vehicle speed and other information onto the windshield.

Summary of functions

① Head-up display

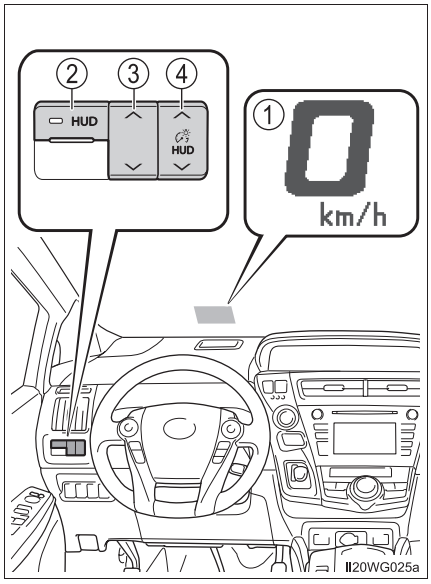
Display brightness will change automatically according to the brightness of the surrounding area.

② “HUD” (Head-up display) switch

③ Display position adjustment switch

④ Display brightness adjustment switch

Used to adjust the display brightness to the desired level.



*: If equipped

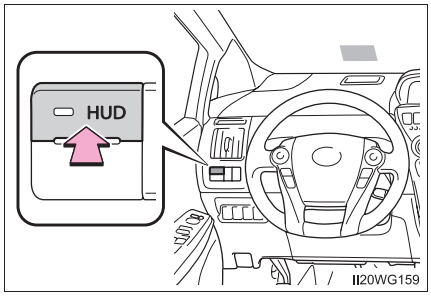
■ **Head-up display contents**

- Vehicle speed
- Approach warning display (dynamic radar cruise control) (if equipped) (→P. 389)
- Pre-crash warning message (pre-crash safety system) (if equipped) (→P. 389)

Switching the head-up display

On/off

When on, the indicator light on the “HUD” switch comes on.



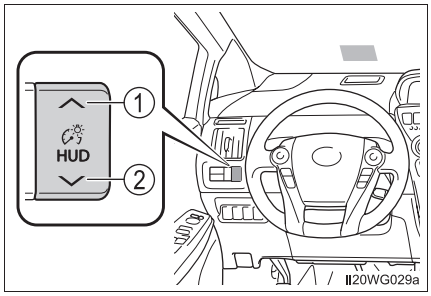
Setting up the display

■ Setting the brightness

The brightness of the display is automatically adjusted in accordance with the brightness of the surrounding environment. However, the brightness can also be manually adjusted in 5 stages.

① Brighter

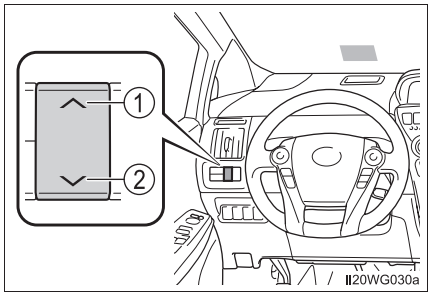
② Darker



■ Adjusting the display position

① Higher

② Lower



■ **System check display**

After switching the power switch to ON mode, system operation is checked. When the system check is complete, the normal screen will return.

■ **When driving on snowy roads or in other bright environments**

When the highest level of brightness has been reached, the display can be made even brighter by pressing and holding "∧" on the brightness control button.

Pressing "∨" on the brightness control button or turning the power switch off will cause the brightness level to revert to the original level.

■ **Head-up display**

- The head-up display may seem dark and hard to see when viewed through sunglasses, especially polarized sunglasses.
  Adjust the brightness of the head-up display or remove your sunglasses.
- When the head-up display is turned off, it will remain off even if the power switch is turned to ON mode after the power switch has been turned off.

■ **When the 12-volt battery is disconnected**

The head-up display settings will be reset.

WARNING

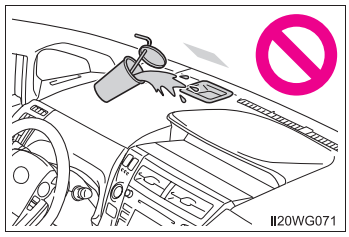
■ **Before using the head-up display**

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.

NOTICE

■ **To prevent damage to the components**

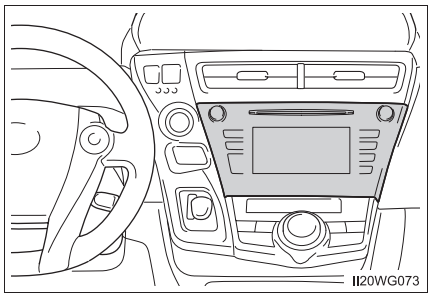
If an object falls into the opening of the head-up display, remove it immediately. Also, avoid spilling water or other liquids near the head-up display opening as this may cause mechanical damage.



Energy monitor/consumption screen

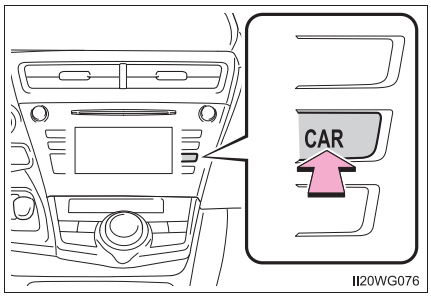
You can view the status of your hybrid system on the audio system screen.

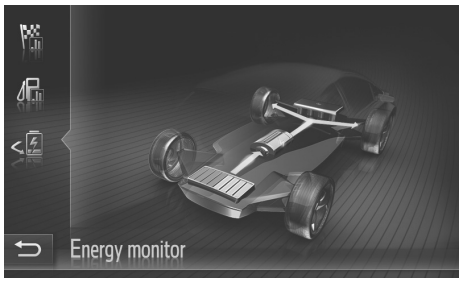
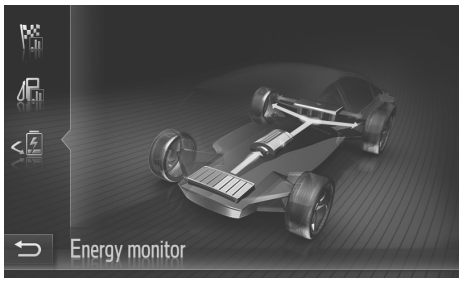
Audio system

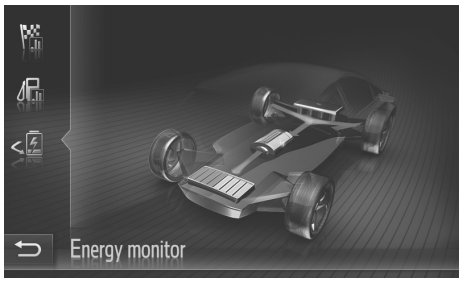
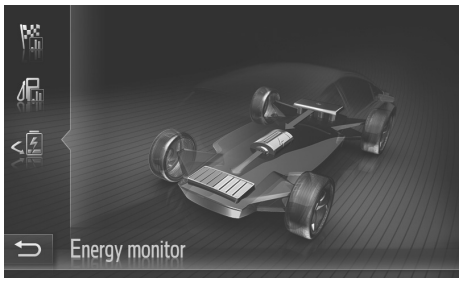
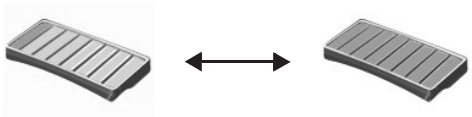


Energy monitor

1. Press the “CAR”.
2. Select “Energy monitor” on the “CAR” screen.



	Audio system screen
When the vehicle is powered by the electric motor (traction motor)	
When the vehicle is powered by both the gasoline engine and the electric motor (traction motor)	
When the vehicle is powered by the gasoline engine	

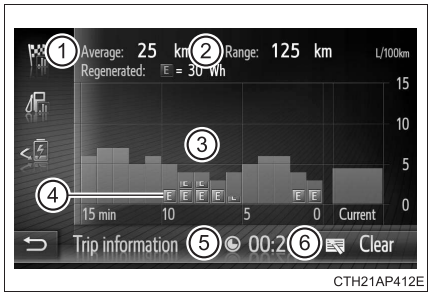
	Audio system screen
When the vehicle is charging the hybrid battery (traction battery)	 
When there is no energy flow	
Hybrid battery (traction battery) status	Low Full 

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

Trip information

1 Press the “CAR”. (→P. 131)

2 Select “Trip information” on the “CAR” screen.



CTH21AP412E

① Average vehicle speed since the hybrid system was started.

② Cruising range (→P. 135)

③ Fuel consumption in the past 15 minutes

④ Regenerated energy in the past 15 minutes

One symbol indicates 30 Wh.
Up to 5 symbols are shown.

⑤ Elapsed time since the hybrid system was started.

⑥ Resetting the consumption data

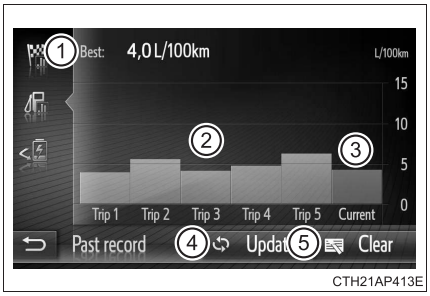
Average fuel consumption for the past 15 minutes is divided by color into past averages and averages attained since the power switch was last turned to ON mode. Use the displayed average fuel consumption as a reference.

The image is an example only.

Past record

1 Press the “CAR”. (→P. 131)

2 Select “Past record” on the “CAR” screen.



CTH21AP413E

① Best recorded fuel consumption

② Previous fuel consumption record

③ Average fuel consumption

④ Updating the average fuel consumption data

⑤ Resetting the past record 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.

The image is an example only.

■ Updating the past record data

Update the average 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”.

■ 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.

Operation of each component 3

3-1. Key information
Keys.....138
3-2. Opening, closing and locking the doors
Side doors.....142
Back door.....146
Smart entry & start system 151
3-3. Adjusting the seats
Front seats.....165
Second seats.....169
Third seats.....174
Head restraints 177
3-4. Adjusting the steering wheel and mirrors
Steering wheel.....180
Inside rear view mirror 182
Outside rear view mirrors 184
3-5. Opening and closing the windows
Power windows.....186

Keys

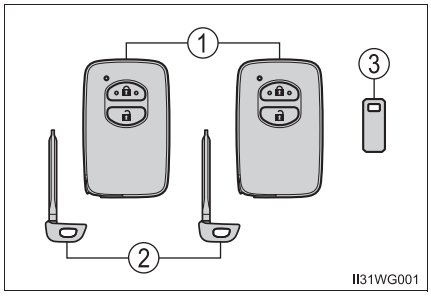
The keys

The following keys are provided with the vehicle.

① Electronic keys
- Operating the smart entry & start system (→P. 151)
- Operating the wireless remote control function

② Mechanical keys

③ Key number plate

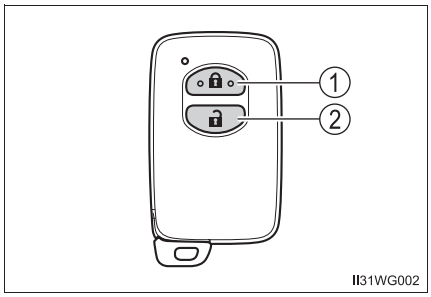


Wireless remote control

① Locks all the doors (→P. 142)

Check that the door is securely locked.

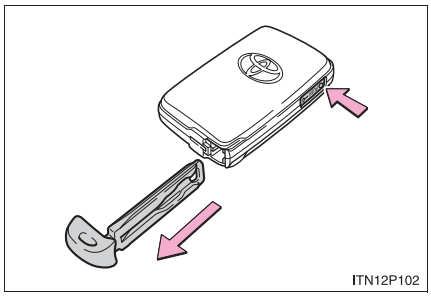
② Unlocks all the doors (→P. 142)



Using the mechanical key

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

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. 437)



If you lose your mechanical keys

New genuine mechanical keys can be made by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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.

When riding in an aircraft

When bringing an electronic key onto an aircraft, make sure you do not press any buttons on the electronic key while inside the aircraft cabin. If you are carrying an electronic key in your bag etc., ensure that the buttons are not likely to be pressed accidentally. Pressing a button may cause the electronic key to emit radio waves that could interfere with the operation of the aircraft.

■ **Electronic key battery depletion**

- The standard battery life is 1 to 2 years.
- If the battery becomes low, an alarm will sound in the cabin and a message will be displayed on the multi-information display (if equipped) when the hybrid system stops. (→P. 403)
- 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. 351)
  - 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
  - Induction cookers
  - Table lamps

■ **Replacing the battery**

→P. 351

■ **If a wrong key is used**

The key cylinder rotates freely to isolate inside mechanism.

NOTICE

■ **To prevent key damage**

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

■ **Carrying the electronic key on your person**

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

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

Take your vehicle with all the electronic keys provided with your vehicle to any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **When an electronic key is lost**

If the electronic key remains lost, the risk of vehicle theft increases significantly. Visit any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately with all remaining electronic keys that were provided with your vehicle.

Side doors

The vehicle can be locked and unlocked using the entry function, wireless remote control or door lock switch.

Unlocking and locking the doors from the outside

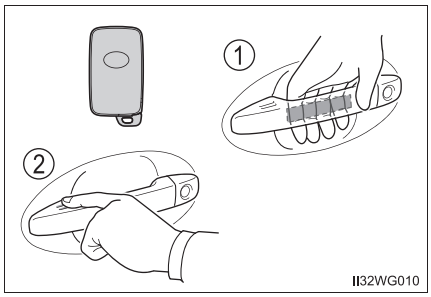
◆ Smart entry & start system

Carry the electronic key to enable this function.

① Grip the driver's door handle or front passenger door handle with the sensor (if equipped) to unlock the door.

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

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



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

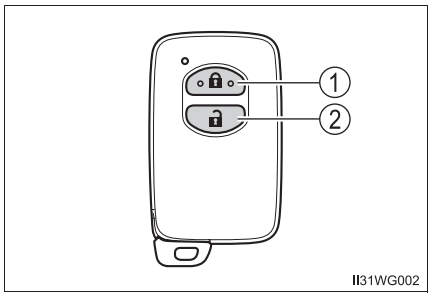
Check that the door is securely locked.

◆ Wireless remote control

① Locks all the doors

Check that the door is securely locked.

② Unlocks all the doors



■ **Operation signals**

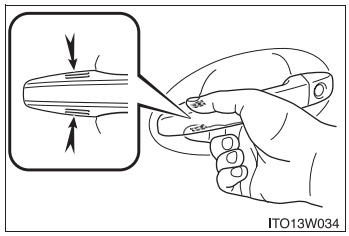
The emergency flashers flash to indicate that the doors have been locked/unlocked. (Locked: Once; Unlocked: Twice)

■ **Security feature**

If a door is not opened within approximately 30 seconds after the vehicle is unlocked, the security feature automatically locks the vehicle again.

■ **When the door cannot be locked by the lock sensor on the upper part of the door handle**

If the door will not lock even when the top-side sensor area is touched, try touching both the topside and underside sensor areas at the same time.



■ **Door lock buzzer**

If an attempt to lock the doors is made when a door is not fully closed, a buzzer sounds continuously for 5 seconds. Fully close the door to stop the buzzer, and lock the vehicle once more.

■ **Setting the alarm (if equipped)**

Locking the doors will set the alarm system. (→P. 97)

■ **If the smart entry & start system or the wireless remote control does not operate properly**

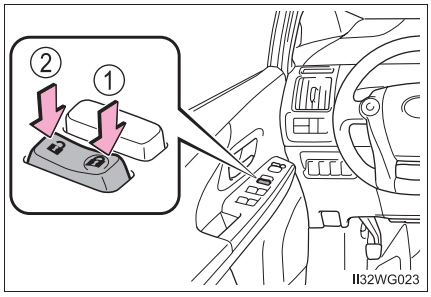
- Use the mechanical key to lock and unlock the doors. (→P. 437)
- Replace the key battery with a new one if it is depleted. (→P. 351)

Locking and unlocking the doors from the inside

◆ Door lock switch

① Locks all the doors

② Unlocks all the doors

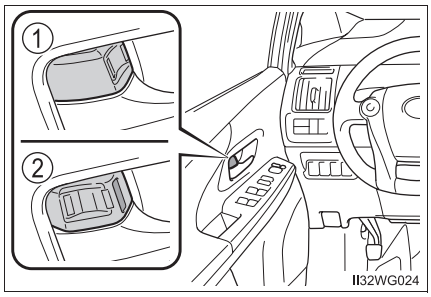


◆ Inside lock buttons

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 ACCESSORY or ON mode, or the electronic key is left inside the vehicle.

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

Rear door child-protector lock

The door cannot be opened from inside the vehicle when the lock is set.

① Unlock

② Lock

These locks can be set to prevent children from opening the rear doors. Push down on each rear door switch to lock both rear doors.



Customization

Settings (e.g. unlocking function using a key) can be changed.
(Customizable features: →P. 465)

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

- Ensure that all doors are properly closed.
- Do not pull the inside handle of the doors while driving.

  Be especially careful for the front doors, as the door may be opened even if the inside lock buttons are in locked position.
- Set the rear door child-protector locks when children are seated in the rear seats.

When opening or closing a door

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

Back door

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

◆ Smart entry & start system (if equipped)

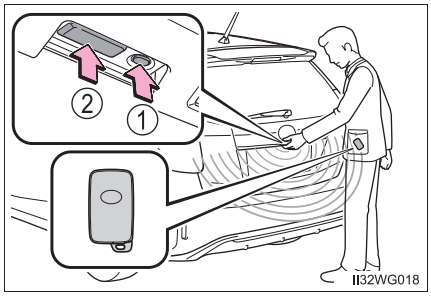
Carry the electronic key to enable this function.

① Locks all the doors

Check that the door is securely locked.

② Unlocks all the doors

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



◆ Wireless remote control

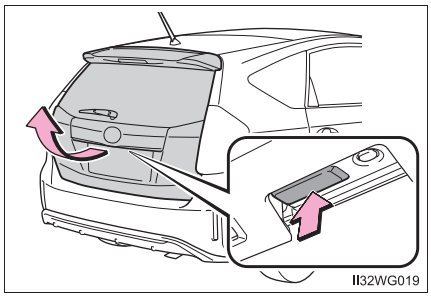
→P. 138

◆ Door lock switch

→P. 144

Opening the back door from outside the vehicle

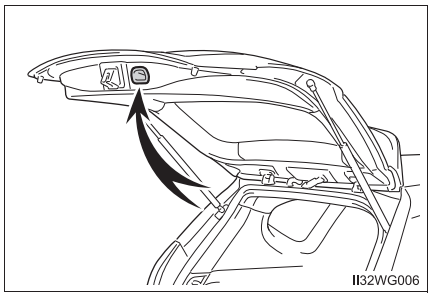
Raise the back door while pushing up the back door opener switch.



When closing the back door

Lower the back door using the back door handle, and make sure to push the back door down from the outside to close it.

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



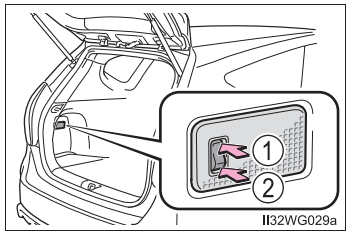
Luggage compartment light

The luggage compartment light turns on when the back door is opened with the luggage compartment light switch on.

① Off

② On

When the power switch is turned off, the light will go off automatically after 20 minutes.

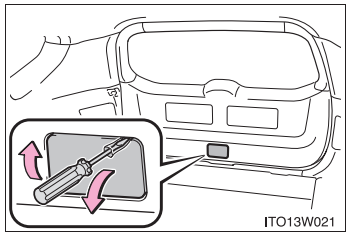


If the back door opener is inoperative

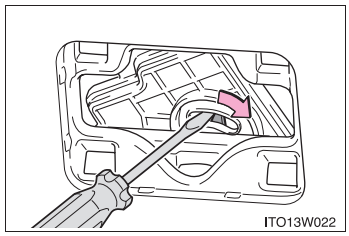
The back door can be unlocked from the inside.

1 Remove the cover.

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



2 Push the lever.



⚠ WARNING

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

■ **Before driving**

- Make sure that the back door is fully closed. If the back door is not fully closed, it may open unexpectedly while driving and hit near-by objects or luggage in the luggage compartment may be thrown out, causing an accident.
- Do not allow children to play in the luggage compartment.
  If a child is accidentally locked in the luggage compartment, they could have heat exhaustion or other injuries.
- Do not allow a child to open or close the back door.
  Doing so may cause the back door to open unexpectedly, or cause the child's hands, head, or neck to be caught by the closing back door.

■ **Important points while driving**

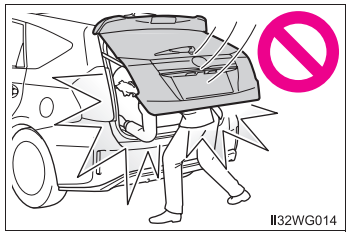
- Keep the back door closed while driving.
  If the back door is left open, it may hit near-by objects or luggage in the luggage compartment may be thrown out, causing an accident.
- Never let anyone sit in the luggage compartment. In the event of sudden braking, sudden swerving or a collision, they are susceptible to death or serious injury.

WARNING

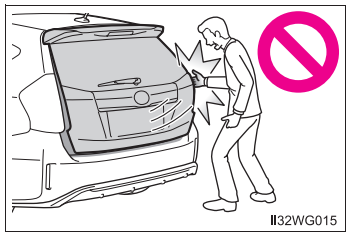
■ Operating the back door

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.
- The back door may suddenly shut if it is not opened fully. It is more difficult to open or close the back door on an incline than on a level surface, so beware of the back door unexpectedly opening or closing by itself. Make sure that the back door is fully open and secure before using the luggage compartment.



- When closing the back door, take extra care to prevent your fingers etc. from being caught.
- When closing the back door, make sure to press it lightly on its outer surface. If the back door handle is used to fully close the back door, it may result in hands or arms being caught.



- Do not pull on the back door damper stay to close the back door, and do not hang on the back door damper stay.
  Doing so may cause hands to be caught or the back door damper stay to break, causing an accident.
- If a bicycle carrier or similar heavy object is attached to the back door, it may suddenly shut again after being opened, causing someone's hands, head or neck to be caught and injured. When installing an accessory part to the back door, using a genuine Toyota part is recommended.

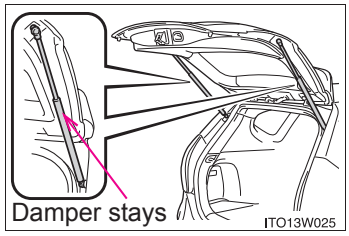
NOTICE

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.

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.

- Unlocks and locks the doors (→P. 142)
- Unlocks and locks the back door (→P. 146)
- Starts and stops the hybrid system (→P. 201)

Antenna location

① Antenna outside the cabin (driver's side)

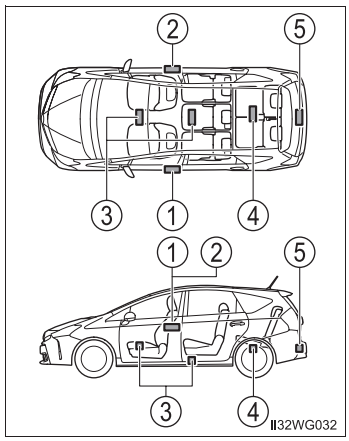
② Antenna outside the cabin (front passenger's side)*

③ Antennas inside the cabin

④ Antenna inside the luggage compartment

⑤ Antenna outside the luggage compartment*

*: If equipped

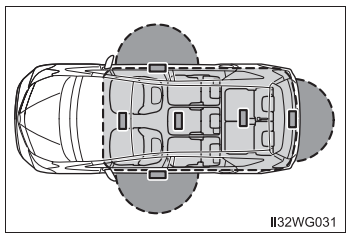


Effective range (areas within which the electronic key is detected)

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 driver's door handle, front passenger's door handle* and back door opener switch*. (Only the doors detecting the key can be operated.)

*: If equipped



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**

▶ Vehicles without multi-information display

The warning buzzer sounds and the warning light illuminates to protect against unexpected accidents resulting from erroneous operation or theft of the vehicle. When the warning light illuminates, take appropriate measures based on the situation.

▶ Vehicles with multi-information display

An alarm sounds and warning message displays shown on the multi-information display are used to protect against unexpected accidents or theft of the vehicle resulting from erroneous operation. When a warning message is displayed, take appropriate measures based on the displayed message.
(→P. 388)

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

Alarm	Situation	Correction procedure
Exterior alarm sounds once for 5 seconds	Vehicles without multi-information display: An attempt was made to lock the doors using the entry function while the electronic key was still inside the passenger compartment.	Retrieve the electronic key from the passenger compartment and lock the doors again.
	Vehicles without multi-information display: An attempt was made to lock either front door by opening a door and putting the inside lock button into the lock position, then closing the door by pulling the outside door handle with the electronic key still inside the vehicle.	
	An attempt was made to lock the vehicle while a door was open.	Close all of the doors and lock the doors again.

Alarm	Situation	Correction procedure
Interior alarm pings repeatedly	The power switch was turned to ACCESSORY mode while the driver's door was open (The driver's door was opened when the power switch was in ACCESSORY mode).	Turn the power switch off and close the driver's door.
	The driver's door was opened while any shift position other than P was selected without turning off the power switch.	Shift the shift position to P.

■ Battery-saving function

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

- In the following situations, the smart entry & start system may take some time to unlock the doors.
  - The electronic key has been left in an area of approximately 2 m (6 ft.) of the outside of the vehicle for 10 minutes or longer.
  - The smart entry & start system has not been used for 5 days or longer.
- If the smart entry & start system has not been used for 14 days or longer, the doors cannot be unlocked at any doors except the driver's door. In this case, take hold of the driver's door handle, or use the wireless remote control or the mechanical key, to unlock the doors.

■ **Conditions affecting operation**

The smart entry & start system, wireless remote control and immobilizer system use weak radio waves. In the following situations, the communication between the electronic key and the vehicle may be affected, preventing the smart entry & start system, wireless remote control and immobilizer system from operating properly.
(Ways of coping: →P. 437)

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

■ **Note for the entry function**

- Even when the electronic key is within the effective range (detection areas), the system may not operate properly in the following cases:
  - The electronic key is too close to the window or outside door handle, near the ground, or in a high place when the doors are locked or unlocked.
  - The electronic key is near the ground or in a high place, or too close to the rear bumper center when the back door is opened.
  - The electronic key is on the instrument panel, luggage room, 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 unlocked or locked by anyone.
- Even if the electronic key is not inside the vehicle, it may be possible to start the hybrid system if the electronic key is near the window.
- The doors may unlock if a large amount of water splashes on the door handle, such as in the rain or in a car wash when the electronic key is within the effective range. (The door will automatically be locked after approximately 30 seconds if the doors are not opened and closed.)
- If the wireless remote control is used to lock the doors when the electronic key is near the vehicle, there is a possibility that the door may not be unlocked by the entry function. (Use the wireless remote control to unlock the doors.)
- Touching the door lock sensor while wearing gloves may delay or prevent lock operation. Remove the gloves and touch the lock sensor again.
- If the door handle becomes wet while the electronic key is within the effective range, the door may unlock and lock repeatedly. 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.)
- 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 (if equipped) 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, or use the lock sensor on the lower part of the door handle.

- A sudden approach to the effective range or door handle may prevent the doors from being unlocked. In this case, return the door handle to the original position and check that the doors unlock before pulling the door handle again.
- If there is another electronic key in the detection area, it may take slightly longer to unlock the doors after the door handle is gripped.
- Fingernails may scrape against the door during operation of the door handle. Be careful not to injure fingernails or damage the surface of the door.

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. 465)

To operate the system properly

Make sure to carry the electronic key when operating the system. Do not get the electronic key too close to the vehicle when operating the system from the outside of the vehicle.

Depending on the position and holding condition of the electronic key, the key may not be detected correctly and the system may not operate properly. (The alarm may go off accidentally, or the door lock prevention may not operate.)

If the smart entry & start system does not operate properly

- Locking and unlocking the doors: Use the mechanical key. (→P. 437)
- Starting the hybrid system: →P. 437

Customization

Settings (e.g. smart entry & start system) can be changed.
(Customizable features: →P. 465)

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

- Unlocking and locking the doors:
  Use the wireless remote control or mechanical key. (→P. 142, 437)
- Starting the hybrid system and changing power switch modes: →P. 437
- Stopping the hybrid system: →P. 202

Certification for the smart entry & start system

TOYOTA

TOYOTA MOTOR CORPORATION

1, TOYOTA-CHO, TOYOTA, AICHI, 471-8571, JAPAN TEL:+81-565-28-2121

R&TTE Declaration of Conformity

We,

Manufacturer's Name: TOYOTA MOTOR CORPORATION
Manufacturer's Address: 1, Toyota -cho, Toyota, Aichi, 471-8572, Japan

hereby declare under our sole responsibility that the product:

Product Name: LF Oscillator
Product Model: TMLF8-2
to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the R&TTE Directive (1999/5/EC). The product is compliant with the following standards and/or other normative documents:

-Health & safety requirements:	EN 60950-1
-EMC requirements	EN 301 489-01 & EN 301 489-03
-Effective uses of radio spectrum:	EN 300 330-2

Supplementary information:

* CE mark	CE
* Member states intended for use	EU and EFTA

Date: February 25, 2013

Signature: Tetsuya Matsuo

Tetsuya Matsuo

Hereby, Toyota Motor Corporation, declares that this TMLF8-2 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Toyota Motor Corporation vakuuttaa täten että TMLF8-2 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart Toyota Motor Corporation dat het toestel TMLF8-2 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Par la présente Toyota Motor Corporation déclare que l'appareil TMLF8-2 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar Toyota Motor Corporation att denna TMLF8-2 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Undertegnede Toyota Motor Corporation erklærer herved, at følgende udstyr TMLF8-2 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Toyota Motor Corporation, dass sich das Gerät TMLF8-2 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Toyota Motor Corporation ΔΗΛΩΝΕΙ ΟΤΙ TMLF8-2 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente Toyota Motor Corporation dichiara che questo TMLF8-2 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Por medio de la presente Toyota Motor Corporation declara que el TMLF8-2 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Toyota Motor Corporation declara que este TMLF8-2 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, Toyota Motor Corporation, jiddikjara li dan TMLF8-2 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab Toyota Motor Corporation seadme TMLF8-2 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Toyota Motor Corporation nyilatkozom, hogy a TMLF8-2 megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

Toyota Motor Corporation týmto vyhlasuje, že TMLF8-2 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Toyota Motor Corporation tímto prohlašuje, že tento TMLF8-2 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Toyota Motor Corporation izjavlja, da je ta TMLF8-2 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Toyota Motor Corporation deklaruoja, kad šis TMLF8-2 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Toyota Motor Corporation deklarē, ka TMLF8-2 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Toyota Motor Corporation oświadcza, że TMLF8-2 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Toyota Motor Corporation yfir því að TMLF8-2 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Toyota Motor Corporation erklærer herved at utstyret TMLF8-2 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, Toyota Motor Corporation, декларира, че TMLF8-2 е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.
Prin prezenta, Toyota Motor Corporation, declară că aparatul TMLF8-2 este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, Toyota Motor Corporation, izjavljuje da ovaj TMLF8-2 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Nepermjet kesaj, Toyota Motor Corporation, deklaroj qe ky TMLF8-2 eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.
Ovim Toyota Motor Corporation, izjavljuje da je TMLF8-2 u sklau s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).
Ovim, Toyota Motor Corporation, deklariše da je TMLF8-2 u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.

Hereby, Tokai Rika Co., Ltd., declares that this B72UA is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Tokai Rika Co., Ltd. vakuuttaa täten että B72UA tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart Tokai Rika Co., Ltd. dat het toestel B72UA in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Par la présente Tokai Rika Co., Ltd. déclare que l'appareil B72UA est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar Tokai Rika Co., Ltd. att denna B72UA står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Undertegnede Tokai Rika Co., Ltd. erklærer herved, at følgende udstyr B72UA overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Tokai Rika Co., Ltd., dass sich das Gerät B72UA in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Tokai Rika Co., Ltd. ΔΗΛΩΝΕΙ ΟΤΙ B72UA ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente Tokai Rika Co., Ltd. dichiara che questo B72UA è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Por medio de la presente Tokai Rika Co., Ltd. declara que el B72UA cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Tokai Rika Co., Ltd. declara que este B72UA está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, Tokai Rika Co., Ltd., jiddikjara li dan B72UA jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab Tokai Rika Co., Ltd. seadme B72UA vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Tokai Rika Co., Ltd. nyilatkozom, hogy a B72UA megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Tokai Rika Co., Ltd. týmto vyhlasuje, že B72UA spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Tokai Rika Co., Ltd. tímto prohlašuje, že tento B72UA je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Tokai Rika Co., Ltd. izjavlja, da je ta B72UA v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Tokai Rika Co., Ltd. deklaruoja, kad šis B72UA atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Tokai Rika Co., Ltd. deklarē, ka B72UA atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Tokai Rika Co., Ltd. oświadcza, że B72UA jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Tokai Rika Co., Ltd. yfir því að B72UA er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Tokai Rika Co., Ltd. erklærer herved at utstyret B72UA er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, Tokai Rika Co., Ltd., декларира, че B72UA е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.
Prin prezenta, Tokai Rika Co., Ltd., declară că aparatul B72UA este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, Tokai Rika Co., Ltd., izjavljuje da ovaj B72UA je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Nepermjet kesaj, Tokai Rika Co., Ltd., deklaroj qe ky B72UA eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.
Ovim Tokai Rika Co., Ltd., izjavljuje da je B72UA u sklau s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).
Ovim, Tokai Rika Co., Ltd., deklariše da je B72UA u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.

The DECLARATION of CONFORMITY (DoC) is available at the following address:
http://www.tokai-rika.co.jp/pc/

CE

Hereby, Tokai Rika Co., Ltd., declares that this B74EA is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Tokai Rika Co., Ltd. vakuuttaa täten että B74EA tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart Tokai Rika Co., Ltd. dat het toestel B74EA in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Par la présente Tokai Rika Co., Ltd. déclare que l'appareil B74EA est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar Tokai Rika Co., Ltd. att denna B74EA står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Undertegnede Tokai Rika Co., Ltd. erklærer herved, at følgende udstyr B74EA overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Tokai Rika Co., Ltd., dass sich das Gerät B74EA in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Tokai Rika Co., Ltd. ΔΗΛΩΝΕΙ ΟΤΙ B74EA ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente Tokai Rika Co., Ltd. dichiara che questo B74EA è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Por medio de la presente Tokai Rika Co., Ltd. declara que el B74EA cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
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Käesolevaga kinnitab Tokai Rika Co., Ltd. seadme B74EA vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Tokai Rika Co., Ltd. nyilatkozom, hogy a B74EA megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Tokai Rika Co., Ltd. týmto vyhlasuje, že B74EA spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Tokai Rika Co., Ltd. tímto prohlašuje, že tento B74EA je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Tokai Rika Co., Ltd. izjavlja, da je ta B74EA v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Tokai Rika Co., Ltd. deklaruoja, kad šis B74EA atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Tokai Rika Co., Ltd. deklarē, ka B74EA atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Tokai Rika Co., Ltd. oświadcza, że B74EA jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Tokai Rika Co., Ltd. yfir því að B74EA er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Tokai Rika Co., Ltd. erklærer herved at utstyret B74EA er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
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Prin prezenta, Tokai Rika Co., Ltd., declară că aparatul B74EA este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, Tokai Rika Co., Ltd., izjavljuje da ovaj B74EA je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
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Ovim, Tokai Rika Co., Ltd., deklariše da je B74EA u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.

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CE

WARNING

■ **Caution regarding interference with electronic devices**

- People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should keep away from 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 dealer or repairer, or another duly qualified and equipped professional 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 dealer or repairer, or another duly qualified and equipped professional for details on disabling the entry function.

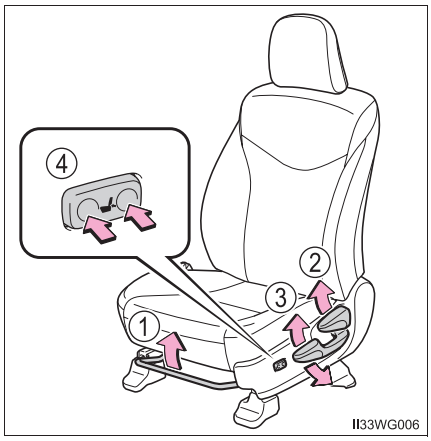
On vehicles with the navigation system, the entry function can be disabled personally. (→P. 465)

Front seats

Adjustment procedure

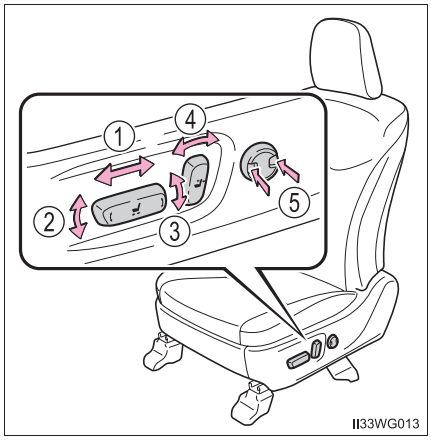
▶ Manual seat

① Seat position adjustment lever
② Seatback angle adjustment lever
③ Vertical height adjustment lever (for driver's side)
④ Lumbar support adjustment switch (for driver's side)



▶ Power seat (for driver's side)

① Seat position adjustment switch
② Seat cushion (front) angle adjustment switch
③ Vertical height adjustment switch
④ Seatback angle adjustment switch
⑤ Lumbar support adjustment switch



Flattening the seatbacks

■ Before flattening the seatbacks

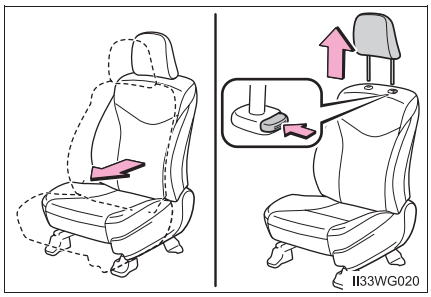
1 Stop the vehicle in a safe place.

Apply the parking brake firmly and shift the shift position to P. (→P. 209)

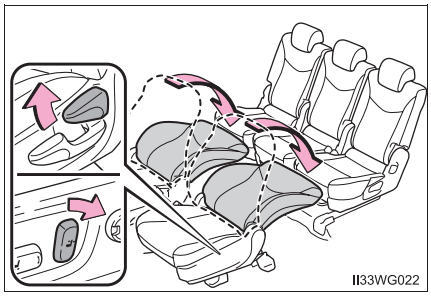
2 Slide the second seats as far back as possible. (→P. 169)

■ Flattening the seatbacks

1 Move the front seat forward and remove the head restraint. (→P. 177)



2 Tilt the front seatback to the same height as the rear seat cushion.



3 To return the seats, reverse the procedure.

After returning the seats to their original position, make sure to replace the head restraint.

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.

■ Seat adjustment

- To reduce the risk of sliding under the lap belt during a collision, do not recline the seat more than necessary.
  If the seat is too reclined, the lap belt may slide past the hips and apply restraint forces directly to the abdomen, or your neck may contact the shoulder belt, increasing the risk of death or serious injury in the event of an accident.
  Adjustments should not be made while driving as the seat may unexpectedly move and cause the driver to lose control of the vehicle.
- Manual seats: After adjusting the seat, make sure that the seat is locked in position.
- When returning the seats to their upright positions, be careful not to catch the seat belts.

■ Flattening the seats

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

- Do not flatten the seats while driving.
- In a flat place, apply the parking brake firmly and shift the shift position to P.
- Do not flatten the seats if they are occupied.
- Be careful not to get feet or hands caught in the moving parts or joints of the seats while flattening.
- Do not allow children to flatten the seats.
- Do not drive with passengers sitting on the flattened seatback or in the luggage compartment.
- Do not drive with luggage or passengers on the flattened seats.
- Do not allow children to enter the luggage compartment.
- After flattening, gently rock the seats to ensure they are firmly in place.
- Make sure that the seat belts are not caught in the gaps between the seats.

NOTICE

■ Flattening the seats

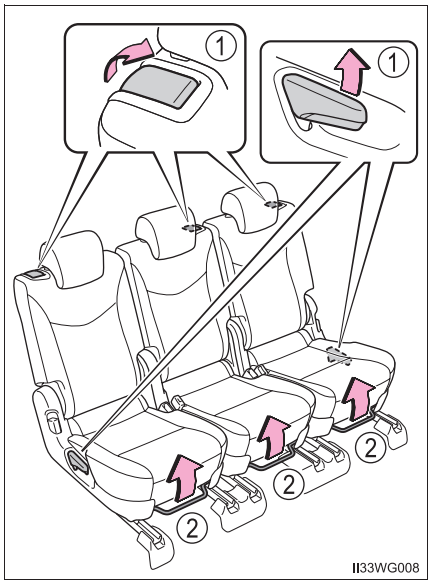
- Manual seats: When returning the seatback, adjust the reclining setting while holding the seatback.
- Do not move around on top of the flattened seats. Also, when climbing over a seat, move carefully and step on the center of the seat.

Second seats

Adjustment procedure

① Seatback angle adjustment lever

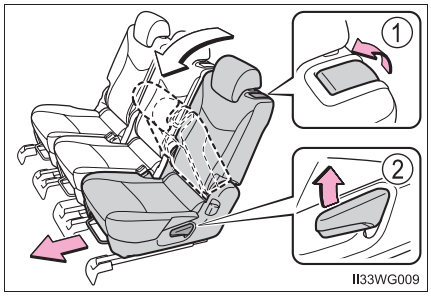
② Seat position adjustment lever



Moving a second seat for third seat access

Pull up the lever (either ① or ②), tilt the seatback forward, and slide the seat forward.

After getting in or out of the vehicle, slide the seat backward and raise the seatback.
Gently rock the seat back and forth to ensure that it is securely locked.



Before folding down the seatbacks

1 Park the vehicle in a safe place.

Apply the parking brake firmly and shift the shift position to P. (→P. 209)

2 Adjust the position of the front seat and the angle of the seatback. (→P. 165)

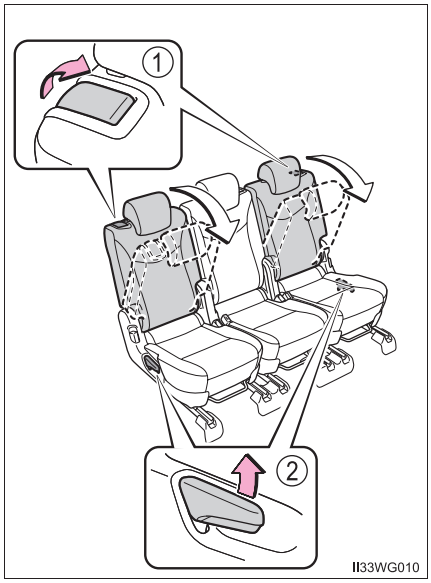
Depending on the position of the front seat, if the seatback is folded backward, it may interfere with the operation of the second seat.

3 Uncouple and stow the second center seat belt. (→P. 40)

4 Lower the head restraint of the second seat. (→P. 177)

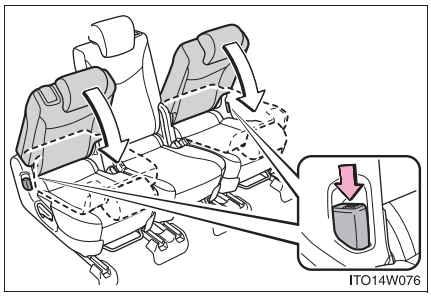
Folding down the seatbacks

1 Pull the lever (either ① or ②) and tilt the seatback forward.



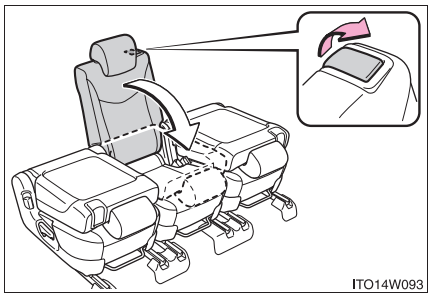
2 Press the seat-folding button.

The seats will be folded forward. Gently rock the seats back and forth to ensure that they are securely locked.



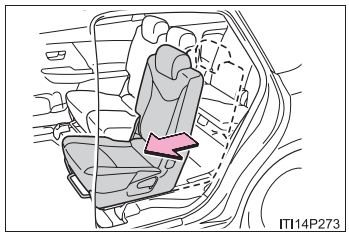
3 Pull the lever.

To return the rear seatbacks to their original positions, lift them up until they lock.



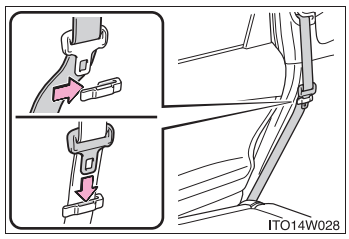
Adjusting the position of the outside seat back and forward

The seat cannot be locked if it slides forward as far as possible. After operating, return the seat to a lockable position, and secure it firmly in place.



Seat belt hangers

Stow the seat belts of the outside seats in their seat belt hangers when not in use.



WARNING

■ **When operating the seats**

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

- Do not fold the seatbacks down while driving.
- Stop the vehicle on level ground, apply the parking brake firmly and shift the shift position to P.
- Do not allow anyone to sit on a folded seatback.
- Do not operate the seat if it is occupied.
- Be careful not to get feet or hands caught in the moving parts or joints of the seats during operation.
- Do not allow children to operate the seat.
- After operation, rock the seat gently to ensure that it is firmly in place.

■ **Reclining adjustment**

- To reduce the risk of sliding under the lap belt during a collision, do not recline the seat more than necessary.
  If the seat is too reclined, the lap belt may slide past the hips and apply restraint forces directly to the abdomen, or your neck may contact the shoulder belt, increasing the risk of death or serious injury in the event of an accident.
  Adjustments should not be made while driving as the seat may unexpectedly move and cause the driver to lose control of the vehicle.
- After adjusting the seat, make sure that the seat is locked in position.

■ **After returning the seatback to the upright position**

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

- Make sure that the seatback is securely locked in position by lightly pushing it back and forth.
- Check that the seat belts are not twisted or caught in the seatback.
- Re-couple the second center seat belt if it has been uncoupled. (→P. 39)
- If the seat belt has been stowed using the seat belt hanger, check that the seat belt has been removed from the hanger. (→P. 171)

■ **After tilting the second seatback forward when getting in or out of the vehicle etc.**

Slide the seat backward and raise the seatback, and check that the seat is securely locked.
If the seat is not locked, the seat may unexpectedly move and cause death or serious injury.

NOTICE

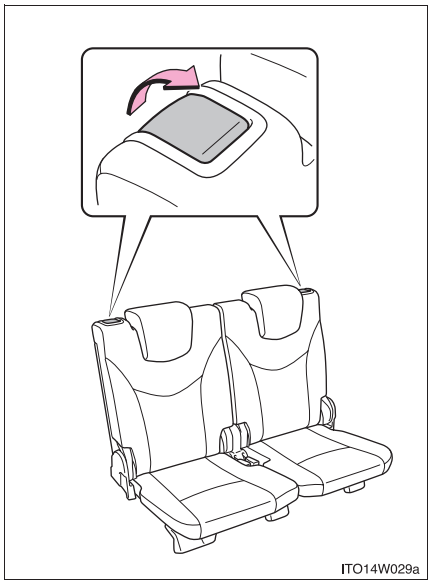
■ **When the third seat is folded forward**

To prevent damage to the seats, avoid making contact with the second seat when adjusting the third seat.

Third seats

Adjustment procedure

Seatback angle adjustment lever



Before folding down the seatbacks

1 Park the vehicle in a safe place.

Apply the parking brake firmly and shift the shift position to P. (→P. 209)

2 Adjust the position of the second seats and the angle of the seatback. (→P. 169)

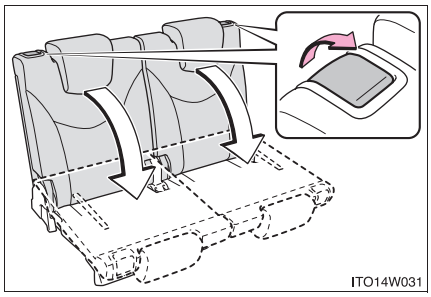
Depending on the position of the second seats, if the seatback is folded backward, it may interfere with the operation of the third seats.

3 Lower the head restraint of the third seats. (→P. 177)

Folding down the seatbacks

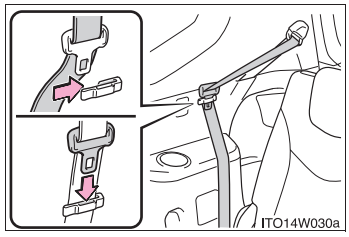
Pull the seatback angle adjustment lever.

To return the rear seatbacks to their original positions, lift them up until they lock.



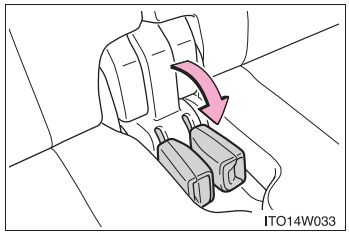
Seat belt hangers

Stow the seat belts in their seat belt hangers when not in use.



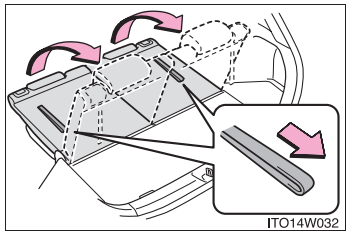
Stowing the seat belt buckles

The buckle can be stowed when the seatbelt is not in use.



Seatback strap

The folded third seat can be raised from the luggage compartment.



WARNING

■ **When operating the seats**
→P. 172

■ **Reclining adjustment**
→P. 172

■ **After returning the seatback to the upright position**
→P. 172

NOTICE

■ **When the third seat is folded forward**
→P. 173

Head restraints

Head restraints are provided for all seats.

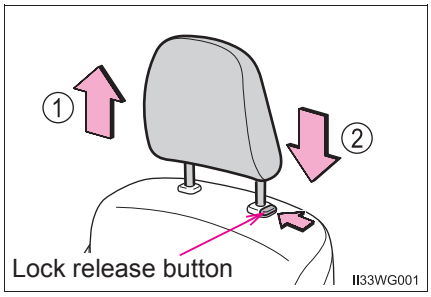
Front and second seats

① Up

Pull the head restraints up.

② Down

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



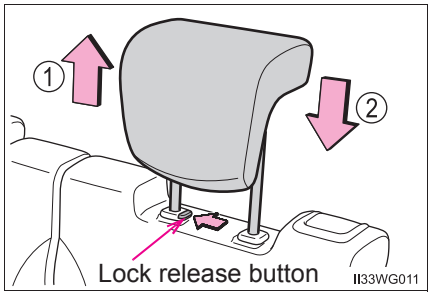
Third seats

① Up

Pull the head restraints up.

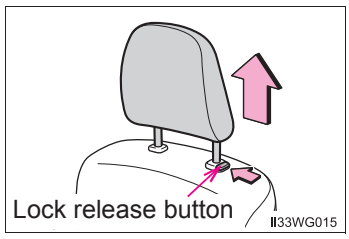
② Down

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



Removing the head restraints

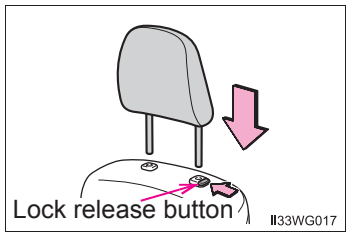
Pull the head restraint up while pressing the lock release button.



Installing the head restraints

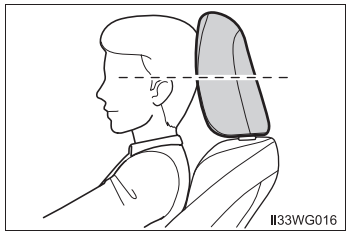
Align the head restraint with the installation holes while pressing the lock release button and push it down to the lock position.

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



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 second and third seats head restraint

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

WARNING

■ Head restraint precautions

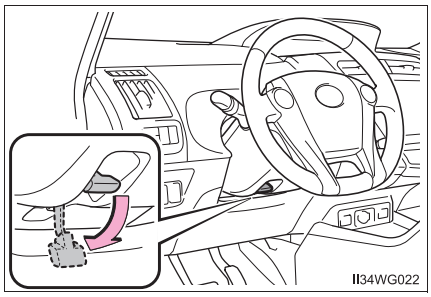
Observe the following precautions regarding the head restraints. Failure to do so may result in death or serious injury.

- 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.

Steering wheel

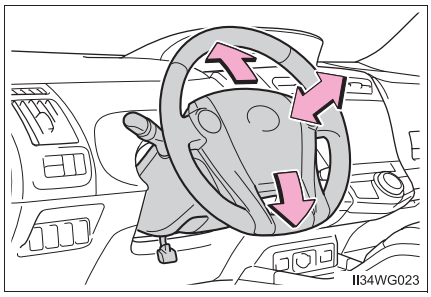
Adjustment procedure

1 Hold the steering wheel and push the lever down.



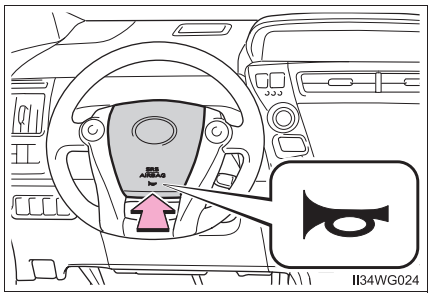
2 Adjust to the ideal position by moving the steering wheel horizontally and vertically.

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



Horn

To sound the horn, press on or close to the mark.



After adjusting the steering wheel

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

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.

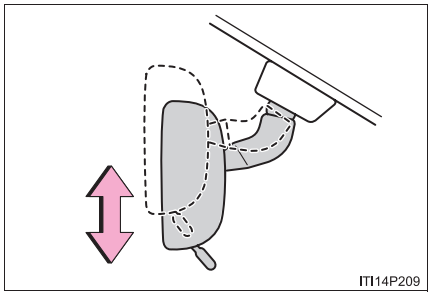
Inside rear view mirror

The rear view mirror's position can be adjusted to enable sufficient confirmation of the rear view.

Adjusting the height of rear view mirror (vehicles with manual anti-glare inside 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.



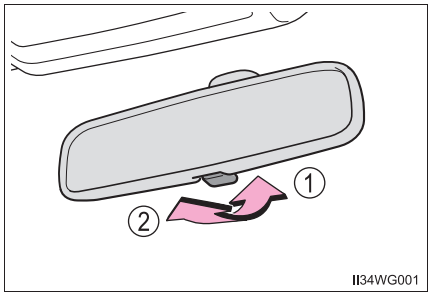
Anti-glare function

▶ Manual anti-glare inside rear view mirror

Reflected light from the headlights of vehicles behind can be reduced by operating the lever.

① Normal position

② Anti-glare position



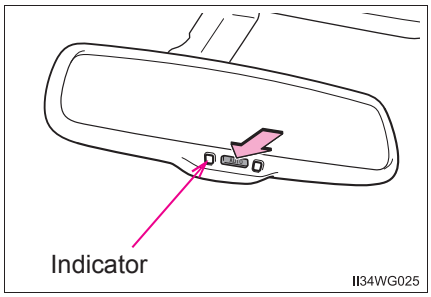
▶ Auto anti-glare inside rear view mirror

Responding to the level of brightness of the headlights of vehicles behind, the reflected light is automatically reduced.

Changing automatic anti-glare function mode

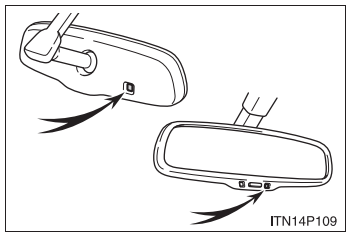
On/off

When the automatic anti-glare function is in ON mode, the indicator illuminates.
The function will set to ON mode each time the power switch is turned to ON mode.
Pressing the button turns the function to OFF mode. (The indicator also turns off.)



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

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



⚠ WARNING

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.

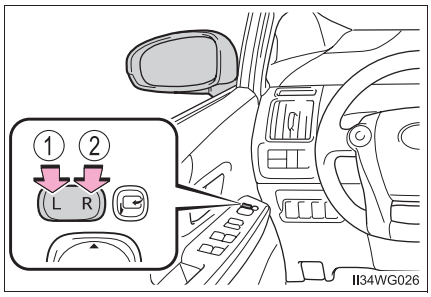
Outside rear view mirrors

Adjustment procedure

1 To select a mirror to adjust, press the switch.

① Left

② Right



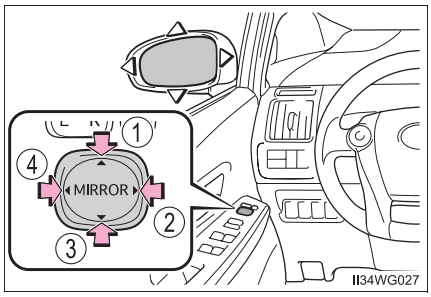
2 To adjust the mirror, press the switch.

① Up

② Right

③ Down

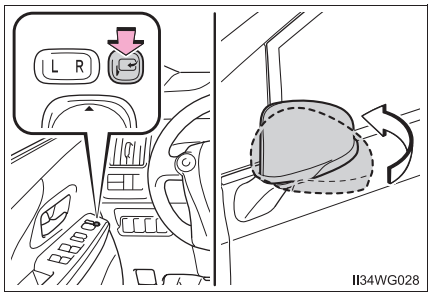
④ Left



Folding and extending the mirrors

Press the switch to fold the mirrors.

Press it again to extend them to the original position.



Mirror angle can be adjusted when

The power switch is in ACCESSORY or ON mode.

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. 273)

⚠ WARNING

Important points while driving

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

- Do not adjust the mirrors while driving.
- Do not drive with the mirrors folded.
- Both the driver and passenger side mirrors must be extended and properly adjusted before driving.

When a mirror is moving

To avoid personal injury and mirror malfunction, be careful not to get your hand caught by the moving mirror.

When the mirror defoggers are operating

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

Power windows

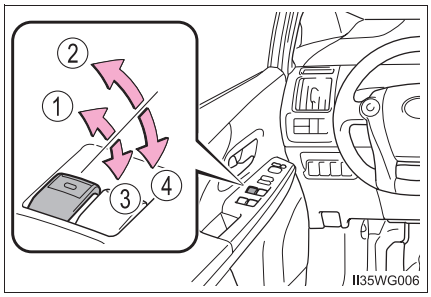
Opening and closing procedures

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.

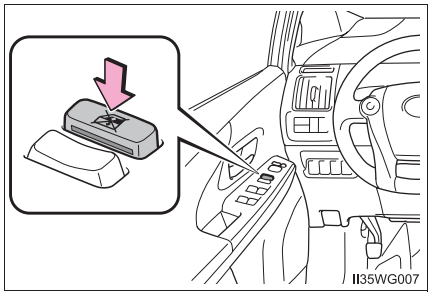


Window lock switch

Press the switch down to lock the passenger windows.

Use this switch to prevent children from accidentally opening or closing a passenger window.

Press the switch again to unlock the passenger windows.



■ The power windows can be operated when

The power switch is in ON mode.

■ Operating the power windows after turning the hybrid system off

The power windows can be operated for approximately 45 seconds even after the power switch is turned to ACCESSORY mode or turned off. They cannot, however, be operated once either front door is opened.

■ Up jam protection function

If an object becomes caught between the window and the window frame, window travel is stopped and the window is opened slightly.

■ **Down jam protection function**

When the window is opening, if a foreign object becomes caught between the window and the door, the operation stops.

■ **When opening and closing the window cannot be done**

When the up or down jam protection function operates unusually or the door window cannot be fully opened and closed, stop the vehicle and perform the following operations with the power window switch of that door.

- The door window cannot be closed: With the power switch in ON mode, continually operate the power window switch in the one-touch closing position within 4 seconds after the up jam protection function was activated.
  The door window cannot be opened: With the power switch in ON mode, continually operate the power window switch in the one-touch opening position within 4 seconds after the down jam protection function was activated.
- If the door window cannot be opened and closed even when performing the above operations, implement the following procedure for function initialization.

1 Turn the power switch to ON mode.

2 Pull and hold the power window switch in the one-touch closing position and completely close the door window.

3 Release the power window switch for a moment and then resume pulling and holding the switch in the one-touch closing position for approximately 4 seconds.

4 Press and hold the power window switch in the one-touch opening position and after the door window is completely opened, continue holding the switch for a further 1 second or more.

5 Pull and hold the power window switch in the one-touch closing position, once more, and after the door window is completely closed, continue holding the switch for a further 1 second or more.

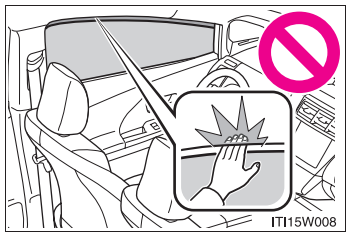
If you release the switch while the window is moving, start again from the beginning.
If the window reverses and cannot be closed or completely open, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

WARNING

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

■ Closing the windows

- The driver is responsible for all the power window operations, including the operation for the passengers. In order to prevent accidental operation, especially by a child, do not let a child operate the power windows. It is possible for children and other passengers to have body parts caught in the power window. Also, when riding with a child, it is recommended to use the window lock switch. (→P. 186)
- 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 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.

■ Up jam protection function

- Never use any part of your body to intentionally activate the up jam protection function.
- The up jam protection function may not work if something gets caught just before the window fully closes.

■ Down jam protection function

- Never allow passengers to use hands, arms, cloths, etc., to intentionally activate the down jam protection function.
- The down jam protection function may not work if a foreign object gets caught just before the window completely opens. Be careful not to get hands, arms, clothes, etc., caught in the window.

4-1. Before driving
Driving the vehicle 190
Cargo and luggage 198
Trailer towing 200
4-2. Driving procedures
Power (ignition) switch.....201
EV drive mode 206
Hybrid transmission 208
Turn signal lever 213
Parking brake.....214
4-3. Operating the lights and wipers
Headlight switch.....215
Fog light switch 218
Windshield wipers and washer 219
Rear window wiper and washer 223
4-4. Refueling
Opening the fuel tank cap.....224
4-5. Using the driving support systems
Cruise control.....227
Dynamic radar cruise control.....231
Driving mode select switch.....247
Driving assist systems 248
PCS (Pre-Crash Safety system) 254
4-6. Driving tips
Hybrid vehicle driving tips 262
Winter driving tips 265

Driving the vehicle

The following procedures should be observed to ensure safe driving:

Starting the hybrid system

→P. 201

Driving

1. With the brake pedal depressed, shift the shift position to D. (→P. 208)
   Check that the shift position indicator shows D.
2. Release the parking brake. (→P. 214)
3. Gradually release the brake pedal and gently depress the accelerator pedal to accelerate the vehicle.

Stopping

1. With the shift position in D, depress the brake pedal.
2. If necessary, set the parking brake.
   If the vehicle is to be stopped for an extended period of time, shift the shift position to P. (→P. 209)

Parking the vehicle

1. Stop the vehicle completely.
2. Set the parking brake. (→P. 214)
3. Shift the shift position to P. (→P. 209)
   Check that the shift position indicator shows 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 uphill

1 Firmly set the parking brake with the brake pedal depressed, and then shift the shift position to D.

2 Release the brake pedal and gently depress the accelerator pedal.

3 Release the parking brake.

When starting off on a uphill

The hill-start assist control will activate. (→P. 249)

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. 262)

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.

Breaking in your new Toyota

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

- For the first 300 km (200 miles):
  Avoid sudden stops.
- For the first 1600 km (1000 miles):
  - Do not drive at extremely high speeds.
  - Avoid sudden acceleration.
  - Do not drive at a constant speed for extended periods.

Drum-in-disc type parking brake system

Your vehicle has a drum-in-disc type parking brake system. This type of brake system needs bedding-down of the brake shoes periodically or whenever the parking brake shoes and/or drum are replaced. Have any authorized Toyota dealer or repairer, or another duly qualified and equipped professional perform the bedding down operation.

Operating your vehicle in a foreign country

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P. 455)

WARNING

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

■ When starting the vehicle

Always keep your foot on the brake pedal while stopped with the “READY” indicator is illuminated. This prevents the vehicle from creeping.

■ When driving the vehicle

- Do not drive if you are unfamiliar with the location of the brake and accelerator pedals to avoid depressing the wrong pedal.
  - Accidentally depressing the accelerator pedal instead of the brake pedal will result in sudden acceleration that may lead to an accident.
  - When backing up, you may twist your body around, leading to a difficulty in operating the pedals. Make sure to operate the pedals properly.
  - Make sure to keep a correct driving posture even when moving the vehicle only slightly. This allows you to depress the brake and accelerator pedals properly.
  - Depress the brake pedal using your right foot. Depressing the brake pedal using your left foot may delay response in an emergency, resulting in an accident.
- The driver should pay extra attention to pedestrians 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.
- 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. 369
- Use engine braking (shift position B instead of shift position D) 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. 209)
- 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.

WARNING

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

When driving on slippery road surfaces

- Sudden braking, acceleration and steering may cause tire slippage and reduce your ability to control the vehicle.
- Sudden acceleration, engine braking due to shifting, or changes in engine speed could cause the vehicle to skid, resulting in an accident.
- After driving through a puddle, depress the brake pedal to make sure that the brakes are functioning properly. Wet brake pads may prevent the brakes from functioning properly. If the brakes on only one side are wet and not functioning properly, steering control may be affected.

When shifting the shift position

- Do not let the vehicle roll backward while a forward driving position is selected, or roll forward while the shift position is in R.
  Doing so may result in an accident or damage to the vehicle.
- Do not shift the shift position to P while the vehicle is moving.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift position to R while the vehicle is moving forward.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift position to D while the vehicle is moving backward.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Moving the shift position 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 change the shift position with the accelerator pedal depressed.
  Changing the shift position to any position other than P or N may lead to unexpected rapid acceleration of the vehicle that may cause an accident and result in death or serious injury.

  After changing the shift position, make sure to confirm the current shift position displayed on the shift position indicator inside the meter.

WARNING

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

■ **If you hear a squealing or scraping noise (brake pad wear indicators)**

Have the brake pads checked and replaced by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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 position is in any position other than P or N, the vehicle may accelerate suddenly and unexpectedly, causing an accident.
- In order to prevent accidents due to the vehicle rolling away, always keep depressing the brake pedal while stopped with the “READY” indicator is illuminated, and apply the parking brake as necessary.
- If the vehicle is stopped on an incline, in order to prevent accidents caused by the vehicle rolling forward or backward, always depress the brake pedal and securely apply the parking brake as needed.
- Avoid revving or racing the engine.
  Running the engine at high speed while the vehicle is stopped may cause the exhaust system to overheat, which could result in a fire if combustible material is nearby.

WARNING

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

When the vehicle is parked

- Do not leave glasses, cigarette lighters, spray cans, or soft drink cans in the vehicle when it is in the sun.
  Doing so may result in the following:
  - Gas may leak from a cigarette lighter or spray can, and may lead to a fire.
  - The temperature inside the vehicle may cause the plastic lenses and plastic material of glasses to deform or crack.
  - Soft drink cans may fracture, causing the contents to spray over the interior of the vehicle, and may also cause a short circuit in the vehicle's electrical components.
- Do not leave cigarette lighters in the vehicle. If a cigarette lighter is in a place such as the glove box or on the floor, it may be lit accidentally when luggage is loaded or the seat is adjusted, causing a fire.
- Do not attach adhesive discs to the windshield or windows. Do not place containers such as air fresheners on the instrument panel or dashboard. Adhesive discs or containers may act as lenses, causing a fire in the vehicle.
- Do not leave a door or window open if the curved glass is coated with a metallized film such as a silver-colored one. Reflected sunlight may cause the glass to act as a lens, causing a fire.
- Always apply the parking brake, shift the shift position to P, stop the hybrid system and lock the vehicle.
  Do not leave the vehicle unattended while the "READY" indicator is illuminated.
- Do not touch the exhaust pipe while the "READY" indicator is illuminated or immediately after turning the hybrid system off.
  Doing so may cause burns.

WARNING

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

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 assist function does not operate, do not follow other vehicles closely and avoid downhill or sharp turns that require braking.
  In this case, braking is still possible, but the brake pedal should be depressed more firmly than usual. Also, the braking distance will increase. Have your brakes fixed immediately.
- The brake system consists of 2 or more individual hydraulic systems; if one of the systems fails, the other(s) will still operate. In this case, the brake pedal should be depressed more firmly than usual and the braking distance will increase. Have your brakes fixed immediately.

NOTICE

When driving the vehicle

- Do not depress the accelerator and brake pedals at the same time during driving, as this may restrain driving torque.
- 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 shift the shift position to P. Failure to do so may cause the vehicle to move or the vehicle may accelerate suddenly if the accelerator pedal is accidentally depressed.

NOTICE

■ **Avoiding damage to vehicle parts**

- Do not turn the steering wheel fully in either direction and hold it there for an extended period of time.
  Doing so may damage the power steering motor.
- When driving over bumps in the road, drive as slowly as possible to avoid damaging the wheels, underside of the vehicle, etc.

■ **If you get a flat tire while driving**

A flat or damaged tire may cause the following situations. Hold the steering wheel firmly and gradually depress the brake pedal to slow down the vehicle.

- It may be difficult to control your vehicle.
- The vehicle will make abnormal sounds or vibrations.
- The vehicle will lean abnormally.

Information on what to do in case of a flat tire: →P. 404, 418

■ **When encountering flooded roads**

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

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

In the event that you drive on a flooded road and the vehicle is flooded, be sure to have any authorized Toyota dealer or repairer, or another duly qualified and equipped professional check the following:

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

If the shift control system is damaged by flooding, it may not be possible to shift the shift position to P, or from P to other positions. When the shift position cannot be changed from P to any other position, the front wheels will lock, and you will be unable to tow the vehicle with the front wheels on the ground, as the front wheels may be locked. In this case, transport the vehicle with both front wheels or all four wheels lifted.

Cargo and luggage

Take notice of the following information about storage precautions, cargo capacity and load.

WARNING

■ Things that must not be carried in the luggage compartment

The following things may cause a fire if loaded in the luggage compartment:

- Receptacles containing gasoline
- Aerosol cans

■ Storage precautions

Observe the following precautions.
Failure to do so may prevent the pedals from being depressed properly, may block the driver's vision, or may result in items hitting the driver or passengers, possibly causing an accident.

- Stow cargo and luggage in the luggage compartment whenever possible.
- Do not stack cargo and luggage in the luggage compartment higher than the seatbacks.
- When you fold down the rear seats, long items should not be placed directly behind the front seats.
- Never allow anyone to ride in the luggage compartment. It is not designed for passengers. They should ride in their seats with their seat belts properly fastened.
- Do not place cargo or luggage in or on the following locations.
  - At the feet of the driver
  - On the front passenger or rear seats (when stacking items)
  - On the luggage cover (if equipped)
  - On the instrument panel
  - On the dashboard
- Secure all items in the occupant compartment.

■ Load and distribution

- Do not overload your vehicle.
- Do not apply loads unevenly.

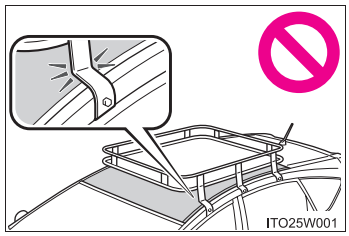
Improper loading may cause deterioration of steering or braking control which may cause death or serious injury.

NOTICE

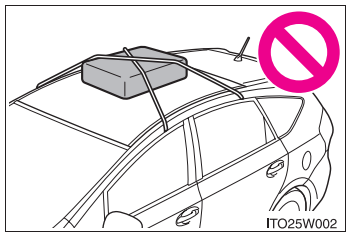
If luggage is loaded on the roof (vehicles with a panoramic roof)

Observe the following precautions. Failure to observe them could lead to the roof rack being damaged or deformed, or the roof rack falling off.

- Do not install a roof rack which interferes with the panoramic roof.

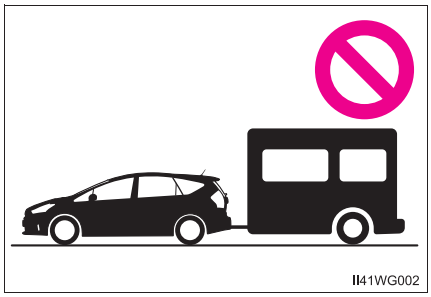


- Do not load luggage directly onto the panoramic roof.



Trailer towing

Toyota does not recommend towing a trailer with your vehicle. Toyota also does not recommend the installation of a tow hitch or the use of a tow hitch carrier for a wheelchair, scooter, bicycle, etc. Your vehicle is not designed for trailer towing or for the use of tow hitch mounted carriers.



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 Check that the parking brake is set.

2 Firmly depress the brake pedal.

Check that the power switch indicator turns green. If the indicator does not turn green, the hybrid system cannot be started.

When the shift position is N, the hybrid system cannot start. Shift the shift position to P when starting the hybrid system. (→P. 209)

3 Press the power switch.

If the “READY” indicator turns on, the hybrid system will operate normally.

Continue depressing the brake pedal until the “READY” indicator is illuminated.

The hybrid system can be started from any power switch mode.



4 Check that the “READY” indicator is illuminated.

If the “READY” indicator changes from a flashing light to a solid light and the buzzer sounds, the hybrid system is starting normally.
The vehicle will not move when the “READY” indicator is off.
The vehicle can move when the “READY” indicator is on even if the engine is stopped. (The gasoline engine starts or stops automatically in accordance with the state of the vehicle.)

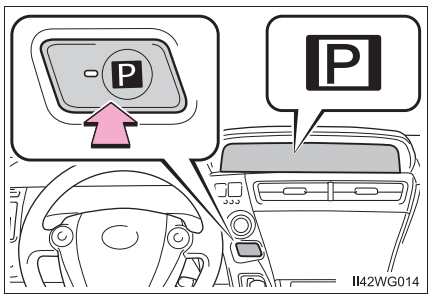
Stopping the hybrid system

1 Stop the vehicle completely.

2 Set the parking brake. (→P. 214)

3 Shift the shift position to P. (→P. 209)

Check that the shift position indicator shows P. (→P. 208)



4 Press the power switch.

The hybrid system will stop, and the meter display will be extinguished.

5 Slowly release the brake pedal and check that the indicator on the power switch is off.

Changing power switch modes

Modes can be changed by pressing the power switch with the brake pedal released. (The mode changes each time the switch is pressed.)

① Off

The emergency flashers can be used.

② ACCESSORY mode

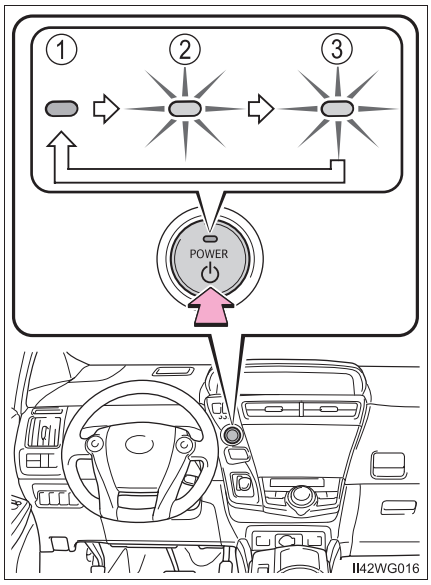
Some electrical components such as the audio system can be used.

The power switch indicator turns amber.

③ ON mode

All electrical components can be used.

The power switch indicator turns amber.



■ **Auto power off function**

If the vehicle is left in ACCESSORY mode for more than 20 minutes or ON mode (the hybrid system is not operating) for more than an hour with the shift position in P, the power switch will automatically turn off. However, this function cannot entirely prevent the 12-volt battery discharge. Do not leave the vehicle with the power switch in ACCESSORY or ON mode for long periods of time when the hybrid system is not operating.

■ **Sounds and vibrations specific to a hybrid vehicle**

→P. 84

■ **Electronic key battery depletion**

→P. 140

■ **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.

■ **Conditions affecting operation**

→P. 154

■ **Note for the entry function**

→P. 155

■ **If the hybrid system does not start**

The immobilizer system may not have been deactivated. (→P. 91)
Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **When the power switch indicator flashes in amber**

The system may be malfunctioning. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

■ **If the “READY” indicator does not come on**

In the event that the “READY” indicator does not come on even after performing the proper procedures for starting the vehicle, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

■ **If the hybrid system is malfunctioning**

→P. 390

■ **If the electronic key battery is depleted**

→P. 351

■ **Operation of the power switch**

- When operating the power switch, one short, firm press is enough. If the switch is pressed improperly, the hybrid system may not start or the power switch mode may not change. It is not necessary to press and hold the switch.
- 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.

■ **Automatically P position selection function**

→P. 211

■ **When the shift control system malfunctions**

The power switch will not be able to be turned off. In such a case, the switch can be turned off after applying the parking brake.
Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

Meter display

When the power switch is turned off, each display will turn off as follows.

- The shift position indicator will turn off after approximately 2 seconds.
- EV driving ratio and average fuel consumption after hybrid system started, turn off after approximately 6 seconds.
- The odometer, clock, etc. will turn off after approximately 30 seconds.

(Each display will also turn off immediately if a door is locked before 30 seconds has elapsed.)

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.

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. 369)
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.

NOTICE

To prevent 12-volt battery discharge

- Do not leave the power switch in ACCESSORY or ON mode for long periods of time without the hybrid system on.
- If the hybrid system is off, but the indicator on the power switch is illuminated, this indicates that the power switch is still turned on. When exiting the vehicle, always check that the power switch is off.

When starting the hybrid system

If the hybrid system becomes difficult to start, have your vehicle checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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 dealer or repairer, or another duly qualified and equipped professional immediately.

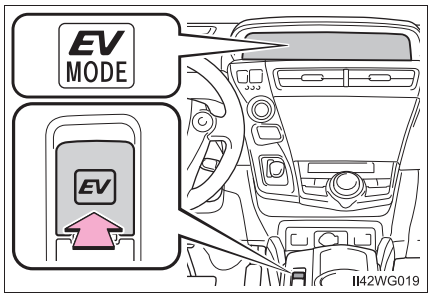
EV drive mode

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 late at night, or in indoor parking lots etc. without concern for noises and exhaust gas emissions.

Turns EV drive mode on/off

When EV drive mode is turned on, the EV drive mode indicator will come on. Pressing the switch when in EV drive mode will return the vehicle to normal driving (using the gasoline engine and electric motor [traction motor]).



Situations in which EV drive mode cannot be turned on

It may not be possible to turn EV drive mode on in the following situations. If it cannot be turned on, a buzzer will sound and a message will be shown on the multi-information display.

- The temperature of the hybrid system is high.
  The vehicle has been left in the sun, driven on a hill, driven at high speeds, etc.
- The temperature of the hybrid system is low.
  The vehicle has been left in temperatures lower than about 0°C (32°F) for a long period of time etc.
- The gasoline engine is warming up.
- The hybrid battery (traction battery) is low.
  The remaining battery level indicated in the energy monitor display is low. (→P. 110, 131)
- 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**

If the hybrid system is started while the gasoline engine is cold, the gasoline engine will start automatically after a short period of time in order to warm up. In this case, you will become unable to switch to EV drive mode.
After the hybrid system has started and the “READY” indicator has illuminated, press the EV drive mode switch before the gasoline engine starts to switch to EV drive mode.

■ **Automatic cancelation of EV drive mode**

When driving in EV drive mode, the gasoline engine may automatically restart in the following situations. When EV drive mode is canceled, a buzzer will sound and the EV drive mode indicator will flash and go off.

- The hybrid battery (traction battery) becomes low.
  The remaining battery level indicated in the energy monitor display is low. (→P. 110, 131)
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill etc.

When it is possible to inform the driver of automatic cancelation in advance, a prior notice screen will appear on the multi-information display.

■ **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.)

■ **Changing a driving mode when in EV drive mode**

EV drive mode can be used in conjunction with Eco drive mode and power mode.

However, EV drive mode may be automatically canceled when used in conjunction with power mode.

■ **Fuel economy**

The hybrid system is designed to achieve the best possible fuel economy during normal driving (using the gasoline engine and electric motor [traction motor]). Driving in EV drive mode more than necessary may lower fuel economy.

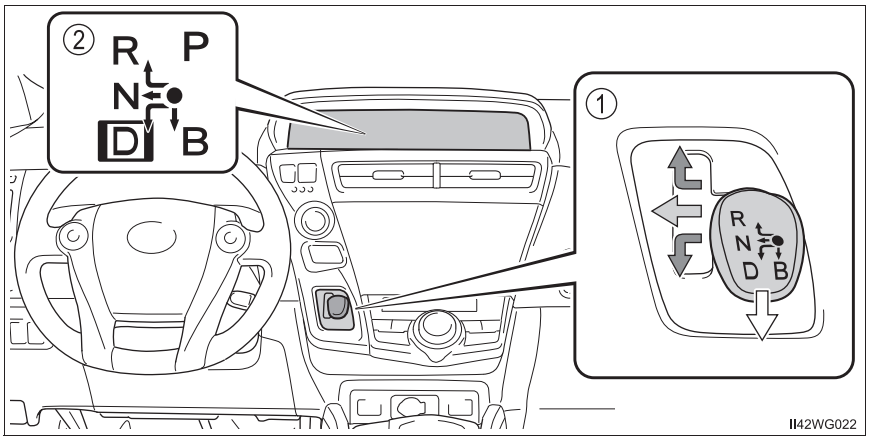
⚠ WARNING

■ **Caution while driving**

When driving in EV drive mode, pay special attention to the area around the vehicle. Because there is no engine noise, pedestrians, people riding bicycles or other people and vehicles in the area may not be aware of the vehicle starting off or approaching them, so take extra care while driving.

Hybrid transmission

Shifting the shift lever



① Shift lever

Operate the shift lever gently and ensure correct shifting operation.

Release the shift lever after each shifting operation to allow it to return to the ● position.

When shifting to the D or R, move the shift lever along the shift gate.

To shift to the N, slide the shift lever to the left (left-hand drive vehicle) or right (right-hand drive vehicle) and hold it. The shift position will change to N.

To shift to the B, pull the shift lever down. Shifting to B is only possible when shift position D is selected.

When shifting from P to N, D or R, from D to R, or from R to D, ensure that the brake pedal is being depressed and the vehicle is stationary.

② Shift position indicator

The position of the frame on the shift position indicator changes in accordance with the current shift position.

When any shift position other than D or B is selected, the arrow toward B and B position indicator disappear from the shift position indicator.

When selecting the shift position, make sure that the shift position has been changed to the desired position by checking the shift position indicator provided on the instrument cluster.

Shift position purpose

Shift position	Objective or function
P	Parking the vehicle/starting the hybrid system
R	Reversing
N	Neutral (Condition in which the power is not transmitted)
D	Normal driving*
B	Applying engine braking or strong braking when the accelerator pedal has been released on steep downward slopes etc.

*: For good fuel economy and noise reduction, the D position should usually be used.

Selecting a driving mode

→P. 247

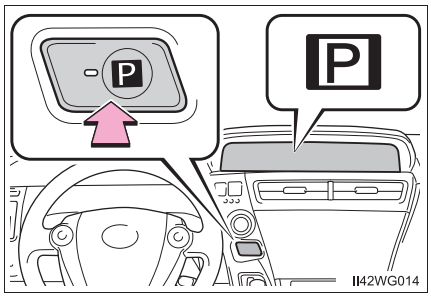
P position switch

■ When shifting the shift position to P

Fully stop the vehicle and set the parking brake, and then press the P position switch.

When the shift position is changed to P, the switch indicator comes on.

Check that the P position is illuminated on the shift position indicator.



■ Shifting the shift position from P to other positions

- While depressing the brake pedal firmly, operate the shift lever. If the shift lever is operated without depressing the brake pedal, the buzzer will sound and the shifting operation will be disabled.
- When selecting the shift position, make sure that the shift position has been changed to the desired position by checking the shift position indicator provided on the instrument cluster.
- The shift position cannot be changed from P to B directly.

■ **For the shift positions**

- When the power switch is off, the shift position cannot be changed.
- When the power switch is in ON mode (the hybrid system is not operating), the shift position can only be changed to N. The shift position will be changed to N even if the shift lever is shifted to D or R and held in that position.
- When the “READY” indicator is on, the shift position can be changed from P to D, N or R.
- When the “READY” indicator is flashing, the shift position cannot be changed from P to another position even if the shift lever is operated. Wait until the “READY” indicator changes from a flashing to a solid light, and then operate the shift lever again.
- The shift position can only be changed to B directly from D.

In addition, if an attempt is made to change the shift position by moving the shift lever or by pressing the P position switch in any of the following situations, the buzzer will sound and the shifting operation will be disabled or the shift position will automatically change to N. When this happens, select an appropriate shift position.

- Situations where the shifting operation will be disabled:
  - When an attempt is made to change the shift position from P to another position by moving the shift lever without depressing the brake pedal.
  - When an attempt is made to change the shift position from P or N to B by moving the shift lever.
- Situations where the shift position will automatically change to N:
  - When the P position switch is pressed while the vehicle is running.*1
  - When an attempt is made to select the R position by moving the shift lever when the vehicle is moving forward.*2
  - When an attempt is made to select the D position by moving the shift lever when the vehicle is moving in reverse.*3
  - When an attempt is made to change the shift position from R to B by moving the shift lever.

*1: Shift position may be changed to P when driving at extremely low speeds.

*2: Shift position may be changed to R when driving at low speeds.

*3: Shift position may be changed to D when driving at low speeds.

■ **Reverse warning buzzer**

When shifting into R, a buzzer will sound to inform the driver that the shift position is in R.

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.

Automatically P position selection function

When the shift position is in a position other than P, pressing the power switch with the vehicle stopped completely will cause the shift position to change to P automatically, and then the power switch will turn off.

If the shift position cannot be shifted from P

There is a possibility that the 12-volt battery is discharged. Check the 12-volt battery in this situation. (→P. 439)

After recharging/reconnecting the 12-volt battery

→P. 328

Customization

Settings (e.g. Reverse warning buzzer) can be changed.
(Customizable features: →P. 465)

⚠ WARNING

When driving on slippery road surfaces

Do not accelerate or shift the shift position suddenly.
Sudden changes in engine braking may cause the vehicle to spin or skid, resulting in an accident.

For the shift lever

Do not remove the shift lever knob or use anything but a genuine Toyota shift lever knob. Also, do not hang anything on the shift lever.
Doing so could prevent the shift lever from returning to position, causing unexpected accidents to occur when the vehicle is in motion.

P position switch

Do not press the P position switch while the vehicle is moving.
If the P position switch is pressed when driving at very low speeds (for example, directly before stopping the vehicle), the vehicle may stop suddenly when the shift position switches to P, which could lead to an accident.

NOTICE

Hybrid battery (traction battery) charge

If the shift position is in N, the hybrid battery (traction battery) will not be charged. To help prevent the battery from discharging, avoid leaving the N position selected for an extended period of time.

Situations where shift control system malfunctions are possible

If any of the following situations occurs, shift control system malfunctions are possible.
Immediately stop the vehicle in a safe place on level ground, apply the parking brake, and then contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

- Vehicles without multi-information display:
  When the “WHEN PARKING, APPLY PARKING BRAKE SECURELY” warning message appears on the instrument cluster. (→P. 379)
- Vehicles without multi-information display:
  When the parking lock system warning light is illuminated.
- Vehicles with multi-information display:
  When the warning message indicating the shift control system appears on the multi-information display. (→P. 390)
- When everything except the shift position indicator selection frame is illuminated.
- When the shift position indicator remains off.

Notes regarding shift lever and P position switch operation

Avoid repeatedly operating the shift lever and P position switch in quick succession.
The system protection function may activate and it will not be temporarily possible to shift the shift position other than P. If this happens, please wait for approximately 20 seconds before attempting to change the shift position again.

Turn signal lever

Operating instructions

① Right turn

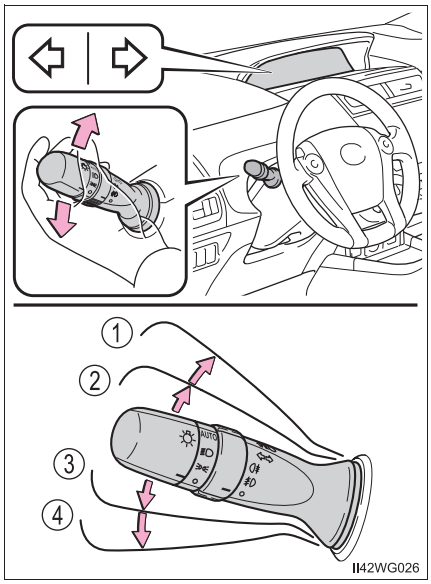
② Lane change to the right (move the lever partway and release it)

The right hand signals will flash until you release the lever.

③ Lane change to the left (move the lever partway and release it)

The left hand signals will flash until you release the lever.

④ Left turn



■ Turn signals can be operated when

The power switch is in ON mode.

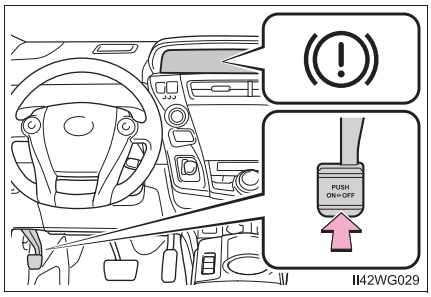
■ If the indicator flashes faster than usual

Check that a light bulb in the front or rear turn signal lights has not burned out.

Parking brake

Operating instructions

To set the parking brake, fully depress the parking brake pedal with your left foot while depressing the brake pedal with your right foot.
(Depressing the pedal again releases the parking brake.)



■ **Parking brake engaged warning buzzer**
→P. 382

■ **Usage in winter time**
→P. 265

⚠ NOTICE

■ **Before driving**
Fully release the parking brake.
Driving the vehicle with the parking brake set will lead to brake components overheating, which may affect braking performance and increase brake wear.

Headlight switch

The headlights can be operated manually or automatically.

Operating instructions

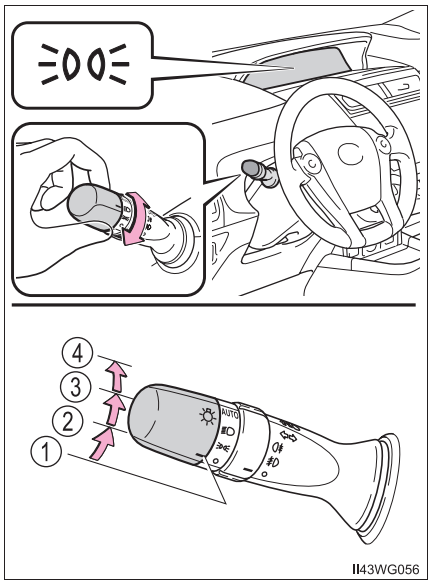
Turning the end of the lever turns on the lights as follows:

① The daytime running lights turn on.

② The front position, tail, license plate and instrument panel lights turn on.

③ The headlights and all lights listed above (except daytime running lights) turn on.

④ **AUTO** (if equipped) The headlights, daytime running lights and front position lights turn on and off automatically.
(When the power switch is in ON mode.)



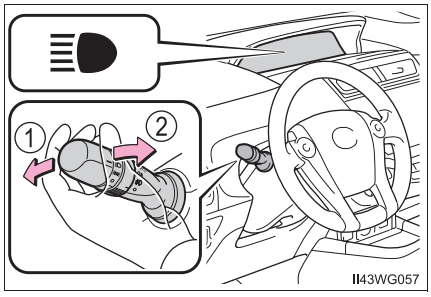
Turning on the high beam headlights

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.

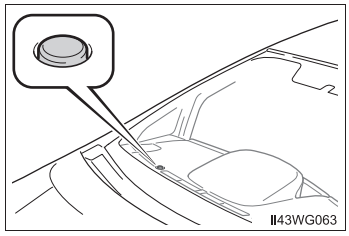


■ **Daytime running light system**

To make your vehicle more visible to other drivers, the daytime running lights turn on automatically whenever the hybrid system is started and the parking brake is released.

■ **Headlight control sensor (if equipped)**

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.



Air conditioning operation may also be interrupted.

■ **Automatic light off system**

- When the light switch is in the or position: The headlights turn off automatically if the power switch is turned to ACCESSORY mode or OFF.
- When the light switch is in the AUTO position: The headlights and all lights turn off automatically if the power switch is turned to ACCESSORY mode or OFF.

To turn the lights on again, turn the power switch to ON mode, or turn the light switch off once and then back to the or position.

■ **Automatic headlight leveling system**

The level of the headlights is automatically adjusted according to the number of passengers and the loading condition of the vehicle to ensure that the headlights do not interfere with other road users.

■ **Light reminder buzzer**

A buzzer sounds when the power switch is turned off or turned to ACCESSORY mode and the driver's door is opened while the lights are turned on.

■ **Customization**

Settings (e.g. light sensor sensitivity) can be changed.
(Customizable features: →P. 465)

NOTICE

■ **To prevent 12-volt battery discharge**

Do not leave the lights on longer than necessary when the hybrid system is off.

Fog light switch

The fog lights secure excellent visibility in difficult driving conditions, such as in rain and fog.

Operating instructions

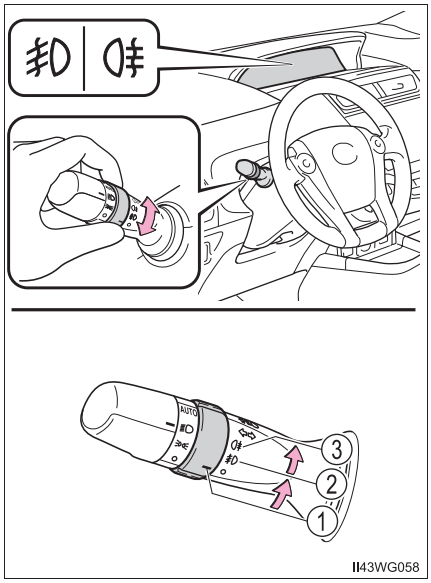
① Turns the front and rear fog lights off

② Turns the front fog lights on

③ Turns both front and rear fog lights on

Releasing the switch ring returns it to .

Operating the switch ring again turns only the rear fog light off.



Fog lights can be used when

Front fog lights: The front position lights are turned on.
Rear fog light: The front fog lights are turned on.

NOTICE

To prevent 12-volt battery discharge

Do not leave the lights on longer than necessary when the hybrid system is off.

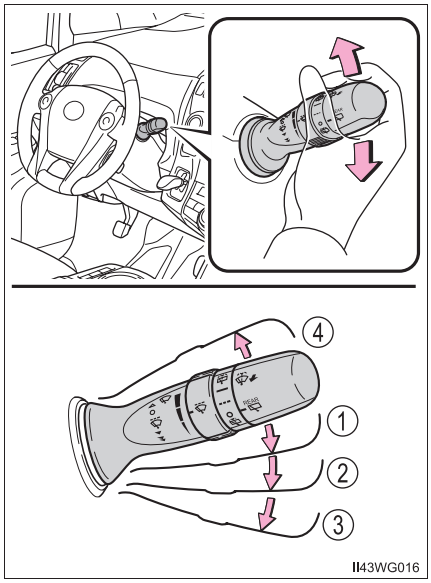
Windshield wipers and washer

Operating the wiper lever

The wiper operation is selected by moving the lever as follows.

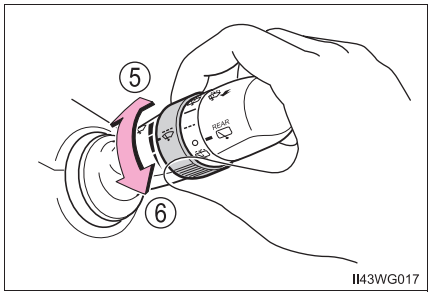
▶ Intermittent windshield wipers with interval adjuster

① Intermittent operation
② Low speed operation
③ High speed operation
④ Temporary operation



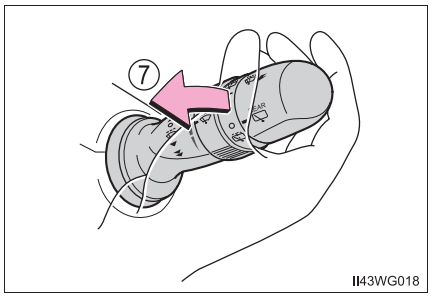
Wiper intervals can be adjusted when intermittent operation is selected.

⑤ Increases the intermittent windshield wiper frequency
⑥ Decreases the intermittent windshield wiper frequency



⑦ Washer/wiper dual operation

The wipers will automatically operate a couple of times after the washer squirts.



▶ Rain-sensing windshield wipers

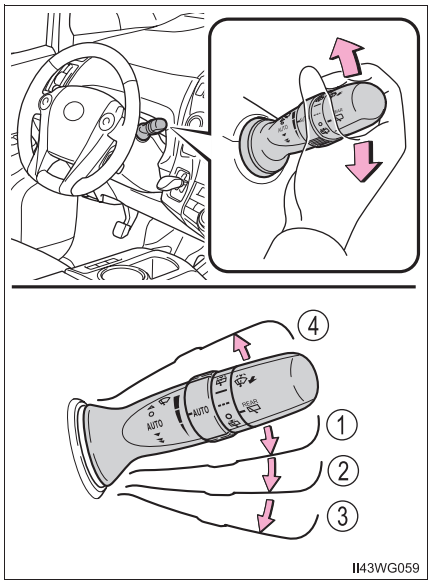
① Rain-sensing operation

② Low speed operation

③ High speed operation

④ Temporary operation

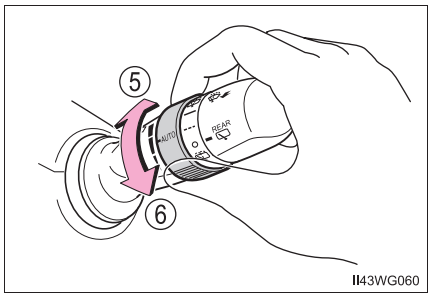
When “AUTO” is selected, the wipers will operate automatically when the sensor detects falling rain. The system automatically adjusts wiper timing in accordance with rain volume and vehicle speed.



The sensor sensitivity can be adjusted when “AUTO” is selected.

⑤ Increases the sensitivity

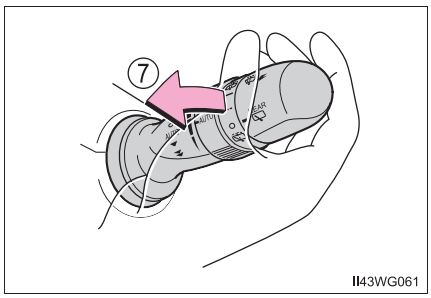
⑥ Decreases the sensitivity



II43WG060

⑦ Washer/wiper dual operation

The wipers will automatically operate a couple of times after the washer squirts.



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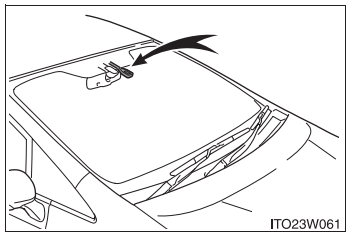
■ **The windshield wipers and washer can be operated when**

The power switch is in ON mode.

■ **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.


ITO23W061

● If the wiper switch is turned to the “AUTO” position while the power switch is in ON mode, the wipers will operate once to show that AUTO mode is activated.

● If the wiper sensitivity is adjusted to higher, the wiper may operate once to indicate the change of sensitivity.

● If the temperature of the raindrop sensor is 85°C (185°F) or higher, or -10°C (14°F) or lower, automatic operation may not occur. In this case, operate the wipers in any mode other than “AUTO”.

■ **If no windshield washer fluid sprays**

Check that the washer nozzles are not blocked if there is washer fluid in the washer fluid tank.

WARNING

■ **Caution regarding the use of windshield wipers in AUTO mode (vehicles with rain-sensing windshield wipers)**

The windshield wipers may operate unexpectedly if the sensor is touched or the windshield is subject to vibration in AUTO mode. Take care that your fingers etc. do not become caught in the windshield wipers.

■ **Caution regarding the use of washer fluid**

When it is cold, do not use the washer fluid until the windshield becomes warm. The fluid may freeze on the windshield and cause low visibility. This may lead to an accident, resulting in death or serious injury.

NOTICE

■ **When the windshield is dry**

Do not use the wipers, as they may damage the windshield.

■ **When the washer fluid tank is empty**

Do not operate the switch continually as the washer fluid pump may overheat.

■ **When a nozzle becomes blocked**

In this case, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
Do not try to clear it with a pin or other object. The nozzle will be damaged.

■ **To prevent 12-volt battery discharge**

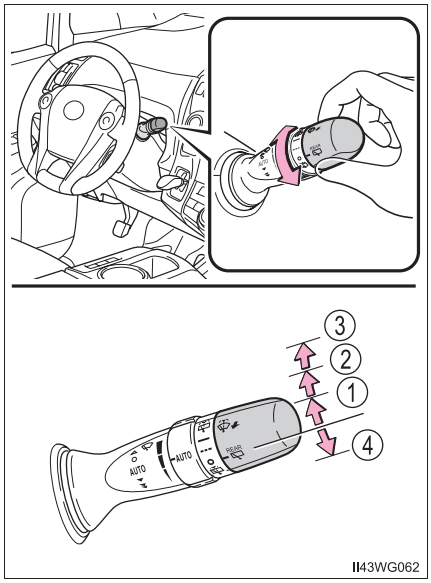
Do not leave the wipers on longer than necessary when the hybrid system is off.

Rear window wiper and washer

Operating the wiper lever

Turning the end of the lever turns on the rear window wiper and washer.

① --- Intermittent operation
② — Normal operation
③ Washer/wiper dual operation
④ Washer/wiper dual operation



The rear window wiper and washer can be operated when

The power switch is in ON mode.

If no washer fluid sprays

Check that the washer nozzle is not blocked if there is washer fluid in the washer fluid tank.

NOTICE

When the rear window is dry

Do not use the wiper, as it may damage the rear window.

When the washer fluid tank is empty

Do not operate the switch continually as the washer fluid pump may overheat.

Opening the fuel tank cap

Perform the following steps to open the fuel tank cap:

Before refueling the vehicle

- Close all the doors and windows, and turn the power switch off.
- Confirm the type of fuel.

Fuel types

EU area:
Unleaded gasoline conforming to European standard EN228, Research Octane Number of 95 or higher

Except EU area:
Unleaded gasoline, Research Octane Number 95 or higher

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.

WARNING

■ When refueling the vehicle

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

- After exiting the vehicle and before opening the fuel door, touch an unpainted metal surface to discharge any static electricity. It is important to discharge static electricity before refueling because sparks resulting from static electricity can cause fuel vapors to ignite while refueling.
- Always hold the grips on the fuel tank cap and turn it slowly to remove it.
  A whooshing sound may be heard when the fuel tank cap is loosened. Wait until the sound cannot be heard before fully removing the cap. In hot weather, pressurized fuel may spray out of the filler neck and cause injury.
- Do not allow anyone that has not discharged static electricity from their body to come close to an open fuel tank.
- Do not inhale vaporized fuel.
  Fuel contains substances that are harmful if inhaled.
- Do not smoke while refueling the vehicle.
  Doing so may cause the fuel to ignite and cause a fire.
- Do not return to the vehicle or touch any person or object that is statically charged.
  This may cause static electricity to build up, resulting in a possible ignition hazard.

■ When refueling

Observe the following precautions to prevent fuel overflowing from the fuel tank:

- Securely insert the fuel nozzle into the fuel filler neck
- Stop filling the tank after the fuel nozzle automatically clicks off
- Do not top off the fuel tank

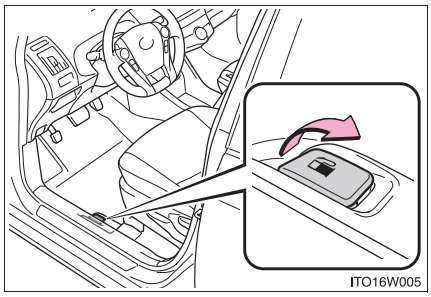
NOTICE

■ Refueling

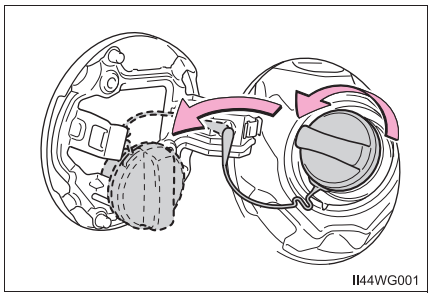
Do not spill fuel during refueling.
Doing so may damage the vehicle, such as causing the emission control system to operate abnormally or damaging fuel system components or the vehicle's painted surface.

Opening the fuel tank cap

1 Pull up the opener to open the fuel filler door.

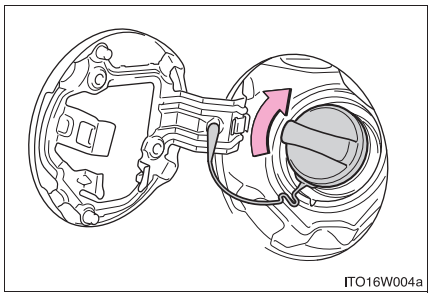


2 Turn the fuel tank cap slowly to open and hang it on the back of the fuel filler door.



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 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.

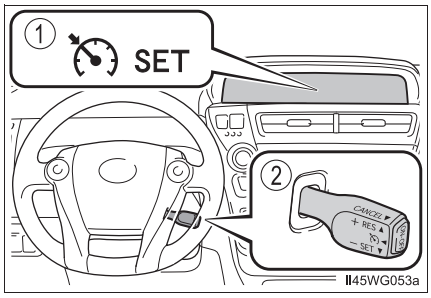
Cruise control*

Summary of functions

Use the cruise control to maintain a set speed without depressing the accelerator pedal.

① Indicator

② Cruise control switch

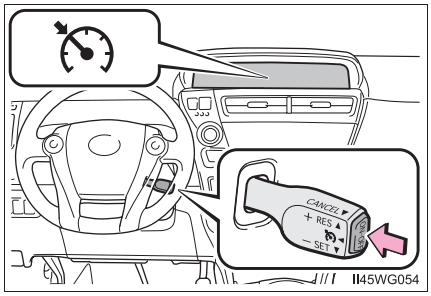


Setting the vehicle speed

1 Press the “ON-OFF” button to activate the cruise control.

Cruise control indicator will come on.

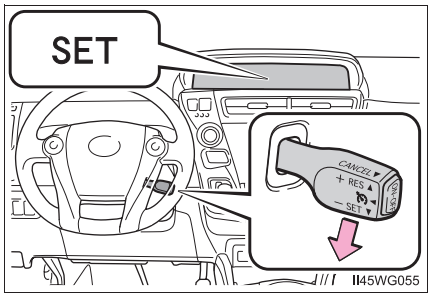
Press the button again to deactivate the cruise control.



2 Accelerate or decelerate the vehicle to the desired speed, and push the lever down to set the speed.

“SET” indicator will come on.

The vehicle speed at the moment the lever is released becomes the set speed.



*: If equipped

Adjusting the set speed

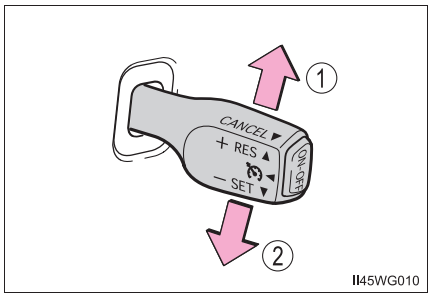
To change the set speed, operate the lever until the desired set speed is obtained.

① Increases the speed

② Decreases the speed

Fine adjustment: Momentarily move the lever in the desired direction.

Large adjustment: Hold the lever in the desired direction.



The set speed will be increased or decreased as follows:

Fine adjustment: By approximately 1.6 km/h (1 mph) each time the lever is operated

Large adjustment: The set speed can be increased or decreased continually until the lever is released.

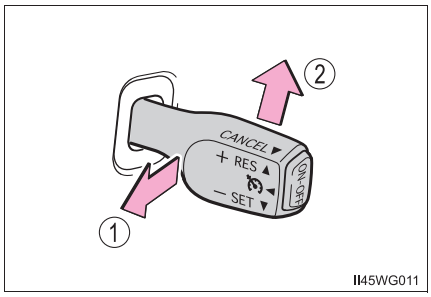
Canceling and resuming the constant speed control

① Pulling the lever toward you cancels the constant speed control.

The speed setting is also canceled when the brakes are applied.

② Pushing the lever up resumes the constant speed control.

Resuming is available when the vehicle speed is more than approximately 40 km/h (25 mph).



■ **Cruise control can be set when**

- The shift position is in D.
- Vehicle speed is above approximately 40 km/h (25 mph).

■ **Accelerating after setting the vehicle speed**

- The vehicle can be accelerated normally. After acceleration, the set speed resumes.
- Even without canceling the cruise control, the set speed can be increased by first accelerating the vehicle to the desired speed and then pushing the lever down to set the new speed.

■ **Automatic cruise control cancelation**

Cruise control will stop maintaining the vehicle speed in any of the following situations.

- Actual vehicle speed falls more than approximately 16 km/h (10 mph) below the preset vehicle speed.
  At this time, the memorized set speed is not retained.
- Actual vehicle speed is below approximately 40km/h (25 mph).
- VSC is activated.

■ **If the cruise control indicator light comes on in yellow (vehicles without multi-information display)**

Press the “ON-OFF” button once to deactivate the system, and then press the button again to reactivate the system.
If the cruise control speed cannot be set or if the cruise control cancels immediately after being activated, there may be a malfunction in the cruise control system. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **If the warning message for the cruise control is shown (vehicles with multi-information display)**

Press the “ON-OFF” button once to deactivate the system, and then press the button again to reactivate the system.
If the cruise control speed cannot be set or if the cruise control cancels immediately after being activated, there may be a malfunction in the cruise control system. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

WARNING

■ **To avoid operating the cruise control by mistake**

Switch the cruise control off using the “ON-OFF” button when not in use.

■ **Situations unsuitable for cruise control**

Do not use cruise control in any of the following situations.
Doing so may result in loss of control and could cause an accident resulting in death or serious injury.

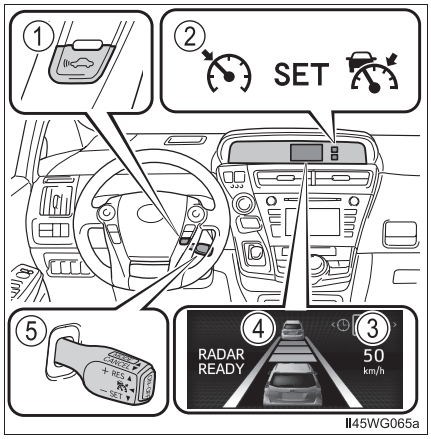
- In heavy traffic
- On roads with sharp bends
- On winding roads
- On slippery roads, such as those covered with rain, ice or snow
- On steep hills
  Vehicle speed may exceed the set speed when driving down a steep hill.
- During emergency towing

Dynamic radar cruise control*

Summary of functions

Dynamic radar cruise control supplements conventional cruise control with a vehicle-to-vehicle distance control. In vehicle-to-vehicle distance control mode, the vehicle automatically accelerates or decelerates in order to maintain a set following distance from vehicles ahead.

① Vehicle-to-vehicle distance button
② Indicators
③ Set speed
④ Display
⑤ Cruise control switch



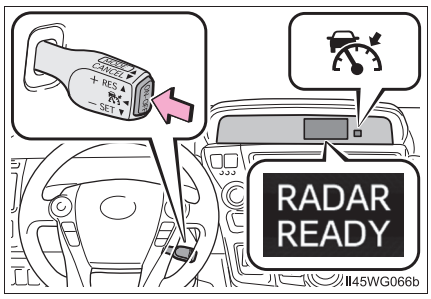
*: If equipped

Setting the vehicle speed (vehicle-to-vehicle distance control mode)

1 Press the “ON-OFF” button to activate the cruise control.

Radar cruise control indicator will come on.

Press the button again to deactivate the cruise control.

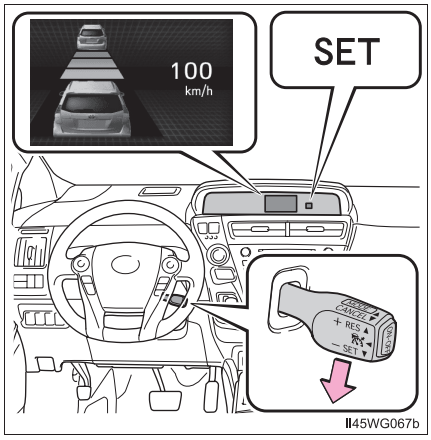


II45WG066b

2 Accelerate or decelerate the vehicle to the desired speed, and push the lever down to set the speed.

“SET” indicator will come on.

The vehicle speed at the moment the lever is released becomes the set speed.



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Adjusting the set speed

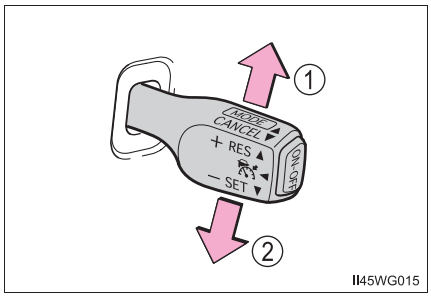
To change the set speed, operate the lever until the desired set speed is displayed.

① Increases the speed

② Decreases the speed

Fine adjustment: Momentarily move the lever in the desired direction.

Large adjustment: Hold the lever in the desired direction.



In the vehicle-to-vehicle distance control mode, the set speed will be increased or decreased as follows:

▶ When the set speed is shown in “km/h”

Fine adjustment: By approximately 5 km/h (3.1 mph) each time the lever is operated

Large adjustment: By approximately 5 km/h (3.1 mph) for each 0.75 seconds the lever is held

▶ When the set speed is shown in “MPH”

Fine adjustment: By approximately 5 mph (8 km/h) each time the lever is operated

Large adjustment: By approximately 5 mph (8 km/h) for each 0.75 seconds the lever is held

In the constant speed control mode (→P. 239), the set speed will be increased or decreased as follows:

Fine adjustment: By approximately 1.6 km/h (1 mph) each time the lever is operated

Large adjustment: The set speed can be increased or decreased continually until the lever is released.

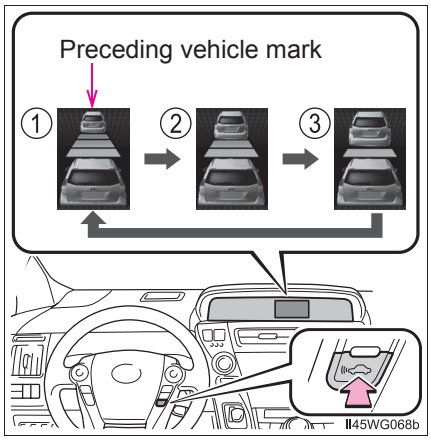
Changing the vehicle-to-vehicle distance

Pressing the button changes the vehicle-to-vehicle distance as follows:

① Long
② Medium
③ Short

The vehicle-to-vehicle distance is set automatically to long mode when the power switch is turned to ON mode.

If a vehicle is running ahead of you, the preceding vehicle mark will also be displayed.



Vehicle-to-vehicle distance settings

Select a distance from the table below. Note that the distances shown correspond to a vehicle speed of 80 km/h (50 mph). Vehicle-to-vehicle distance increases/decreases in accordance with vehicle speed.

Distance options	Vehicle-to-vehicle distance
Long	Approximately 50 m (160 ft.)
Medium	Approximately 40 m (130 ft.)
Short	Approximately 30 m (100 ft.)

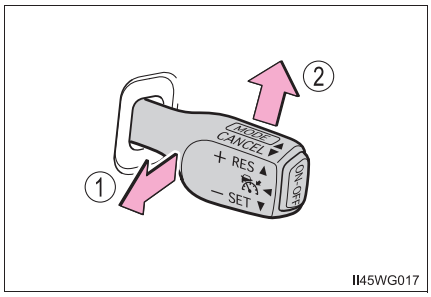
Canceling and resuming the speed control

① Pulling the lever toward you cancels the cruise control.

The speed setting is also canceled when the brakes are applied.

② Pushing the lever up resumes the cruise control and returns vehicle speed to the set speed.

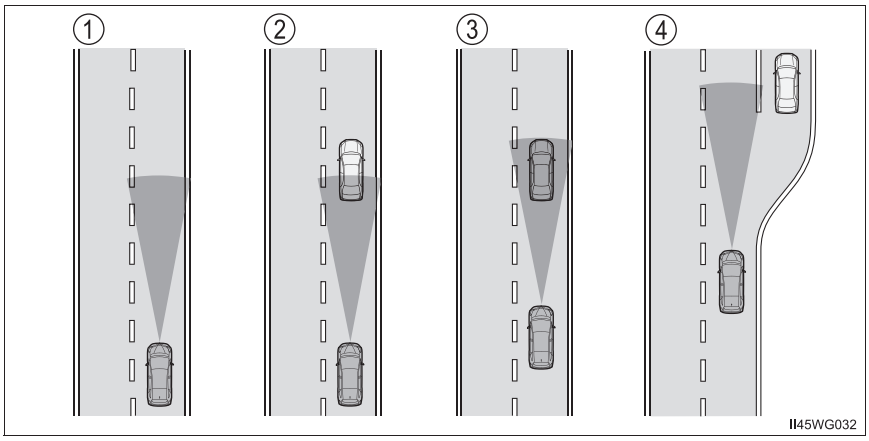
Resuming is available when the vehicle speed is more than approximately 40 km/h (25 mph).



Driving in vehicle-to-vehicle distance control mode

This mode employs a radar sensor to detect the presence of vehicles up to approximately 120 m (400 ft.) ahead, determines the current vehicle-to-vehicle following distance, and operates to maintain a suitable following distance from the vehicle ahead.

Note that vehicle-to-vehicle distance will close in when traveling on long downhill slopes.



① Example of constant speed cruising

When there are no vehicles ahead

The vehicle travels at the speed set by the driver. The desired vehicle-to-vehicle distance can also be set by operating the vehicle-to-vehicle distance control.

② Example of deceleration cruising

When the vehicle ahead is driving slower than the set speed

When a vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies the brakes. A warning tone warns you when the system cannot decelerate sufficiently to prevent your vehicle from closing in on the vehicle ahead.

③ Example of follow-up cruising

When following a vehicle driving slower than the set speed

The system continues follow-up cruising while adjusting for changes in the speed of the vehicle ahead in order to maintain the vehicle-to-vehicle distance set by the driver.

④ Example of acceleration

When there are no longer any vehicles ahead driving slower than the set speed

The system accelerates until the set speed is reached. The system then returns to constant speed cruising.

Approach warning

When your vehicle is too close to a vehicle ahead, and sufficient automatic deceleration via the cruise control is not possible, the display will flash and the buzzer will sound to alert the driver. An example of this would be if another driver cuts in front of you while you are following a vehicle. Apply the brakes to ensure an appropriate vehicle-to-vehicle distance.

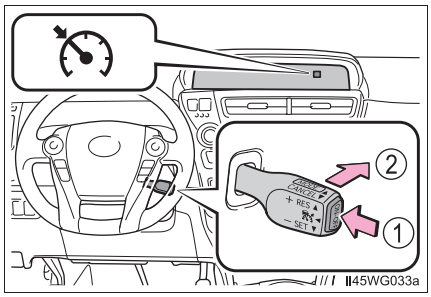
Warnings may not occur when

In the following instances, there is a possibility that the warnings will not occur:

- When the speed of the vehicle ahead matches or exceeds your vehicle speed
- When the vehicle ahead is traveling at an extremely slow speed
- Immediately after the cruise control speed was set
- At the instant the accelerator is applied

Selecting conventional constant speed control mode

Constant speed control mode differs from vehicle-to-vehicle distance control mode. When constant speed control mode is selected, your vehicle will maintain a set speed regardless of whether or not there are other vehicles in the lane ahead.



① Press the “ON-OFF” button to activate the cruise control.

Press the button again to deactivate the cruise control.

② Switch to constant speed control mode.

(Push the lever forward and hold for approximately one second.)

Cruise control indicator will come on.

When in constant speed control mode, to return to vehicle-to-vehicle distance control mode, push the lever forward again and hold for approximately 1 second.

After the desired speed has been set, it is not possible to return to vehicle-to-vehicle distance control mode.

If the power switch is turned off and then turned to ON mode again, the vehicle will automatically return to vehicle-to-vehicle distance control mode.

Adjusting the speed setting: →P. 233

Canceling and resuming the speed setting: →P. 235

■ Dynamic radar cruise control can be set when

- The shift position is in D.
- Vehicle speed is above approximately 50 km/h (30 mph).

■ Accelerating after setting the vehicle speed

The vehicle can accelerate normally. After acceleration, the set speed resumes. However, during vehicle-to-vehicle distance control mode, the vehicle speed may decrease below the set speed in order to maintain the distance to the vehicle ahead.

■ Set speed

The set speed may be unsustainable depending on driving circumstances.

■ **Automatic cancelation of vehicle-to-vehicle distance control**

Vehicle-to-vehicle distance control driving is automatically canceled in the following situations:

- Actual vehicle speed falls below approximately 40 km/h (25 mph).
- VSC is activated.
- The sensor cannot operate correctly because it is covered in some way.
- The windshield wipers are operating at high speed (when the wiper switch is set to the AUTO mode or the high speed wiper operation position).

If vehicle-to-vehicle distance control driving is automatically canceled for any other reason, there may be a malfunction in the system. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Automatic cancelation of constant speed control**

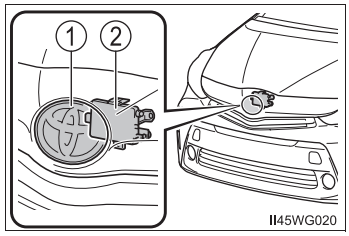
The cruise control will stop maintaining the vehicle speed in the following situations:

- Actual vehicle speed is more than approximately 16 km/h (10 mph) below the set vehicle speed.
  At this time, the memorized set speed is not retained.
- Actual vehicle speed falls below approximately 40 km/h (25 mph).
- VSC is activated.

■ **Radar sensor and grille cover**

Always keep the sensor and grille cover clean to ensure that the vehicle-to-vehicle distance control operates properly. (Some obstructions, such as snow, ice and plastic objects, cannot be detected by the obstruction sensor.)
Dynamic radar cruise control (vehicle-to-vehicle distance control mode) is canceled if an obstruction is detected. (Constant speed control mode can be used.)

① Grille cover
② Radar sensor



■ **Warning lights, warning messages and buzzers for dynamic radar cruise control**

Warning lights, warning messages and buzzers are used to indicate a system malfunction or to inform the driver of the need for caution while driving.
(→P. 391)

Certification for the dynamic radar cruise control

CE

The latest "DECLARATION of CONFORMITY "(DoC) is available at the following:
http://www.globaldenso.com/en/products/oem/index.html

Hereby, DENSO CORPORATION declares that this DNMWR007 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Hér með lýsir DENSO CORPORATION yfir því að DNMWR007 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Con la presente DENSO CORPORATION dichiara che questo DNMWR007 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Käesolevaga kinnitab DENSO CORPORATION seadme DNMWR007 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Hierbij verklaart DENSO CORPORATION dat het toestel DNMWR007 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ DENSO CORPORATION ΔΗΛΩΝΕΙ ΟΤΙ DNMWR007 ΣΥΜΜΟΡΦΩΝ ΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Ovim DENSO CORPORATION, izjavljuje da je DNMWR007 u sklau s bitnim zahtjevima drugim relevantnim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).
Härmed intygar DENSO CORPORATION att denna DNMWR007 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Por medio de la presente DENSO CORPORATION declara que el DNMWR007 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
DENSO CORPORATION týmto vyhlasuje, že DNMWR007 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

DENSO CORPORATION izjavlja, da je ta DNMWR007 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
DENSO CORPORATION tímto prohlašuje, že tento DNMWR007 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Undertegnede DENSO CORPORATION erklærer herved, at følgende udstyr DNMWR007 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt DENSO CORPORATION, dass sich das Gerät DNMWR007 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
DENSO CORPORATION erklærer herved at utstyret DNMWR007 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Alulírott, DENSO CORPORATION nyilatkozom, hogy a DNMWR007 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
DENSO CORPORATION vakuuttaa täten että DNMWR007 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Par la présente DENSO CORPORATION déclare que l'appareil DNMWR007 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Niniejszym DENSO CORPORATION oświadcza, że DNMWR007 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
DENSO CORPORATION declara que este DNMWR007 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, DENSO CORPORATION, jiddikjara li dan DNMWR007 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Ar šo, DENSO CORPORATION, deklarē, ka DNMWR007 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Šiuo DENSO CORPORATION deklaruoja, kad šis DNMWR007 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

WARNING

■ **Before using dynamic radar cruise control**

Do not overly rely on vehicle-to-vehicle distance control.
Be aware of the set speed. If automatic deceleration/acceleration is not appropriate, adjust the vehicle speed, as well as the distance between your vehicle and vehicles ahead by applying the brakes etc.

■ **Cautions regarding the driving assist systems**

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

- Assisting the driver to measure following distance
  The dynamic radar cruise control is only intended to help the driver in determining the following distance between the driver's own vehicle and a designated vehicle traveling ahead. It is not a mechanism that allows careless or inattentive driving, and it is not a system that can assist the driver in low-visibility conditions. It is still necessary for driver to pay close attention to the vehicle's surroundings.
- Assisting the driver to judge proper following distance
  The dynamic radar cruise control determines whether the following distance between the driver's own vehicle and a designated vehicle traveling ahead is appropriate or not. It is not capable of making any other type of judgement. Therefore, it is absolutely necessary for the driver to remain vigilant and to determine whether or not there is a possibility of danger in any given situation.
- Assisting the driver to operate the vehicle
  The dynamic radar cruise control has no capability to prevent or avoid a collision with a vehicle traveling ahead. Therefore, if there is ever any danger, the driver must take immediate and direct control of the vehicle and act appropriately in order to ensure the safety of all involved.

■ **To avoid inadvertent cruise control activation**

Switch the cruise control off using the "ON-OFF" button when not in use.

WARNING

■ **Situations unsuitable for dynamic radar cruise control**

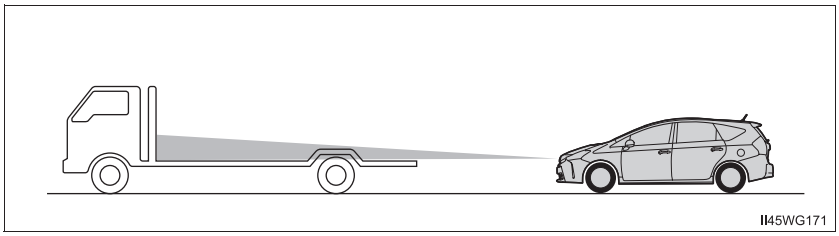
Do not use dynamic radar cruise control in any of the following situations. Doing so may result in inappropriate speed control and could cause an accident resulting in death or serious injury.

- Except on highways or expressways
- In heavy traffic
- On roads with sharp bends
- On winding roads
- On slippery roads, such as those covered with rain, ice or snow
- On steep downhills, or where there are sudden changes between sharp up and down gradients
  Vehicle speed may exceed the set speed when driving down a steep hill.
- At entrances to expressways
- When weather conditions are bad enough that they may prevent the sensors from functioning correctly (fog, snow, sandstorm, heavy rain, etc.)
- When an approach warning buzzer is heard often

■ **When the sensor may not be correctly detecting the vehicle ahead**

Apply the brakes (or accelerator pedal) as necessary when any of the following types of vehicles are in front of you.
As the sensor may not be able to correctly detect these types of vehicles, the approach warning (→P. 238) will not be activated, and a fatal or serious accident may result.

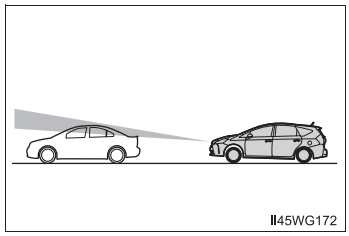
- Vehicles that cut in suddenly
- Vehicles traveling at low speeds
- Vehicles that are not moving in the same lane
- Vehicles with small rear ends (trailers with no load on board etc.)



- Motorcycles traveling in the same lane
- When water or snow thrown up by the surrounding vehicles hinders the detecting of the sensor

WARNING

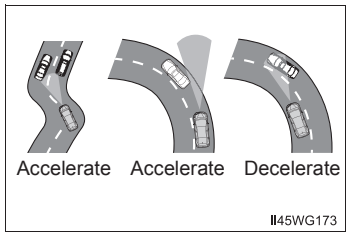
- When your vehicle is pointing upwards (caused by a heavy load in the luggage compartment, etc.)



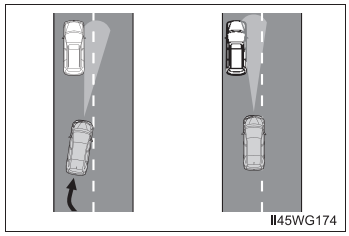
■ Conditions under which the vehicle-to-vehicle distance control may not function correctly

Apply the brakes (or accelerator pedal) as necessary in the following conditions as the radar sensor may not be able to correctly detect vehicles ahead, and a fatal or serious accident may result:

- When the road curves or when the lanes are narrow



- When steering wheel operation or your position in the lane is unstable



- When the vehicle ahead of you decelerates suddenly

WARNING

■ **Handling the radar sensor**

Observe the following to ensure the cruise control system can function effectively.
Otherwise, the system may not function correctly and could result in an accident.

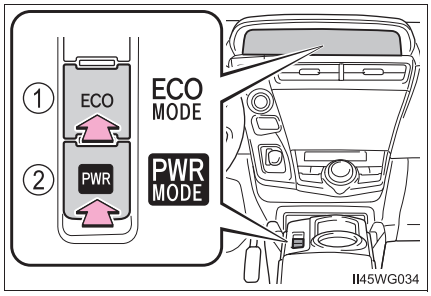
- Keep the sensor and grille cover clean at all times.
  Clean the sensor and grille cover with a soft cloth so you do not mark or damage them.
- Do not subject the sensor or surrounding area to a strong impact.
  If the sensor moves even slightly off position, the system may become inaccurate or malfunction. If the sensor or surrounding area is subject to a strong impact, always have the area inspected and adjusted by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- Do not disassemble the sensor.
- Do not attach accessories or stickers to the sensor, grille cover or surrounding area.
- Do not modify or paint the sensor and grille cover.
- If the sensor needs to be replaced, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Driving mode select switch

The driving modes can be selected to suit driving conditions.

① Eco drive mode*

Suitable for improving the fuel economy, because the torque corresponding to the accelerator pedal depression amount can be generated more smoothly than it is in normal conditions and the operation of the air conditioning system (heating/cooling) will be minimized.



When the “ECO” switch is pressed, the “ECO MODE” indicator comes on in the instrument cluster.

② Power mode*

Use when high levels of response and feeling are desirable, such as when driving in mountainous regions or when overtaking.

When the “PWR” switch is pressed, the “PWR MODE” indicator comes on in the instrument cluster.

*: When Eco drive mode and power mode are canceled, the system uses normal mode for optimal everyday driving.

■ **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 (→P. 276). To improve air conditioning performance, adjust the fan speed or turn off Eco drive mode.

■ **When canceling Eco drive mode/power mode**

- Press the switch again. Also, power mode will be canceled automatically when the power switch is turned off. However, Eco drive mode will not be canceled automatically until the switch is pressed, even if the power switch is turned off.
- When in Eco drive mode, if the “PWR” switch is pressed or the operation is reversed, the mode will switch to that of the last switch to be pressed.

■ **Switching the drive mode when in EV drive mode**

→P. 207

Driving assist systems

To help enhance 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.

◆ ECB (Electronically Controlled Brake System)

The electronically controlled system generates braking force corresponding to the brake operation

◆ ABS (Anti-lock Brake System)

Helps to prevent wheel lock when the brakes are applied suddenly, or if the brakes are applied while driving on a slippery road surface

◆ Brake assist

Generates an increased level of braking force after the brake pedal is depressed when the system detects a panic stop situation

◆ VSC (Vehicle Stability Control)

Helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces

◆ TRC (Traction Control)

Helps to maintain drive power and prevent the drive wheels from spinning when starting the vehicle or accelerating on slippery roads

◆ EPS (Electric Power Steering)

Employs an electric motor to reduce the amount of effort needed to turn the steering wheel

◆ 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.

◆ Hill-start assist control

Helps to prevent the vehicle from rolling backward when starting on an incline or slippery slope

◆ PCS (Pre-Crash Safety system) (if equipped)

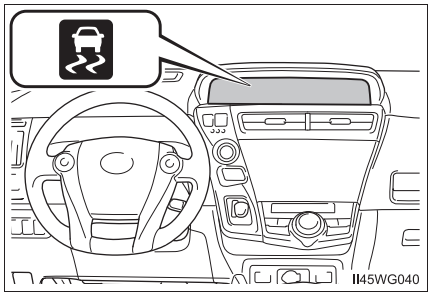
→P. 254

◆ Emergency brake signal

When the brakes are applied suddenly, the emergency flashers automatically flash to alert the vehicle behind.

When the VSC/TRC/ABS systems are operating

The slip indicator light will flash while the VSC/TRC/ABS systems are operating.



■ **Sounds and vibrations caused by the ABS, brake assist, VSC, TRC and hill-start assist control 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 after the vehicle comes to a stop.
- The brake pedal may pulsate slightly after the ABS is activated.
- The brake pedal may move down slightly after the ABS is activated.

■ **ECB operating sound**

ECB operating sound may be heard in the following cases, but it does not indicate that a malfunction has occurred.

- Operating sound heard from the engine compartment when the brake pedal is operated.
- Motor sound of the brake system heard from the front part of the vehicle when the driver's door is opened.
- Operating sound heard from the engine compartment when 1-2 minutes passed after the stop of the hybrid system.

■ **EPS operation sound**

When the steering wheel is operated, a motor sound (whirring sound) may be heard. This does not indicate a malfunction.

■ **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.

■ **Electric power steering system warning light (warning buzzer)**

→P. 377

■ **Operating conditions of emergency brake signal**

When the following three conditions are met, the emergency brake signal will operate:

- The emergency flashers are off.
- Actual vehicle speed is over 55 km/h (35 mph).
- The brake pedal is depressed in a manner that cause the system to judge from the vehicle deceleration that this is a sudden braking operation.

■ **Automatic system cancelation of emergency brake signal**

The emergency brake signal will turn off in any of the following situations:

- The emergency flashers are turned on.
- The brake pedal is released.
- The system judges from the vehicle deceleration that is not a sudden braking operation.

■ **Operating conditions of hill-start assist control**

When the following four conditions are met, the hill-start assist control will operate:

- The shift position is in a position other than P or N (when starting off forward/backward on an upward incline).
- The vehicle is stopped.
- The accelerator pedal is not depressed.
- The parking brake is not engaged.

■ **Automatic system cancelation of hill-start assist control**

The hill-start assist control will turn off in any of the following situations:

- Shift the shift position to P or N
- The accelerator pedal is depressed
- The parking brake is engaged.
- Approximately 2 seconds elapse after the brake pedal is released.

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 road.

■ **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 may not operate effectively when**

Directional control and power may not be achievable while driving on slippery road surfaces, even if the TRC system is operating.
Drive the vehicle carefully in conditions where stability and power may be lost.

■ **Hill-start assist control does not operate effectively when**

- Do not overly rely on the hill-start assist control. The 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 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

Replacing tires

Make sure that all tires are of the specified size and of the same brand, tread pattern and total load capacity. In addition, make sure that the tires are inflated to the recommended tire inflation pressure level.

The ABS, VSC and TRC systems will not function correctly if different tires are installed on the vehicle.
Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for further information when replacing tires or wheels.

Handling of tires and the suspension

Using tires with any kind of problem or modifying the suspension will affect the driving assist systems, and may cause a system to malfunction.

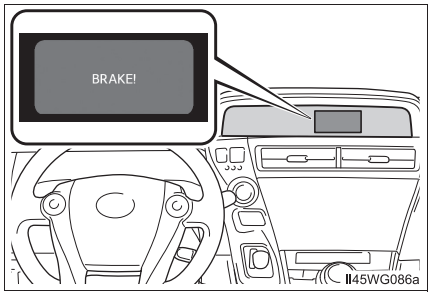
PCS (Pre-Crash Safety system)*

When the radar sensor detects possibility of a frontal collision, brakes are automatically engaged to lessen impact as well as vehicle damage.

The alert timing for the pre-crash safety system can be changed or turned ON/OFF, as necessary, by operating the switch. (→P. 255)

◆ Pre-crash warning

When a high possibility of a frontal collision is detected, a buzzer sounds and a message is shown on the multi-information display to urge the driver to take evasive action.



◆ Pre-crash brake assist

When there is a high possibility of a frontal collision, the system applies greater braking force in relation to how strongly the brake pedal is depressed.

◆ Pre-crash braking

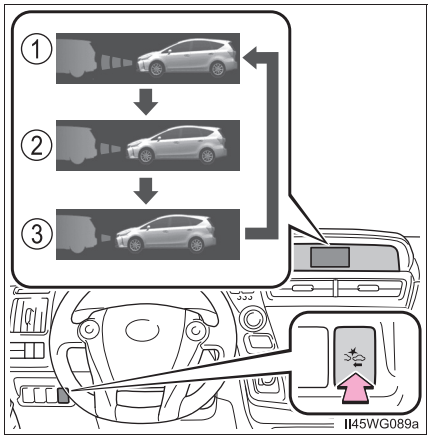
When there is a high possibility of a frontal collision, the system warns the driver using a warning display and buzzer. If the system determines that a collision is unavoidable, the brakes are automatically applied to reduce the collision speed.

*: If equipped

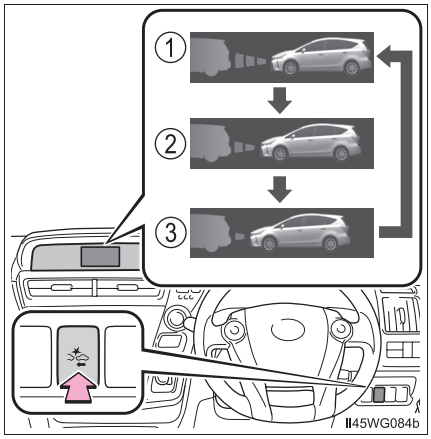
Changing the pre-crash safety system

■ Changing the alert timing of the pre-crash safety system

▶ Left-hand drive vehicles



▶ Right-hand drive vehicles



Each time the PCS switch is pressed, the response to the distance changes as follows.

① Far

② Middle*

③ Near

*: Default setting

■ Turning off the pre-crash safety system

Press the PCS switch for 3 seconds or more seconds.

The PCS warning light turns on and a message is shown on the multi-information display.

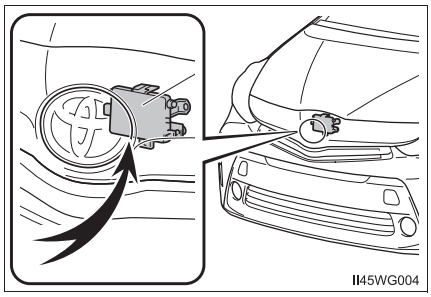
To turn on the system, press the PCS switch again. The system is set to ON each time the power switch is turned to ON mode.



4 Driving

Radar sensor

The radar sensor detects vehicles or other obstacles on or near the road ahead and determines whether a collision is imminent based on the position, speed, and heading of the obstacles.



The pre-crash safety system is operational when

The pre-crash safety system is on (→P. 255) and the following conditions are met:

- Pre-crash warning:
  - Vehicle speed is greater than about 15 km/h (10 mph).
  - The speed at which your vehicle is approaching the obstacle or the vehicle running ahead of you is greater than about 10 km/h (7 mph).
- Pre-crash brake assist:
  - Vehicle speed is greater than about 30 km/h (19 mph).
  - The speed at which your vehicle is approaching the obstacle or the vehicle running ahead of you is greater than about 30 km/h (19 mph).
  - The brake pedal is depressed.
- Pre-crash braking:
  - Vehicle speed is greater than about 15 km/h (10 mph).
  - The speed at which your vehicle is approaching the obstacle or the vehicle running ahead of you is greater than about 10 km/h (7 mph).

■ **Conditions that may trigger the system even if there is no possibility of a collision**

If the following obstructs the front of the sensor, the system judges that a collision may be possible and operates.

- When passing by a vehicle while making left or right turns or passing a vehicle in an opposite lane.
- When the vehicle rapidly approaches an object in front of it (such as another vehicle, toll gate, etc.)
- When climbing a steep hill, etc., and there are structures in the upper region of the road (billboards, low ceilings, street lamps, etc.)
- When driving through narrow passages or places with low ceilings (bridges, tunnels, overhead passes, etc.)
- When driving on an uneven road surface
- When metal objects are on the road surface causing level differences or protrusions in the road
- When an extreme change in vehicle height occurs
- When the radar sensor moves off position due to its surrounding area being subjected to a strong impact.
- When there is an obstacle (guardrails, etc.) on the roadside at a curve entrance
- When the front of your vehicle is pointing upwards (caused by putting a heavy load in the luggage compartment)

When the system is activated in the situations described above, there is also a possibility that the brakes will be applied with a force greater than normal.

■ **Obstacles not detected**

The sensor cannot detect plastic obstacles such as traffic cones. There may also be occasions when the sensor cannot detect pedestrians, animals, bicycles, motorcycles, trees, or snowdrifts.

■ **Situations in which the pre-crash safety system does not function properly**

The system may not function effectively in situations such as the following:

- On roads with sharp bends or uneven surfaces
- If a vehicle suddenly moves in front of your vehicle, such as at an intersection
- If a vehicle suddenly cuts in front of your vehicle, such as when overtaking
- In inclement weather such as heavy rain, fog, snow or sand storms
- When your vehicle is skidding with the VSC system off
- When an extreme change in vehicle height occurs
- When the radar sensor moves off position due to its surrounding area being subjected to a strong impact
- Due to greatly turning the steering wheel when an obstacle suddenly appears ahead

■ **Automatic cancelation of the pre-crash safety system**

When a malfunction occurs due to sensor contamination, etc. that results in the sensors being unable to detect obstacles, the pre-crash safety system will be automatically disabled. In this case, the system will not activate even if there is a collision possibility.

■ **When there is a malfunction in the system, or if the system is temporarily unusable**

The PCS warning light flashes and a warning message is shown on the multi-information display. If a warning message is shown on the multi-information display, read the message and follow the instructions. (→P. 376, 388)

■ **Certification for the pre-crash safety system**

CE

The latest "DECLARATION of CONFORMITY "(DoC) is available at the following:
http://www.globaldenso.com/en/products/oem/index.html

Hereby, DENSO CORPORATION declares that this DNMWR007 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Hér með lýsir DENSO CORPORATION yfir því að DNMWR007 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Con la presente DENSO CORPORATION dichiara che questo DNMWR007 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Käesolevaga kinnitab DENSO CORPORATION seadme DNMWR007 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Hierbij verklaart DENSO CORPORATION dat het toestel DNMWR007 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ DENSO CORPORATION ΔΗΛΩΝΕΙ ΟΤΙ DNMWR007 ΣΥΜΜΟΡΦΩΝ ΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Ovim DENSO CORPORATION, izjavljuje da je DNMWR007 u sklau s bitnim zahtjevima drugim relevantnim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).
Härmed intygar DENSO CORPORATION att denna DNMWR007 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Por medio de la presente DENSO CORPORATION declara que el DNMWR007 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
DENSO CORPORATION týmto vyhlasuje, že DNMWR007 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

DENSO CORPORATION izjavlja, da je ta DNMWR007 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
DENSO CORPORATION tímto prohlašuje, že tento DNMWR007 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Undertegnede DENSO CORPORATION erklærer herved, at følgende udstyr DNMWR007 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt DENSO CORPORATION, dass sich das Gerät DNMWR007 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
DENSO CORPORATION erklærer herved at utstyret DNMWR007 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Alulírott, DENSO CORPORATION nyilatkozom, hogy a DNMWR007 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
DENSO CORPORATION vakuuttaa täten että DNMWR007 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Par la présente DENSO CORPORATION déclare que l'appareil DNMWR007 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Niniejszym DENSO CORPORATION oświadcza, że DNMWR007 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
DENSO CORPORATION declara que este DNMWR007 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, DENSO CORPORATION, jiddikjara li dan DNMWR007 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Ar šo, DENSO CORPORATION, deklarē, ka DNMWR007 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Šiuo DENSO CORPORATION deklaruoja, kad šis DNMWR007 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

WARNING

■ **Limitations of the pre-crash safety system**

It is the driver's responsibility to drive safely. The driver should be aware of the surroundings and strive for safe driving.

Do not rely on the pre-crash safety system instead of normal braking operations. This system does not avoid or reduce collisions in every situation.

Overly relying on the system and entrusting it with safety may cause an unexpected accident which could lead to death or serious injury.

Although the system is designed for the purpose to support in avoiding collisions or reducing the damage of a collision, the effect changes according to various conditions.(→P. 256)
Therefore, it does not always provide the same performance. Also, the pre-crash braking does not work depending on the operating conditions of the driver. When the driver has stepped on the brake pedal and is operating the steering wheel, the system judges that the driver is taking avoiding action and the automatic braking may not operate.

■ **Handling the radar sensor**

Observe the following to ensure the pre-crash safety system can function effectively.
Otherwise, the system may not function correctly and could result in an accident.

- Keep the sensor and grille cover clean at all times.
  Clean the sensor and grille cover with a soft cloth so you do not mark or damage them.
- Do not subject the sensor or surrounding area to a strong impact.
  If the sensor moves even slightly off position, the system may not work normally or malfunction. If the sensor or surrounding area is subject to a strong impact, always have the area inspected and adjusted by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- Do not disassemble the sensor.
- Do not attach accessories or stickers to the sensor, grille cover or surrounding area.
- Do not modify or paint the sensor and grille cover.
- If the sensor needs to be replaced, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

WARNING

■ **Cautions regarding the assist contents of the system**

By means of alarms and brake control, the pre-crash safety system is intended to assist the driver in avoiding collisions through the process of LOOK-JUDGE-ACT. There are limits to the degree of assistance the system can provide, so please keep in mind the following important points.

- Assisting the driver in watching the road
  The pre-crash safety system is only able to detect obstacles directly in front of the vehicle, and only within a limited range. It is not a mechanism that allows careless or inattentive driving, and it is not a system that can assist the driver in low-visibility conditions. It is still necessary for the driver to pay close attention to the vehicle's surroundings.
- Assisting the driver in making correct judgement
  When attempting to estimate the possibility of a collision, the only data available to the pre-crash safety system is that from obstacles it has detected directly in front of the vehicle. Therefore, it is absolutely necessary for the driver to remain vigilant and to determine whether or not there is a possibility of collision in any given situation.
- Assisting the driver in taking action
  The pre-crash safety system's braking assist feature is designed to help reduce the severity of a collision, and so only acts when the system has judged that a collision is unavoidable. This system by itself, without the proper operations of the driver, is not capable of automatically avoiding a collision or bringing the vehicle to a stop safely. For this reason, when encountering a dangerous situation the driver must take direct and immediate action in order to ensure the safety of all involved.

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. 247)

◆ Use of Hybrid System Indicator

The Eco-friendly driving is possible by keeping the Hybrid System Indicator within Eco area. (→P. 116)

◆ Shift position operation

Shift the shift position to D when stopped at a traffic light, or driving in heavy traffic etc. Shift the shift position to P when parking. When using the N, there is no positive effect on 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. Fuel consumption can be improved by avoiding overuse of the heater.

◆ Checking tire inflation pressure

Make sure to check the tire inflation pressure frequently. Improper tire inflation pressure can cause poor fuel economy.
Also, as snow tires can cause large amounts of friction, their use on dry roads can lead to poor fuel economy. Use tires that are appropriate for the season.

◆ Luggage

Carrying heavy luggage will lead to poor fuel economy. Avoid carrying unnecessary luggage. Installing a large roof rack will also cause poor fuel economy.

◆ Warming up before driving

Since the gasoline engine starts up and cuts out automatically when cold, warming up the engine is unnecessary. Moreover, frequently driving short distances will cause the engine to repeatedly warm up, which can lead to excess fuel consumption.

Winter driving tips

Carry out the necessary preparations and inspections before driving the vehicle in winter. Always drive the vehicle in a manner appropriate to the prevailing weather conditions.

Preparation for winter

- Use fluids that are appropriate to the prevailing outside temperatures.
  - Engine oil
  - Engine/power control unit coolant
  - Washer fluid
- Have a service technician inspect the condition of the 12-volt battery.
- 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.

Before driving the vehicle

Perform the following according to the driving conditions:

- Do not try to forcibly open a window or move a wiper that is frozen. Pour warm water over the frozen area to melt the ice. Wipe away the water immediately to prevent it from freezing.
- To ensure proper operation of the climate control system fan, remove any snow that has accumulated on the air inlet vents in front of the windshield.
- Check for and remove any excess ice or snow that may have accumulated on the exterior lights, vehicle's roof, chassis, around the tires or on the brakes.
- Remove any snow or mud from the bottom of your shoes before getting in the vehicle.

When driving the vehicle

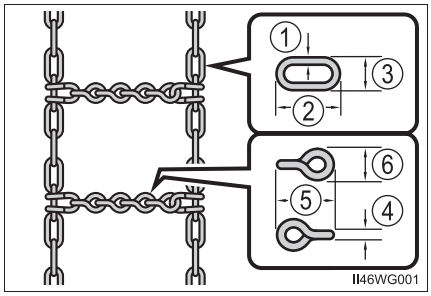
Accelerate the vehicle slowly, keep a safe distance between you and the vehicle ahead, and drive at a reduced speed suitable to road conditions.

When parking the vehicle

Park the vehicle and shift the shift position to P and block the wheel under the vehicle without setting the parking brake. The parking brake may freeze up, preventing it from being released.

Selecting tire chains

Use the correct tire chain size when mounting the tire chains. Chain size is regulated for each tire size.



▶ Side chain

① 3.0 mm (0.12 in.)

② 30.0 mm (1.18 in.)

③ 10.0 mm (0.39 in.)

▶ Cross chain

④ 4.0 mm (0.16 in.)

⑤ 25.0 mm (0.98 in.)

⑥ 14.0 mm (0.55 in.)

Regulations on the use of tire chains

Regulations regarding the use of tire chains vary depending on location and type of road. Always check local regulations before installing chains.

Tire chain installation

Observe the following precautions when installing and removing chains:

- Install and remove tire chains in a safe location.
- Install tire chains on the front tires only. Do not install tire chains on the rear tires.
- Install tire chains on front tires as tightly as possible. Retighten chains after driving 0.5 - 1.0 km (1/4 - 1/2 mile).
- Install tire chains following the instructions provided with the tire chains.

WARNING

■ **Driving with snow tires**

Observe the following precautions to reduce the risk of accidents.
Failure to do so may result in a loss of vehicle control and cause death or serious injury.

- Use tires of the specified size.
- Maintain the recommended level of air pressure.
- Do not drive at speeds in excess of the speed limit or the speed limit specified for the snow tires being used.
- Use snow tires on all, not just some wheels.

■ **Driving with tire chains**

Observe the following precautions to reduce the risk of accidents.
Failure to do so may result in the vehicle being unable to be driven safely, and may cause death or serious injury.

- Do not drive in excess of the speed limit specified for the tire chains being used, or 50 km/h (30 mph), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.

■ **When parking the vehicle**

When parking the vehicle without applying the parking brake, make sure to chock the wheels. If you do not chock the wheels, the vehicle may move unexpectedly, possibly resulting in an accident.

NOTICE

■ **Repairing or replacing snow tires**

Request repairs or replacement of snow tires from any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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.

■ **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 270

Using the steering wheel climate remote control switches.....278

Seat heaters 279

5-2. Using the interior lights

Interior lights list.....280

- Front interior light 281
- Front personal lights.....281
- Rear interior light.....282

5-3. Using the storage features

List of storage features 283

- Glove boxes 284
- Console box 284
- Cup holders/ bottle holders/ door pockets.....285
- Auxiliary boxes 287
- Card holders.....288

Luggage compartment features.....289

5-4. Using the other interior features

Other interior features.....292

- Sun visors.....292
- Vanity mirrors 292
- Clock 293
- Power outlet 294
- Assist grips 295
- Panoramic roof shades.....296
- Rear sunshades 298

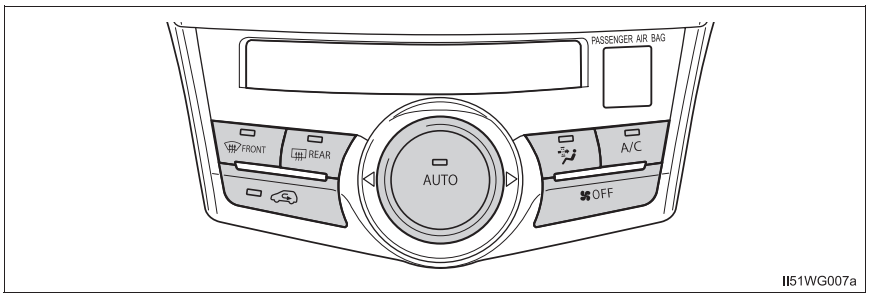
Automatic air conditioning system

Air outlets and fan speed are automatically adjusted according to the temperature setting.

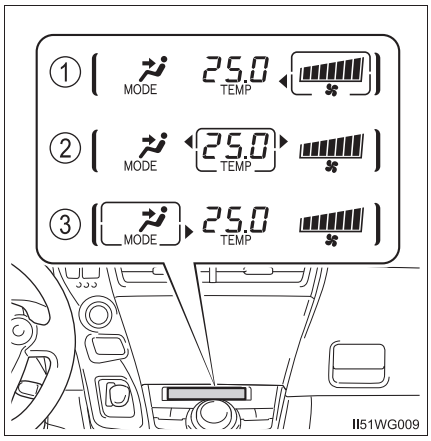
The illustrations below are for left-hand drive vehicles.

The button positions and shapes will differ for right-hand drive vehicles.

Control panel



■ Switching functions and changing settings



1 Move  left and right to select the function.

The function currently being set up will be surrounded by a frame.

The arrows displayed at the sides of the frame indicate the directions in which the frame can be moved.

① Fan speed

② Temperature setting

③ Airflow mode

2 Turn  to adjust/select the setting.

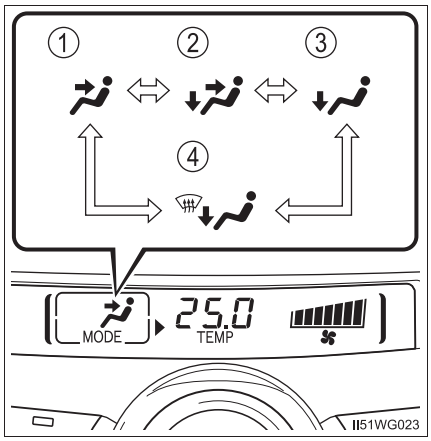
■ Changing the airflow mode

① Air flows to the upper body.

② Air flows to the upper body and feet.

③ Air flows to the feet.

④ Air flows to the feet and the windshield defogger operates.



Using the automatic air conditioning system

1 Press 

*.

The air conditioning system begins to operate. Air outlets and fan speed are automatically adjusted according to the temperature setting.

To switch the air conditioning (cooler/dehumidifier functions) ON or OFF, press 

. (ON and OFF are switched between each time the button is pressed.)

*: When 

is pressed, the current temperature setting display (

) will be automatically selected.

2 Turn 

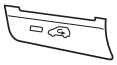
to the clockwise to raise the temperature, or counterclockwise to lower.

■ **Automatic mode indicator**

If the fan speed setting or airflow modes are operated, the automatic mode indicator goes off. However, automatic mode for functions other than that operated are maintained.

Other functions

■ Switching between outside air and recirculated air modes

Press  .

The mode switches between recirculated air mode and outside air mode each time the button is pressed.

The indicator on  turns on when the recirculated air mode is selected.

■ Defogging the windshield

Defoggers are used to defog the windshield and front side windows.

Press  .

Set  to outside air mode if the recirculated air mode is used. (It may switch automatically.)

To defog the windshield and the side windows early, turn the air flow and temperature up.

To return to the previous mode, press  again when the windshield is defogged.

■ Defogging the rear window and outside rear view mirrors

Defoggers are used to defog the rear window and to remove raindrops, dew and frost from the outside rear view mirrors.

Press  .

The defoggers will automatically turn off after a period of time.

■ Pollen removal mode

Pollen is removed from the air and the air flows to the upper part of the body.

Press  .

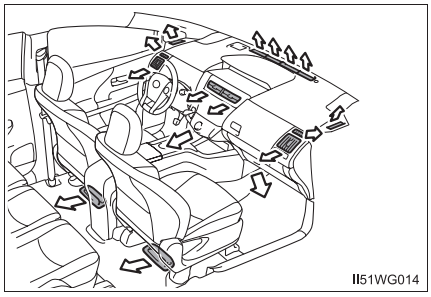
In order to prevent the windshield from fogging up when the outside air is cold, the dehumidification function may operate.

The pollens are filtered out even if the pollen removal mode is turned off.

Air outlets

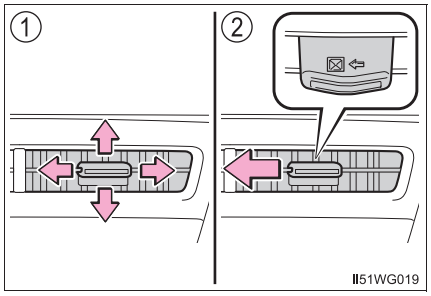
■ Location of air outlets

The air outlets and air volume changes according to the selected air flow mode.



■ Adjusting the position of and opening and closing the air outlets

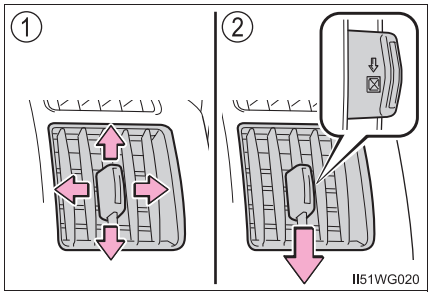
▶ Center



① Direct air flow to the left or right, up or down.

② Move the knob in the direction of the printed arrow until a click is heard to close the vent.

▶ Side



① Direct air flow to the left or right, up or down.

② Move the knob in the direction of the printed arrow until a click is heard to close the vent.

■ **Using automatic mode**

Fan speed is adjusted automatically according to the temperature setting and the ambient conditions.
Therefore, the fan may stop for a while until warm or cool air is ready to flow immediately after the “AUTO” button is pressed.

■ **After pressing** 

The selection frame will automatically move to the fan speed display.

■ **Fogging up of the windows**

- The windows will easily fog up when the humidity in the vehicle is high. Pressing “A/C” button on will dehumidify the air from the outlets and defog the windshield effectively.
- If you turn “A/C” button off, the windows may fog up more easily.
- The windows may fog up if the recirculated air mode is used.

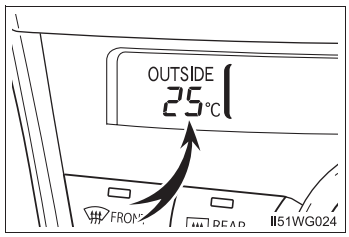
■ **Outside/recirculated air mode**

- When driving on dusty roads such as tunnels or in heavy traffic, set  to the recirculated air mode. This is effective in preventing outside air from entering the vehicle interior. During cooling operation, setting the recirculated air mode will also cool the vehicle interior effectively.
- Outside/recirculated air mode may automatically switch depending on the temperature setting or the inside temperature.

■ **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 25 km/h [16 mph])
- When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)



5

Interior features

■ **When the outside temperature is low**

The dehumidification function may not operate even when “A/C” button is pressed.

■ **Operation of the air conditioning system in Eco drive mode**

- In the 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
  - Customize the air conditioning control of Eco drive mode. (→P. 468)

■ **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.

■ **Air conditioning filter**

→P. 347

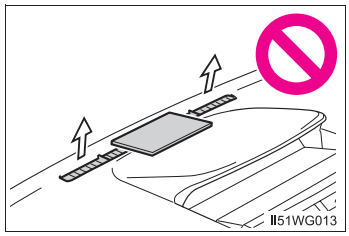
■ **Customization**

Settings (e.g. A/C auto switching operation) can be changed.
(Customizable features: →P. 465)

WARNING

■ **To prevent the windshield from fogging up**

- Do not use  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.
- 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.



■ **To prevent burns**

Do not touch the rear view mirror surfaces when the outside rear view mirror defoggers are on.

NOTICE

■ **To prevent 12-volt battery discharge**

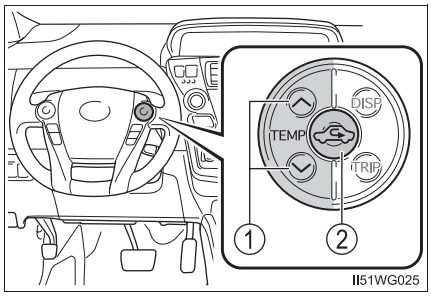
Do not leave the air conditioning system on longer than necessary when the hybrid system is off.

Using the steering wheel climate remote control switches*

Some air conditioning features can be controlled using the switches on the steering wheel.

① Temperature control

② Outside air or recirculated air mode



Adjusting the temperature setting

Press "∧" on  to increase the temperature and "∨" to decrease the temperature.

Changing the outside air or recirculated air modes

Press .

The mode switches between outside air mode and recirculated air mode each time the switch is pressed.

When changing the temperature setting using the steering switches

The temperature will change, however the position of the selection frame on the air conditioning display will remain the same.

WARNING

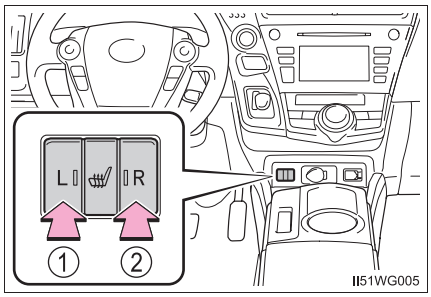
To reduce the risk of an accident

Exercise care when operating the air conditioning switches on the steering wheel.

*: If equipped

Seat heaters*

① Heats the left front seat
② Heats the right front seat
The indicator light comes on.



- The seat heaters can be used when the power switch is in ON mode.
- When not in use, turn off the switch. The indicator light turns off.

WARNING

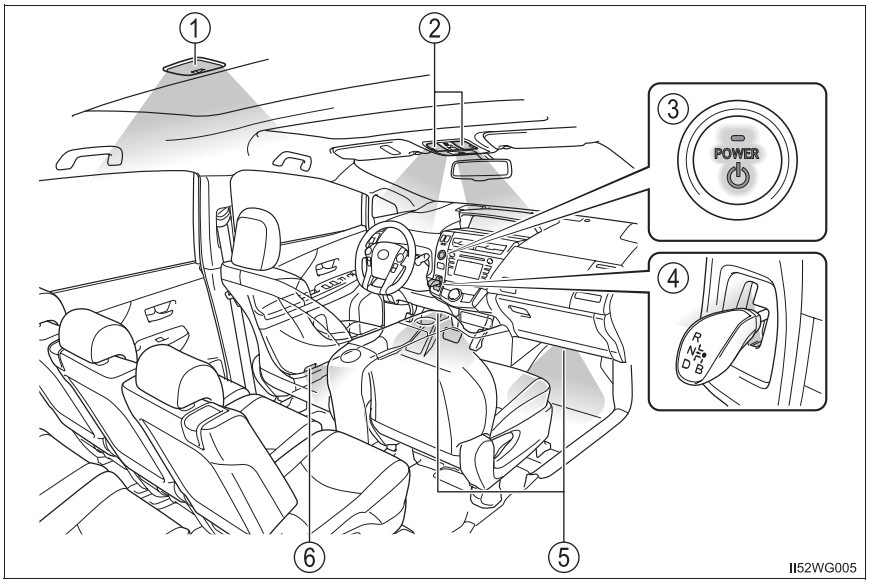
- Care should be taken to prevent injury if anyone in the following categories comes in contact with the seats when the heater is on:
  - Babies, small children, the elderly, the sick and the physically challenged
  - Persons with sensitive skin
  - Persons who are fatigued
  - Persons who have taken alcohol or drugs that induce sleep (sleeping drugs, cold remedies, etc.)
- Observe the following precautions to prevent minor burns or overheating:
  - Do not cover the seat with a blanket or cushion when using the seat heater.
  - Do not use seat heater more than necessary.

NOTICE

- 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.

*: If equipped

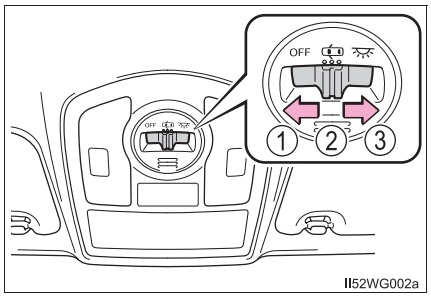
Interior lights list



① Rear interior light (→P. 282)
② Front personal/interior lights (→P. 281)
③ Power switch lighting
④ Shift lever lighting
⑤ Footwell lights (if equipped)
⑥ Front door courtesy lights

Front interior light

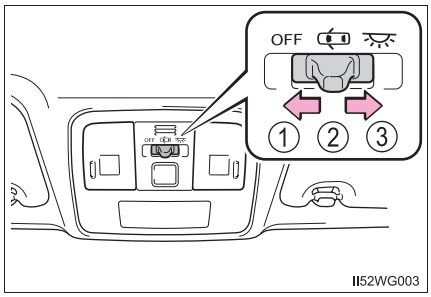
▶ Vehicles without panoramic roof



II52WG002a

① Turns the lights off
② Turns the door position on
③ Turns the lights on

▶ Vehicles with panoramic roof

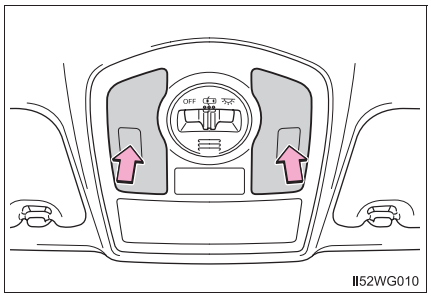


II52WG003

① Turns the lights off
② Turns the door position on
③ Turns the lights on

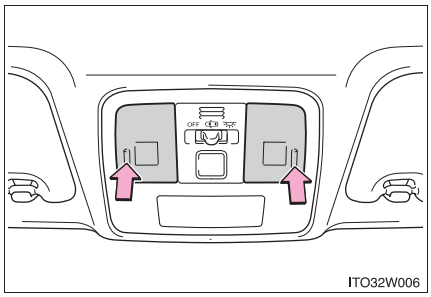
Front personal lights

▶ Vehicles without panoramic roof


II52WG010

Turns the lights on/off

▶ Vehicles with panoramic roof


ITO32W006

Turns the lights on/off

5

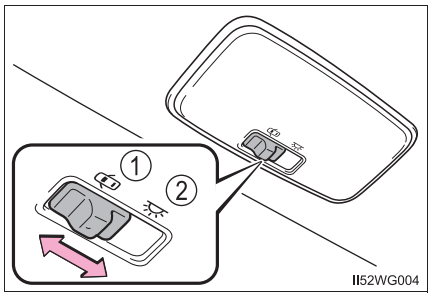
Interior features

Rear interior light

① Turns the door position on

When the personal/interior light main switch is in the off position, the rear interior light will not turn on even if the door is opened with the rear interior light switch in door position.

② Turns the light on

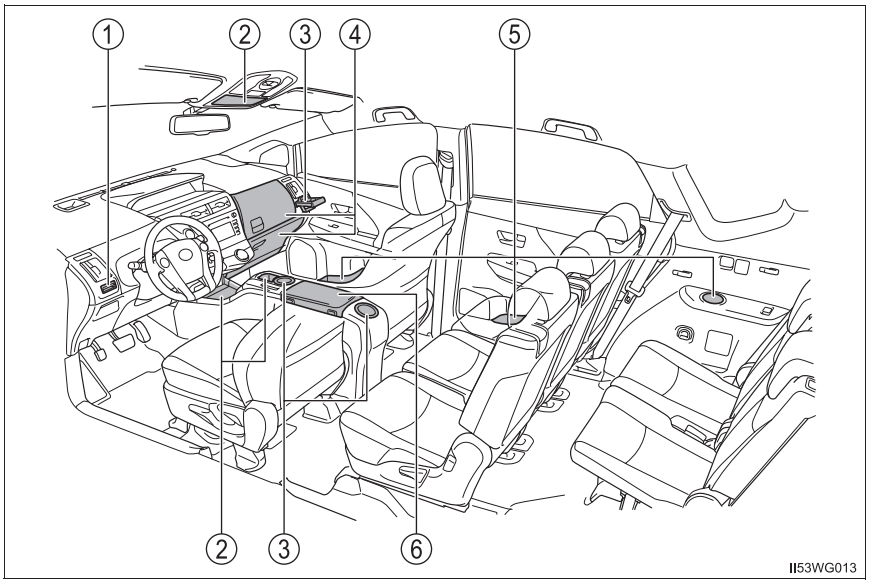


- Illuminated entry system: The lights automatically turn on/off according to power switch mode, the presence of the electronic key, whether the doors are locked/unlocked, and whether the doors are opened/closed.
- If the interior lights remain on when the power switch is turned off, the light will go off automatically after 20 minutes.
- Settings (e.g. the time elapsed before the lights turn off) can be changed. (Customizable features: →P. 465)

⚠ 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



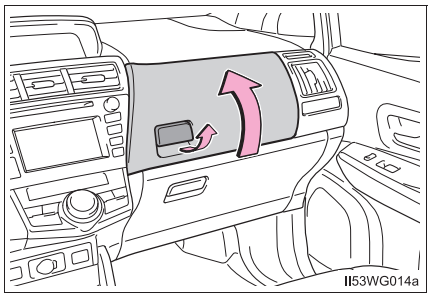
① Card holders (if equipped: →P. 288)
② Auxiliary boxes (→P. 287)
③ Cup holders (→P. 285)
④ Glove boxes (→P. 284)
⑤ Bottle holders/door pockets (→P. 285)
⑥ Console box (→P. 284)

⚠ WARNING

- 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.
- When driving or when the storage compartments are not in use, keep the lids closed.
  In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by an open lid or the items stored inside.

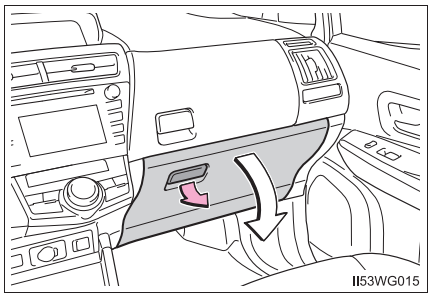
Glove boxes

▶ Upper glove box



Pull up the lever.

▶ Lower glove box

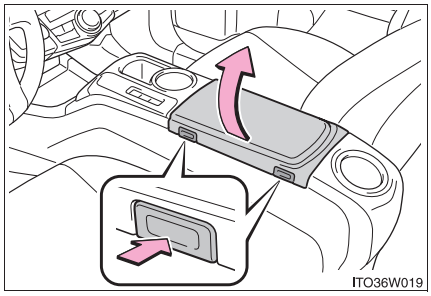


Pull up the lever.

Console box

Push the button to open the lid.

The lid can be opened by pushing either the front or rear button.

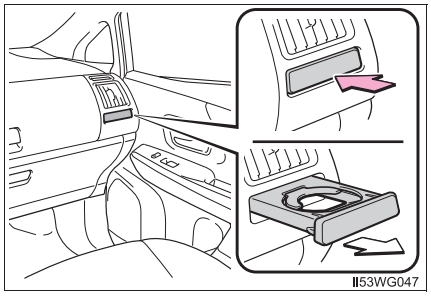


If the lower glove box is opened when the front position lights are illuminated, the light illuminates.

Cup holders/bottle holders/door pockets

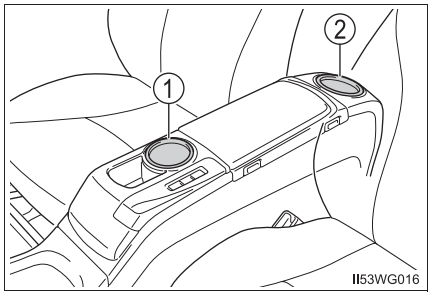
■ Cup holders

▶ Front passenger's side



Push the lid.

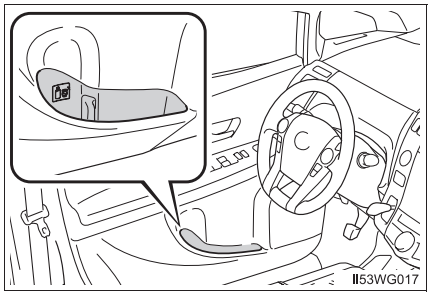
▶ Center console



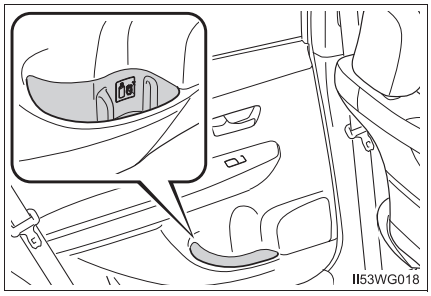
① Front
② Rear

■ Bottle holders/door pockets

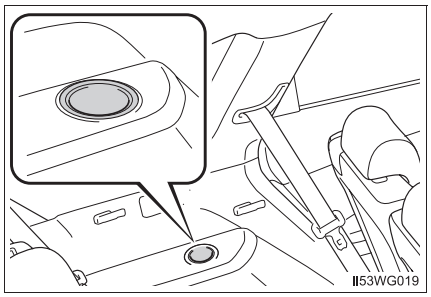
▶ Front doors



▶ Rear doors



▶ Third seats



- When storing a bottle, close the cap.
- The bottle may not be stored depending on its size or shape.

WARNING

Do not place anything other than cups or aluminum cans in the cup holders. Other items may be thrown out of the holders in the event of an accident or sudden braking, causing injury. If possible, cover hot drinks to prevent burns.

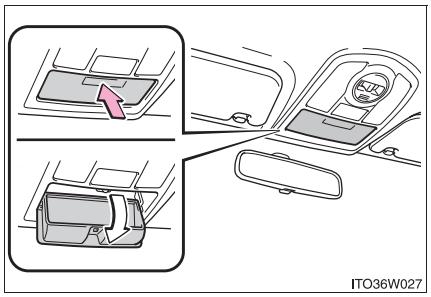
NOTICE

Put the cap on before stowing a bottle. Do not place open bottles or glass and paper cups containing liquid in the bottle holders.

The contents may spill and glasses may break.

Auxiliary boxes

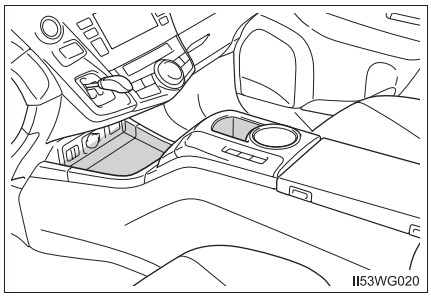
▶ Type A (if equipped)



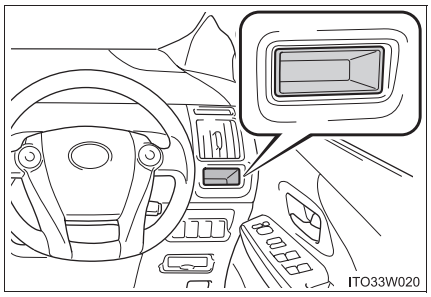
Press in the lid.

The overhead console is useful for temporarily storing small items.

▶ Type B



▶ Type C (if equipped for right-hand drive vehicles)

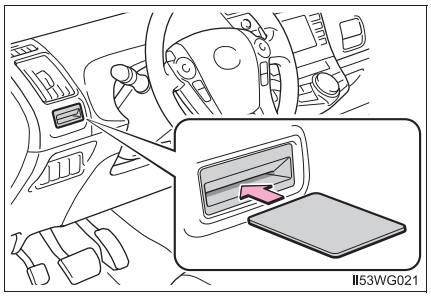


⚠ WARNING

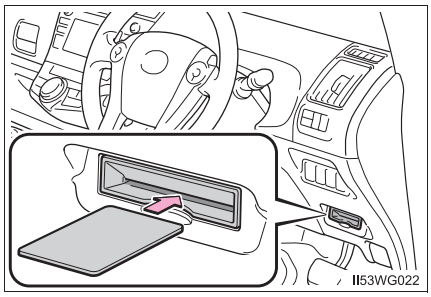
Do not store items heavier than 200 g (0.44 lb.).
Doing so may cause the auxiliary box to open and the items inside may fall out, resulting in an accident. (type A)

Card holders

▶ Left-hand drive vehicles (if equipped)



▶ Right-hand drive vehicles

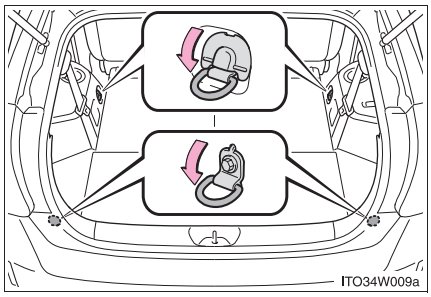


Luggage compartment features

Cargo hooks

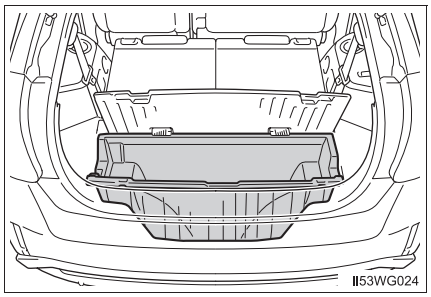
Raise the hook to use.

The cargo hooks are provided for securing loose items.



Auxiliary boxes

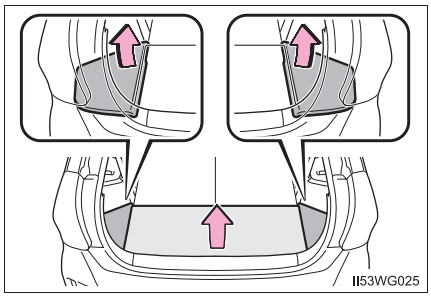
▶ Center



Lift the deck board.

When closing, lift the deck board slightly and then fold it towards the rear of the vehicle.

▶ Side



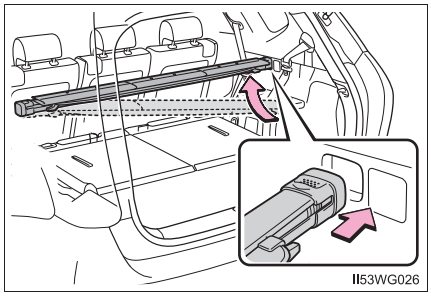
Lift the center deck board and then lift the side deck boards.

Lift the side deck board from the front side of the vehicle to prevent hitting the cargo hook.

Luggage cover (if equipped)

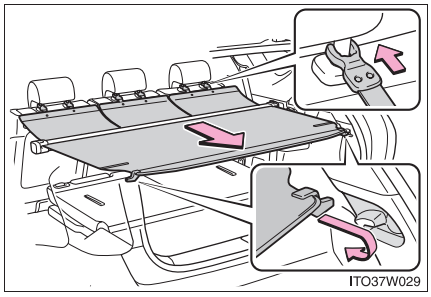
■ Installing the luggage cover

Set the holder of one side into the installation position, then install both holders from below with the cover in its contracted state.



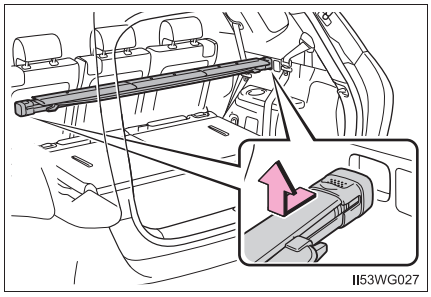
■ Using the luggage cover

Pull out the luggage cover and secure it to the hook brackets. Attach the hooks to the head restraints.



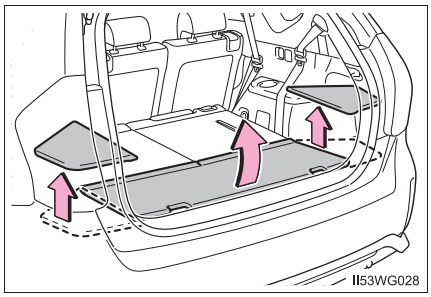
■ Removing the luggage cover

Retract the cover and release both ends, then lift it out.

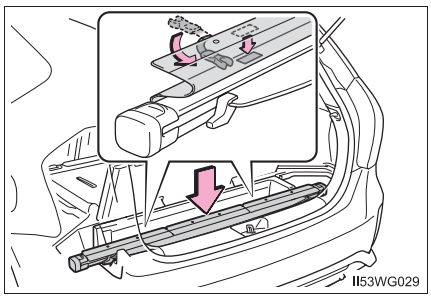


■ Stowing the luggage cover

1 Lift the center deck board and remove the side deck boards.



2 Fold inwards together with the head restraint installation hooks and secure. Then, stow in the auxiliary boxes.



⚠ WARNING

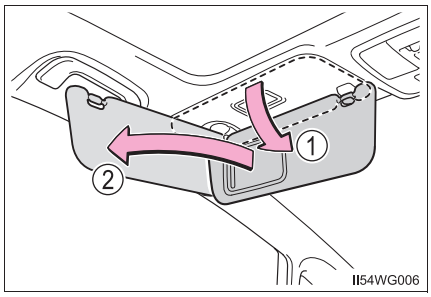
- To avoid injury, always return the cargo hooks to their stowed positions when not in use.
- If the deck boards are removed, return them to their original positions before driving. In the event of sudden braking, an accident may occur due to an occupant being struck by the deck boards or the items stored in the auxiliary box.
- 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.

Other interior features

Sun visors

① To set the visor in the forward position, flip it down.

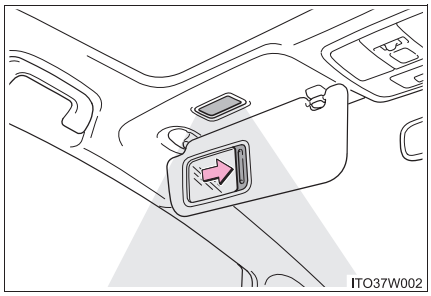
② To set the visor in the side position, flip down, unhook, and swing it to the side.



Vanity mirrors

Slide the cover to open.

The light turns on when the cover is opened.



If the vanity lights remain on when the power switch is turned off, the light will go off automatically after 20 minutes.

NOTICE

To prevent 12-volt battery discharge, do not leave the vanity lights on for extended periods while the hybrid system is off.

Clock

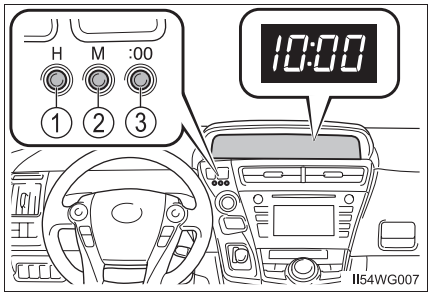
The clock can be adjusted by pressing the buttons.

① Adjusts the hours

② Adjusts the minutes

③ Rounds to the nearest hour*

*: e.g. 1:00 to 1:29→1:00
1:30 to 1:59→2:00

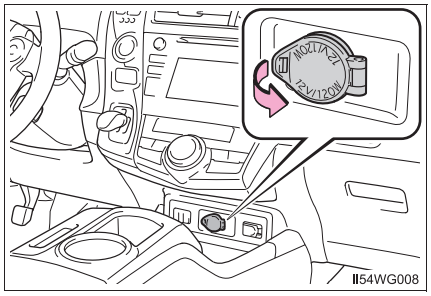


- The clock is displayed when the power switch is in ACCESSORY or ON mode.
- Even after the power switch has been turned off, the time will continue to be displayed for approximately 30 seconds or until a door is locked.

Power outlet

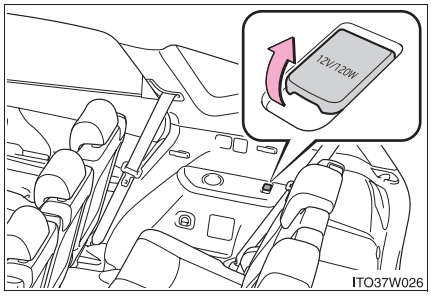
Please use as a power supply for electronic goods that use less than 12 V DC/10 A (power consumption of 120 W).

▶ Front



Open the cover.

▶ Rear



Open the cover.

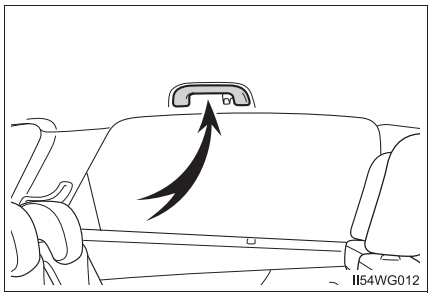
The power outlet can be used when the power switch is in ACCESSORY or ON mode.

⚠ NOTICE

- To avoid damaging the power outlet, close the power outlet lid when the power outlet is not in use.
  Foreign objects or liquids that enter the power outlet may cause a short circuit.
- To prevent 12-volt battery discharge, do not use the power outlet longer than necessary when the hybrid system is off.

Assist grips

An assist grip installed on the ceiling can be used to support your body while sitting on the seat.



WARNING

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.

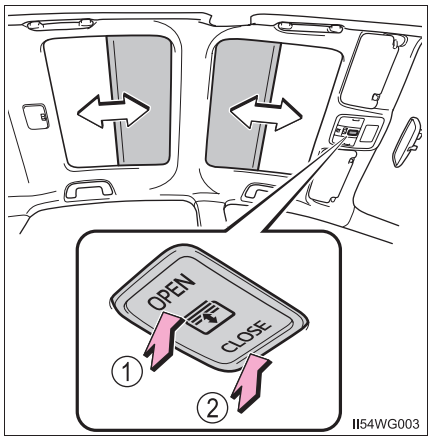
Panoramic roof shades (if equipped)

Use the overhead switches to open/close the panoramic roof shades.

① Open*

② Close*

*: To stop partway, press the switch lightly.



■ The panoramic roof shades can be operated when

The power switch is in ON mode.

■ Jam protection function

- If an object is detected between a panoramic roof shade and the frame while closing, travel is stopped and the panoramic roof shades open slightly.
- When the jam protection function has operated, even if the “CLOSE” side of the switch is pressed again, the shades will not move in the close direction until the reverse operation has stopped completely.
- Depending on the driving conditions and the surroundings, the panoramic roof shades may collide with something and operate in reverse.

■ Door lock linked automatic close function

Operates when the power switch is turned off and the doors are locked from inside or outside the vehicle using the wireless remote control, or are locked from outside the vehicle using the smart entry & start system or mechanical key.

■ If the panoramic roof shades do not close normally

Perform the following operations.

1 Stop the vehicle in a safe place.

2 With the panoramic roof shades stopped, push and hold the “CLOSE” side of the switch for 10 seconds or more (until the panoramic roof shades have closed completely).

If the panoramic roof shades continue to close but then re-open slightly even after performing the above procedure correctly, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Customization**

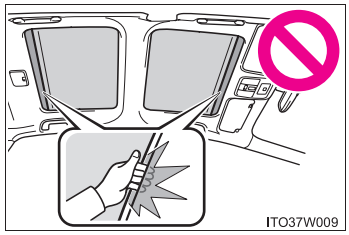
The door lock linked automatic close function can be disabled.
(Customizable features: →P. 465)

⚠ WARNING

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

■ **When closing the panoramic roof shades**

- Check to make sure that all passengers do not have any part of their bodies in a position where they could be caught when the panoramic roof shades are being operated.
- Do not allow children to operate the panoramic roof shades.
  Closing the panoramic roof shades on someone can cause death or serious injury.



■ **Jam protection function**

- Never try jamming any part of your body to activate the jam protection function intentionally.
- The jam protection function may not work if something gets caught just before the panoramic roof shades fully close.

■ **To prevent burns or injuries**

Do not touch the gaps between the underside of the roof and the panoramic roof shades.

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 roof could become very hot and could cause burns.

NOTICE

The panoramic roof is made of resin. Follow these precautions to prevent damage to the roof.

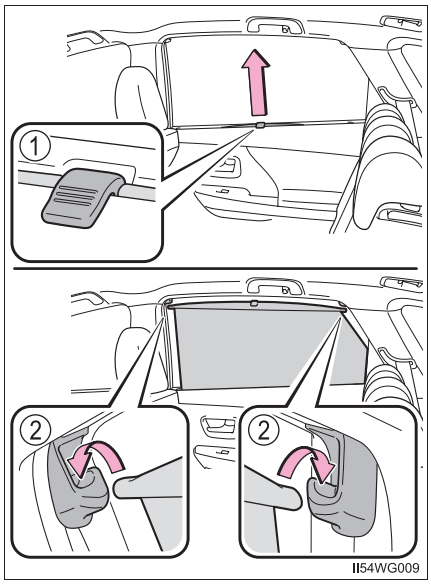
- When cleaning the roof, use a mild soap and a soft cloth or sponge to remove dirt, then wash clean with plenty of water. (→P. 304)
- When loading luggage onto the roof, make sure to use a roof rack designed for this vehicle. (→P. 199)

Rear sunshades (if equipped)

① Pull the tab up.

② Hook the sunshade on to the anchors.

To lower the sunshade, pull the tab slightly to unhook the shade from the anchors, and lower it slowly.



⚠ NOTICE

- Do not place anything where it may hinder the opening/closing of the sunshade.
- Do not place anything on the sunshade.

6-1. Maintenance and care

Cleaning and protecting the vehicle exterior 300

Cleaning and protecting the vehicle interior 305

6-2. Maintenance

Maintenance requirements.....308

6-3. Do-it-yourself maintenance

Do-it-yourself service precautions 311

Hood 313

Positioning a floor jack.....315

Engine compartment.....317

12-volt battery 327

Tires.....331

Tire inflation pressure 343

Wheels.....345

Air conditioning filter 347

Wiper rubber replacement.....349

Electronic key battery 351

Checking and replacing fuses 353

Light bulbs 357

Cleaning and protecting the vehicle exterior

Perform the following to protect the vehicle and maintain it in prime condition:

- Working from top to bottom, liberally apply water to the vehicle body, wheel wells and underside of the vehicle to remove any dirt and dust.
- Wash the vehicle body using a sponge or soft cloth, such as a chamois.
- For hard-to-remove marks, use car wash soap and rinse thoroughly with water.
- Wipe away any water.
- Wax the vehicle when the waterproof coating deteriorates.

  If water does not bead on a clean surface, apply wax when the vehicle body is cool.

■ Automatic car washes

- Fold the mirrors and remove the antenna before washing the vehicle. Start washing from the front of the vehicle. Make sure to re-install the antenna and extend the mirrors before driving.
- Brushes used in automatic car washes may scratch the vehicle surface and harm your vehicle's paint.
- Roof antenna and rear spoiler may not be washable in some automatic car washes. There may also be an increased risk of damage to vehicle.

■ High pressure car washes

- Do not allow the nozzles of the car wash to come within close proximity of the windows.
- Before using the car wash, check that the fuel filler door on your vehicle is closed properly.

■ **Note for a smart entry & start system**

If the door handle becomes wet while the electronic key is within the effective range, the door may unlock and lock repeatedly. 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.)

■ **Aluminum wheels**

- Remove any dirt immediately by using a neutral detergent. Do not use hard brushes or abrasive cleaners. Do not use strong or harsh chemical cleaners.
  Use the same mild detergent and wax as used on the paint.
- Do not use detergent on the wheels when they are hot, for example after driving for long distance in the hot weather.
- Wash detergent from the wheels immediately after use.

■ **Bumpers**

Do not scrub with abrasive cleaners.

■ **Front side windows water-repellent coating (if equipped)**

- The following precautions can extend the effectiveness of the water-repellent coating.
  - Remove any dirt, etc. from the front side windows regularly.
  - Do not allow dirt and dust to accumulate on the windows for a long period.
    Clean the windows with a soft, damp cloth as soon as possible.
  - Do not use wax or glass cleaners that contain abrasives when cleaning the windows.
  - Do not use any metallic objects to remove condensation build up.
- When the water-repellent performance has become insufficient, the coating can be repaired. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

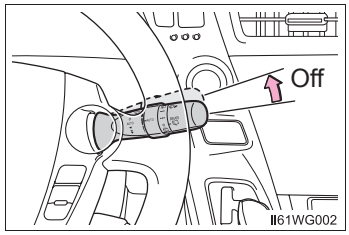
WARNING

■ **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.



- 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.

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.

■ **Antenna installation and removal precautions**

- Before driving, ensure that the antenna is installed.
- When the antenna is removed, such as before entering an automatic car wash, make sure to store it in a suitable place so as not to lose it. Also, before driving, make sure to reinstall the antenna in its original position.

■ **When using an automatic car wash (vehicles with rain-sensing windshield wipers)**

Set the wiper switch to the off position.
If the wiper switch is in “AUTO”, the wipers may operate and the wiper blades may be damaged.

NOTICE

■ **To prevent damage to the panoramic roof (if equipped)**

Observe the following precautions. Otherwise, the surface of the panoramic roof may be damaged, or the deterioration of the coating may be accelerated.

- Before washing the vehicle, remove any dust, sand or other foreign matter using water.
- Do not use harsh brushes, scrubbing brushes or sharp objects to wash the roof. Use only soft cloths or sponges.
- Use a mild soap when removing dirt, and avoid the use of oil-based products (such as glass coating or car wax), alcohol-based products (such as glass cleaner), or abrasive cleansers.
  After cleaning, wash away any remaining soap with water.
- If there is iron oxide on the vehicle, wash it away with water while wiping gently without scrubbing.
- Do not attach suction cups or sticky objects, such as stickers.
  Promptly remove the information label attached to the panoramic roof after confirming the content.
- If snow has accumulated on the roof, remove it while being careful to avoid scratching the roof.
  If there is frost or ice on the roof, avoid the use of scrapers or de-icer.

Cleaning and protecting the vehicle interior

The following procedures will help protect your vehicle's interior and keep it in top condition:

Protecting the vehicle interior

Remove dirt and dust using a vacuum cleaner. Wipe dirty surfaces with a cloth dampened with lukewarm water.

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.

Cleaning the synthetic leather areas

- Remove loose dirt using a vacuum cleaner.
- Apply a mild soap solution to the synthetic leather using a sponge or soft cloth.
- Allow the solution to soak in for a few minutes. Remove the dirt and wipe off the solution with a clean, damp cloth.

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.

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.

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.
  Doing so may cause the hybrid battery (traction 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. 47)
  An electrical malfunction may cause the airbags to deploy or not function properly, 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.

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. Use a cloth dampened with lukewarm water to gently wipe the window clean. Wipe the window in strokes running parallel to the heater wires.
- Be careful not to scratch or damage the heater wires.

Maintenance requirements

To ensure safe and economical driving, day-to-day care and regular maintenance are essential. Toyota recommends the following maintenance:

Scheduled maintenance

Scheduled maintenance should be performed at specified intervals according to the maintenance schedule.

For full details of your maintenance schedule, refer to the “Toyota Service Booklet” or “Toyota Warranty Booklet”.

Do-it-yourself maintenance

What about do-it-yourself maintenance?

Many maintenance items are easy to do yourself if you have a little mechanical ability and a few basic automotive tools.

Note, however, that some maintenance tasks require special tools and skills. These are best performed by qualified technicians. Even if you’re an experienced do-it-yourself mechanic, we recommend that repairs and maintenance be conducted by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. Any authorized Toyota dealer 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.

■ **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 dealers or repairers or other duly qualified and equipped professionals. For repairs and services covered by your warranty, please visit an authorized Toyota dealer or repairer, who will use genuine Toyota parts in repairing any difficulties you may encounter. There can also be advantages in utilizing authorized Toyota dealers 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 dealer or repairer, or another duly qualified and equipped professional will perform all of the scheduled maintenance on your vehicle reliably and economically due to their experience with Toyota vehicles.

■ **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. 380, 444)

If you notice any of these clues, take your vehicle to any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible. Your vehicle may need adjustment or repair.

WARNING

■ **If your vehicle is not properly maintained**

Improper maintenance could result in serious damage to the vehicle and possible serious injury or death.

■ **Handling of the 12-volt battery**

12-volt battery posts, terminals and related accessories contain lead and lead compounds which are known to cause brain damage. Wash your hands after handling. (→P. 327)

Do-it-yourself service precautions

If you perform maintenance by yourself, be sure to follow the correct procedure as given in these sections.

Items	Parts and tools
12-volt battery condition (→P. 327)	• Grease • Conventional wrench (for terminal clamp bolts)
Engine/power control unit coolant level (→P. 323)	• "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. 319)	• "Toyota Genuine Motor Oil" or equivalent • Rag or paper towel • Funnel (used only for adding engine oil)
Fuses (→P. 353)	• Fuse with same amperage rating as original
Light bulbs (→P. 357)	• Bulb with same number and wattage rating as original • Phillips-head screwdriver • Flathead screwdriver • Wrench
Radiator and condenser (→P. 324)	—
Tire inflation pressure (→P. 343)	• Tire pressure gauge • Compressed air source
Washer fluid (→P. 325)	• 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 indicator on the power switch and the “READY” indicator are both off.
- Keep hands, clothing and tools away from the moving fan.
- Be careful not to touch the engine, power control unit, radiator, exhaust manifold, etc. right after driving as they may be hot. Oil and other fluids may also be hot.
- Do not leave anything that may burn easily, such as paper and rags, in the engine compartment.
- Do not smoke, cause sparks or expose an open flame to fuel. Fuel fumes are flammable.
- Take care because brake fluid can harm your hands or eyes and damage painted surfaces. If fluid gets on your hands or in your eyes, flush the affected area with clean water immediately. If you still experience discomfort, consult a doctor.

■ When working near the electric cooling fans or radiator grille

Be sure the power switch is off.
With the power switch in ON mode, the electric cooling fans may automatically start to run if the air conditioning is on and/or the coolant temperature is high. (→P. 324)

■ 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 brake fluid level is low or high

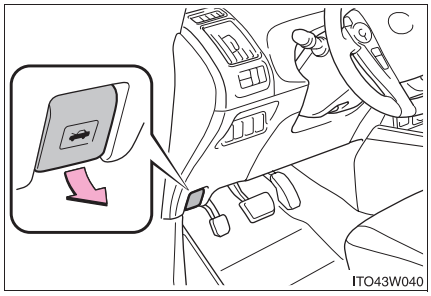
It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high.
If the reservoir needs frequent refilling, it may indicate a serious problem.

Hood

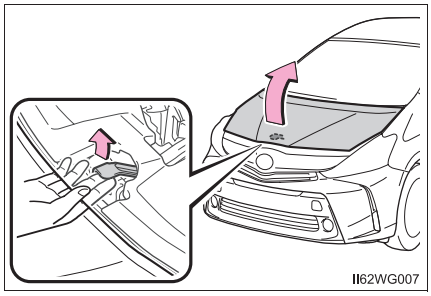
Release the lock from the inside of the vehicle to open the hood.

1 Pull the hood lock release lever.

The hood will pop up slightly.

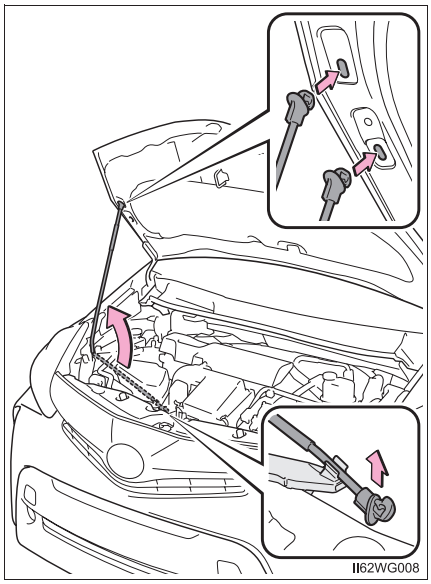


2 Pull up the auxiliary catch lever and lift the hood.



3 Hold the hood open by inserting the supporting rod into the slot.

Use the upper slots to open the hood normally, or use the lower slots when the hood needs to be opened wide.



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 from falling down on to your head or body.

NOTICE

■ **When closing the hood**

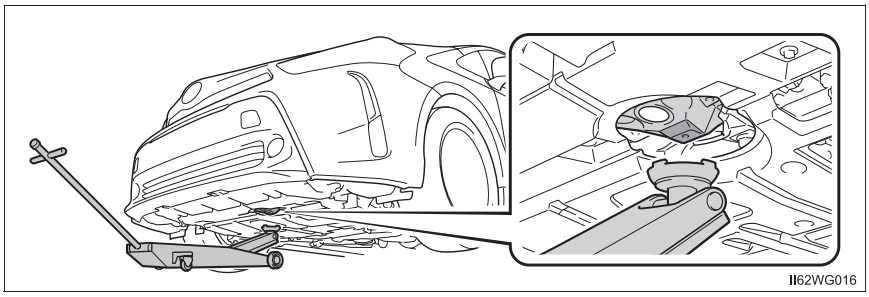
Be sure to return the support rod to its clip before closing the hood. Closing the hood without returning the support rod properly could cause the hood to bend.

Positioning a floor jack

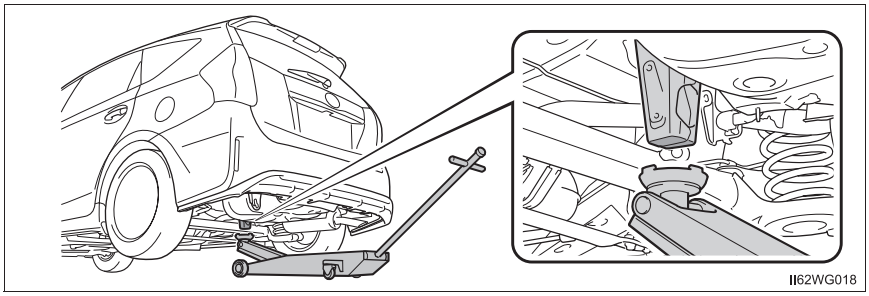
When using a floor jack, follow the instructions in the manual provided with the jack and perform the operation safely.

When raising your vehicle with a floor jack, position the jack correctly. Improper placement may damage your vehicle or cause injury.

◆ Front

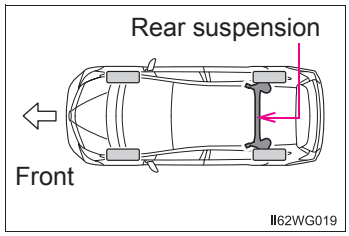


◆ Rear

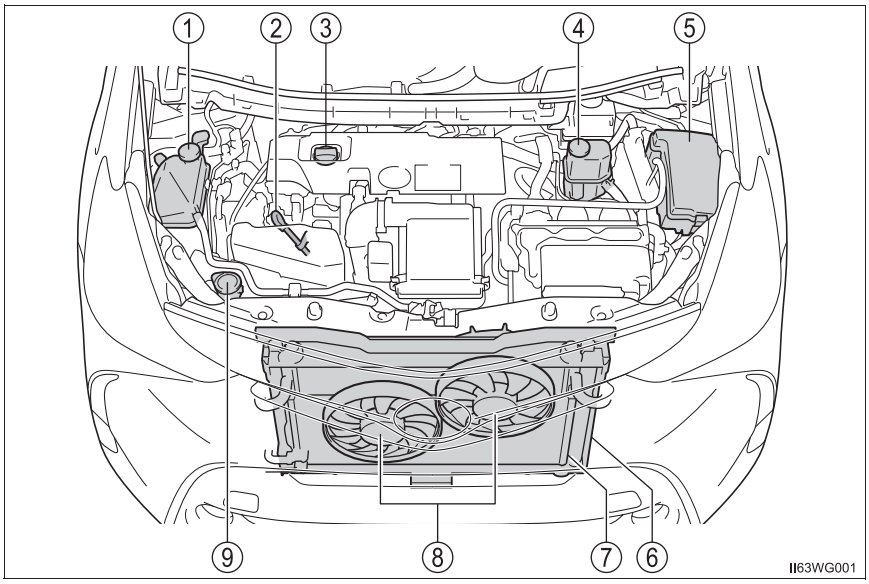


WARNING

When raising the vehicle, do not set the floor jack under the rear suspension.



Engine compartment

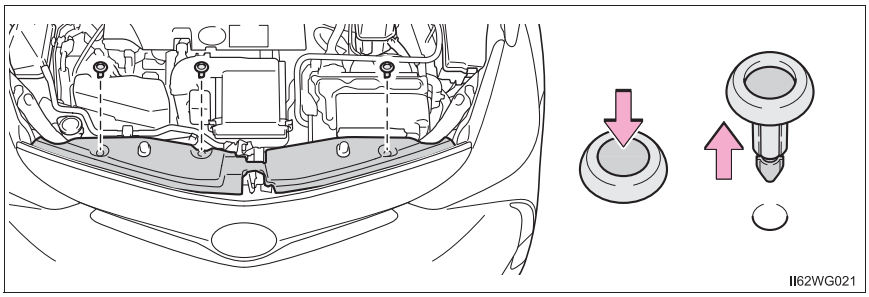


① Engine coolant reservoir (→P. 323)
② Engine oil level dipstick (→P. 319)
③ Engine oil filler cap (→P. 321)
④ Power control unit coolant reservoir (→P. 323)
⑤ Fuse box (→P. 353)
⑥ Radiator (→P. 324)
⑦ Condenser (→P. 324)
⑧ Electric cooling fans
⑨ Washer fluid tank (→P. 325)

■ **12-volt battery**
→P. 327

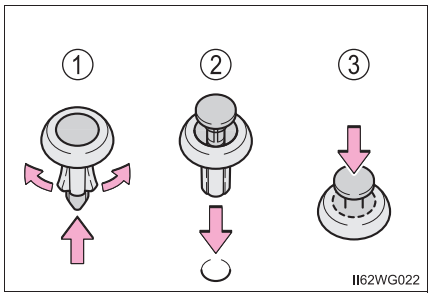
Engine compartment cover

■ Removing the engine compartment cover



■ Installing the clips

① Push up center portion
② Insert
③ Press



⚠ NOTICE

■ After installing an engine compartment cover

Make sure that the cover is securely installed in its original position.

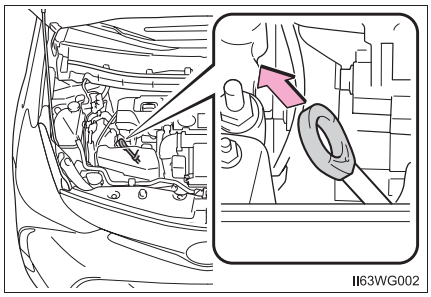
Engine oil

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.

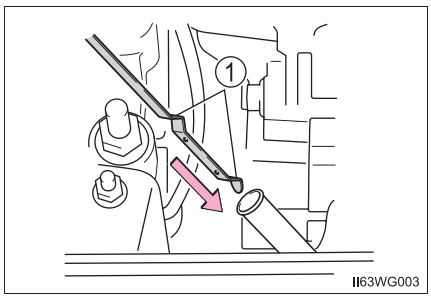
2 Holding a rag under the end, pull the dipstick out.



3 Wipe the dipstick clean.

4 Flat dipstick: Reinsert the dipstick fully.

Non-flat dipstick: Reinsert the dipstick fully with its protruding areas (① in the illustration) pointing towards engine.



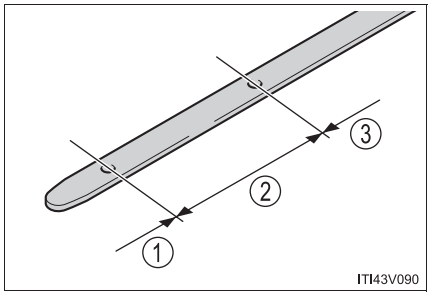
5 Holding a rag under the end, pull the dipstick out and check the oil level.

① Low

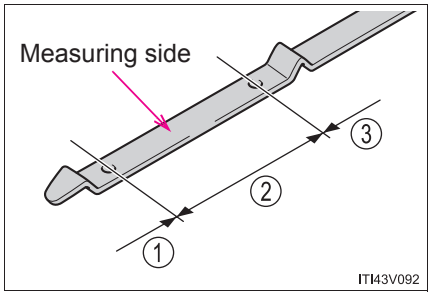
② Normal

③ Excessive

▶ Flat dipstick



▶ Non-flat dipstick

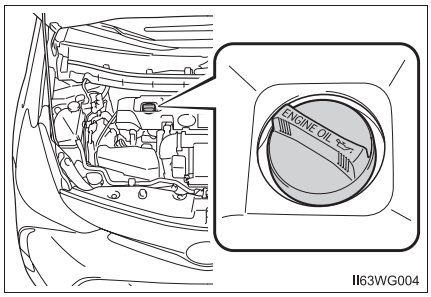


The shape of the dipstick may differ depending on the type of vehicle or engine.

6 Wipe the dipstick and reinsert it fully.

■ 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.



Make sure to check the oil type and prepare the items needed before adding oil.

Engine oil selection	→P. 455
Oil quantity (Low → Full)	1.5 L (1.6 qt., 1.3 Imp. qt.)
Items	Clean funnel

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, or when driving while accelerating or decelerating frequently
- When leaving the engine idling for a long time, or when driving frequently through heavy traffic

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 dealer or repairer, or another duly qualified and equipped professional, 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.

Coolant

The coolant level is satisfactory if it is between the full (“FULL” or “F”) and low (“LOW” or “L”) lines on the reservoir when the hybrid system is cold.

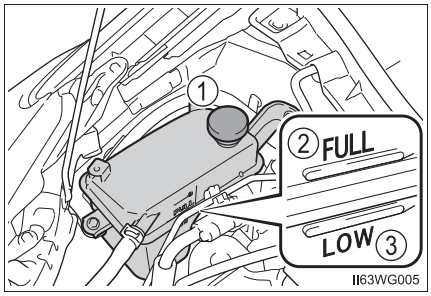
■ Engine coolant reservoir

① Reservoir cap

② “FULL” line

③ “LOW” line

If the level is on or below the “LOW” line, add coolant up to the “FULL” line. (→P. 444)



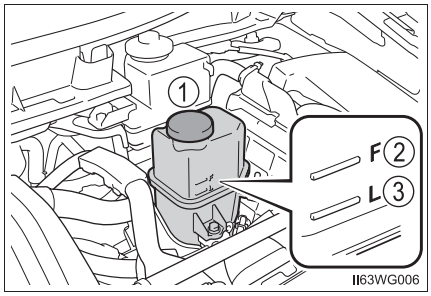
■ Power control unit coolant reservoir

① Reservoir cap

② “F” line

③ “L” line

If the level is on or below the “L” line, add coolant up to the “F” line. (→P. 444)



■ 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 dealer or repairer, or another duly qualified and equipped professional.

■ 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 dealer or repairer, or another duly qualified and equipped professional, 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.

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 dealer or repairer, or another duly qualified and equipped professional.

WARNING

When the hybrid system is hot

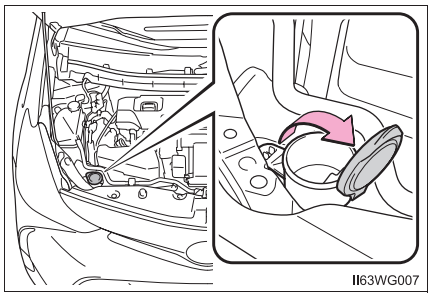
Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

When the electric cooling fans are operating

Do not touch the engine compartment.
With the power switch in ON mode, the electric cooling fans may automatically start to run if the air conditioning is on and/or the coolant temperature is high. Be sure the power switch is off when working near the electric cooling fans or radiator grille.

Washer fluid

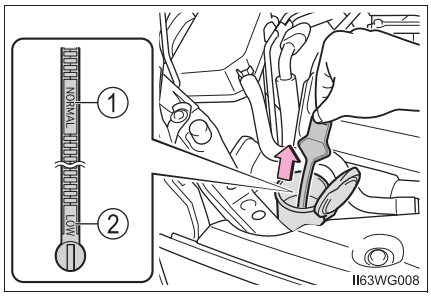
1 Open the lid.



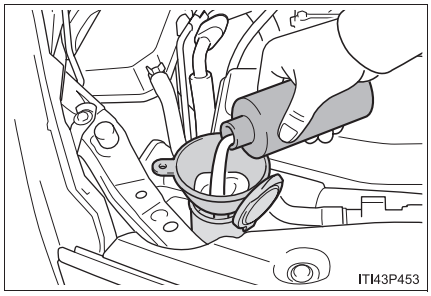
2 Check the washer fluid level on the level gauge.

① “NORMAL”

② “LOW”



3 If the washer fluid level is at “LOW”, add washer fluid.



WARNING

■ **When adding washer fluid**

Do not add washer fluid when the hybrid system is hot or operating as washer fluid contains alcohol and may catch fire if spilled on the engine etc.

NOTICE

■ **Do not use any fluid other than washer fluid**

Do not use soapy water or engine antifreeze instead of washer fluid.
Doing so may cause streaking on the vehicle's painted surfaces.

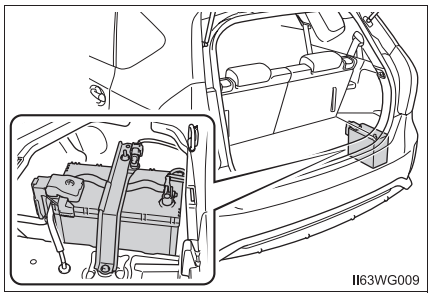
■ **Diluting washer fluid**

Dilute washer fluid with water as necessary.
Refer to the freezing temperatures listed on the label of the washer fluid bottle.

12-volt battery

Location

The 12-volt battery is located in the right-hand side of luggage compartment.

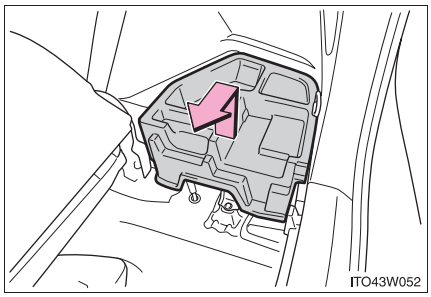


Removing the 12-volt battery maintenance cover

1 Open the center and right side deck boards. (→P. 289)

2 Remove the center auxiliary box. (→P. 407)

3 Remove the right side auxiliary box.

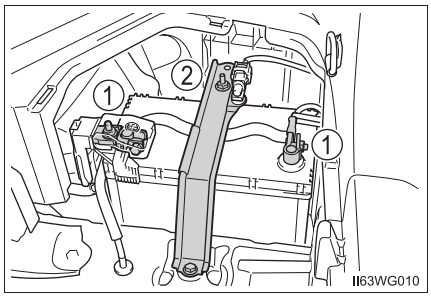


Exterior

Make sure that the 12-volt battery terminals are not corroded and that there are no loose connections, cracks, or loose clamps.

① Terminals

② Hold-down clamp



Caution symbols

The meanings of each caution symbol on the top of the 12-volt battery are as follows:

	No smoking, no naked flames, no sparks		Battery acid
	Shield eyes		Note operating instructions
	Keep away from children		Explosive gas

Before recharging

When recharging, the 12-volt battery produces hydrogen gas which is flammable and explosive. Therefore, observe the following precautions before recharging:

- If recharging with the 12-volt battery installed on the vehicle, be sure to disconnect the ground cable.
- Make sure the power switch on the charger is off when connecting and disconnecting the charger cables to the 12-volt battery.

After recharging/reconnecting the 12-volt battery

- 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 ACCESSORY mode. 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 disconnect the 12-volt battery. Take extra care when connecting the 12-volt battery if the power switch mode prior to discharge is unknown.
- Restart the hybrid system, depress the brake pedal, and confirm that it is possible to shift into each shift position.

If the system will not start even after multiple attempts at all methods above, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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.

■ **How to recharge the 12-volt battery**

Only perform a slow charge (4.2 A or less). The 12-volt battery may explode if charged at a quicker rate.

■ **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.

WARNING

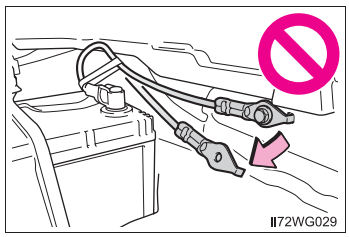
When replacing the 12-volt battery

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 dealer or repairer, or another duly qualified and equipped professional.

When disconnecting the 12-volt battery

Do not disconnect the negative (-) terminal on the body side as shown. 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.

Tires

Replace or rotate tires in accordance with maintenance schedules and treadwear.

Checking tires

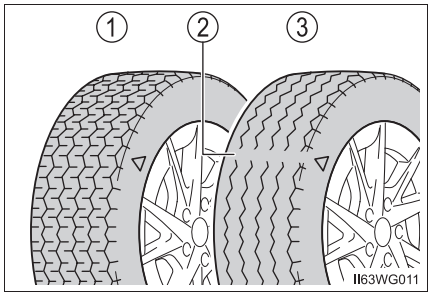
① New tread

② Treadwear indicator

③ Worn tread

The location of treadwear indicators is shown by the “TWI” or “Δ” marks, etc., molded on the sidewall of each tire.

Check spare tire condition and pressure if not rotated.

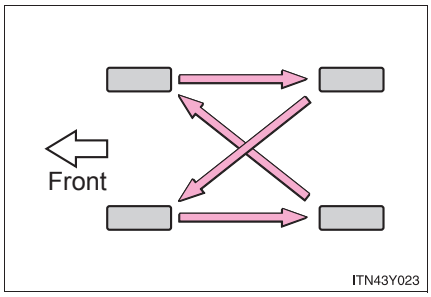


Tire rotation

Rotate the tires in the order shown.

To equalize tire wear and help extend tire life, Toyota recommends that tire rotation is carried out approximately every 10000 km (6000 miles).

Do not fail to initialize the tire pressure warning system after tire rotation.



Tire pressure warning system

Your vehicle is equipped with a tire pressure warning system that uses tire pressure warning valves and transmitters to detect low tire inflation pressure before serious problems arise.

If the tire pressure drops below a predetermined level, the driver is warned by a warning light. (→P. 381)

The compact spare tire is not equipped with a tire pressure warning valve and transmitter.

◆ 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. Have tire pressure warning valve and transmitter ID codes registered by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. (→P. 333)

◆ Initializing the tire pressure warning system

■ **The tire pressure warning system must be initialized in the following circumstances:**

- When rotating front and rear tires which have different tire inflation pressures
- When changing the tire size

When the tire pressure warning system is initialized, the current tire inflation pressure is set as the benchmark pressure.

How to initialize the tire pressure warning system

1 Park the vehicle in a safe place and turn the power switch off.

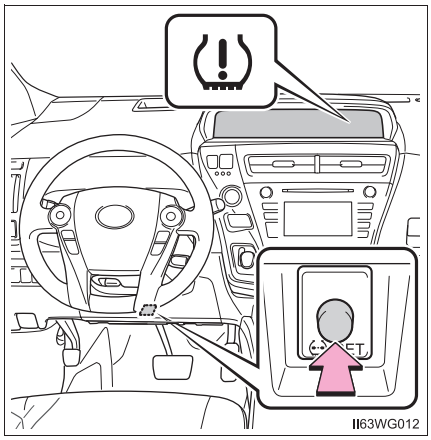
Initialization cannot be performed while the vehicle is moving.

2 Adjust the tire inflation pressure to the specified cold tire inflation pressure level. (→P. 461)

Make sure to adjust the tire pressure to the specified cold tire inflation pressure level. The tire pressure warning system will operate based on this pressure level.

3 Turn the power switch to ON mode.

4 Press and hold the tire pressure warning reset switch until the tire pressure warning light blinks slowly 3 times.



5 Wait for a few minutes with the power switch in ON mode and then turn the power switch off.

Registering ID codes

The tire pressure warning valve and transmitter is equipped with a unique ID code. When replacing a tire pressure warning valve and transmitter, it is necessary to register the ID code. Have the ID code registered by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **When to replace your vehicle's tires**

Tires should be replaced if:

- 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 dealer or repairer, or another duly qualified and equipped professional.

■ **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.

■ **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.

■ **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.

■ **If the tread on snow tires wears down below 4 mm (0.16 in.)**

The effectiveness of the tires as snow tires is lost.

■ **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.
- When a replacement tire is used, the system may not operate correctly due to the structure of the replacement 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 wheel without the tire pressure warning valve and transmitter is 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.

■ **The initialization operation**

- Make sure to carry out initialization after adjusting the tire inflation pressure. Also, make sure the tires are cold before carrying out initialization or tire inflation pressure adjustment.
- If you have accidentally turned the power switch off during initialization, it is not necessary to press the reset switch again as initialization will restart automatically when the power switch has been turned to ON mode for the next time.
- If you accidentally press the reset switch when initialization is not necessary, adjust the tire inflation pressure to the specified level when the tires are cold, and conduct initialization again.

■ **Warning performance of the tire pressure warning system**

The warning of the tire pressure warning system will change in accordance with the conditions under which it was initialized. For this reason, the system may give a warning even if the tire pressure does not reach a low enough level, or if the pressure is higher than the pressure that was adjusted to when the system was initialized.

■ **When initialization of the tire pressure warning system has failed**

Initialization can be completed in a few minutes. However, in the following cases, the settings have not been recorded and the system will not operate properly. If repeated attempts to record tire inflation pressure settings are unsuccessful, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

- When operating the tire pressure warning reset switch, the tire pressure warning light does not blink 3 times.
- After carrying out the initialization procedure, the tire pressure warning light blinks for 1 minute then stays on after driving for 20 minutes.

■ **Registering ID codes**

The ID codes of the tire pressure warning valve and transmitters for two sets of wheels can be registered.
It is not necessary to register the ID codes when replacing normal tires with snow tires, if the ID codes for the wheels of both normal tires and snow tires are registered beforehand.
For information about changing ID codes, ask any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Certification for the tire pressure warning system

CE The latest "DECLARATION of CONFORMITY" (DoC) is available at the following address:
http://www.globaldenso.com/en/products/oem/index.html

Hereby, DENSO CORPORATION declares that this 13BDX is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
DENSO CORPORATION vakuuttaa täten että 13BDX tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart DENSO CORPORATION dat het toestel 13BDX in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Par la présente DENSO CORPORATION déclare que l'appareil 13BDX est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar DENSO CORPORATION att denna 13BDX står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Undertegnede DENSO CORPORATION erklærer herved, at følgende udstyr 13BDX overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt DENSO CORPORATION, dass sich das Gerät 13BDX in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ DENSO CORPORATION ΔΗΛΩΝΕΙ ΟΤΙ 13BDX ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente DENSO CORPORATION dichiara che questo 13BDX è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Por medio de la presente DENSO CORPORATION declara que el 13BDX cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
DENSO CORPORATION declara que este 13BDX está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, DENSO CORPORATION, jiddikjara li dan 13BDX jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab DENSO CORPORATION seadme 13BDX vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

Alulírott, DENSO CORPORATION nyilatkozom, hogy a 13BDX megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
DENSO CORPORATION týmto vyhlasuje, že 13BDX spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
DENSO CORPORATION tímto prohlašuje, že tento 13BDX je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
DENSO CORPORATION izjavlja, da je ta 13BDX v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo DENSO CORPORATION deklaruoja, kad šis 13BDX atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo DENSO CORPORATION deklarē, ka 13BDX atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym DENSO CORPORATION oświadcza, że 13BDX jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir DENSO CORPORATION yfir því að 13BDX er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
DENSO CORPORATION erklærer herved at utstyret 13BDX er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, DENSO CORPORATION, декларира, че 13BDX е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/EC.
Prin prezenta, DENSO CORPORATION, declară că aparatul 13BDX este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, DENSO CORPORATION, izjavljuje da ovaj 13BDX je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Ovim, DENSO CORPORATION, deklariše da je 13BDX u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.
Ovim DENSO CORPORATION, izjavljuje da je 13BDX u sklau s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).
Nepermjet kesaj, DENSO CORPORATION, deklaroj qe ky 13BDX eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.

The latest "DECLARATION of CONFORMITY "(DoC) is available at the following:DoC address :
http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

CE 0891

Hereby, PACIFIC INDUSTRIAL CO.,LTD., declares that this PMV-C210 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
PACIFIC INDUSTRIAL CO.,LTD. vakuuttaa täten että PMV-C210 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart PACIFIC INDUSTRIAL CO.,LTD. dat het toestel PMV-C210 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Par la présente PACIFIC INDUSTRIAL CO.,LTD. déclare que l'appareil PMV-C210 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar PACIFIC INDUSTRIAL CO.,LTD. att denna PMV-C210 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framg år av direktiv 1999/5/EG
Undertegnede PACIFIC INDUSTRIAL CO.,LTD. erklærer herved, at følgende udstyr PMV-C210 overholder de væ sentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt PACIFIC INDUSTRIAL CO.,LTD., dass sich das Gerät PMV-C210 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigeneinschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ PACIFIC INDUSTRIAL CO.,LTD. ΔΗΛΩ ΝΕΙ ΟΤΙ PMV-C210 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ Τ Ι Σ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ Τ Ι Σ ΛΟ ΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙ ΑΣ 1999/5/ΕΚ.
Con la presente PACIFIC INDUSTRIAL CO.,LTD. dichiara che questo PMV-C210 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Por medio de la presente PACIFIC INDUSTRIAL CO.,LTD. declara que el PMV-C210 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
PACIFIC INDUSTRIAL CO.,LTD. declara que este PMV-C210 está conforme com os requisitos essenciais e outras disposiç ões da Directiva 1999/5/CE.
Hawnhekk, PACIFIC INDUSTRIAL CO.,LTD., jiddikjara li dan PMV-C210 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab PACIFIC INDUSTRIAL CO.,LTD. seadme PMV-C210 vastavust direktiivi 1999/5/EÜ põhinõ uetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

Alulírott, PACIFIC INDUSTRIAL CO.,LTD. nyilatkozom, hogy a PMV-C210 megfelel a vonatkozó alapvetõ követelmé nyeknek és az 1999/5/EC irányelv egyéb elõírásainak.
PACIFIC INDUSTRIAL CO.,LTD. týmto vyhlasuje, že PMV-C210 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
PACIFIC INDUSTRIAL CO.,LTD. tímto prohlašuje, že tento PMV-C210 je ve shodě se základními požadavky a dalšími př íslušnými ustanoveními směrnice 1999/5/ES.
PACIFIC INDUSTRIAL CO.,LTD. izjavlja, da je ta PMV-C210 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določ ili direktive 1999/5/ES.
Šiuo PACIFIC INDUSTRIAL CO.,LTD. deklaruoja, kad šis PMV-C210 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo PACIFIC INDUSTRIAL CO.,LTD. deklarē, ka PMV-C210 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym PACIFIC INDUSTRIAL CO.,LTD. oświadcza, że PMV-C210 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir PACIFIC INDUSTRIAL CO.,LTD. yfir því að PMV-C210 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
PACIFIC INDUSTRIAL CO.,LTD. erklærer herved at utstyret PMV-C210 er i samsvar med de grunnleggende krav og ø vrige relevante krav i direktiv 1999/5/EF.
С настоящето, PACIFIC INDUSTRIAL CO.,LTD., декларира, че PMV-C210 е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.
Prin prezenta, PACIFIC INDUSTRIAL CO.,LTD., declară că aparatul PMV-C210 este in conformitate cu cerinţele esenţ iale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim , PACIFIC INDUSTRIAL CO.,LTD., izjavljuje da ovaj PMV-C210 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Ovim, PACIFIC INDUSTRIAL CO.,LTD., deklariše da je PMV-C210 u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.
Ovim PACIFIC INDUSTRIAL CO.,LTD., izjavljuje da je PMV-C210 u sklau s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Me anë të kësaj, PACIFIC INDUSTRIAL CO, LTD., Deklaron se ky PMV-C210 është në përputhje me kërkesat themelore dhe dispozitat e tjera përkatëse të direktivës 1999/5/EC.

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.
- Vehicles with an emergency tire puncture repair kit: Do not tow anything if a tire that has been repaired using the emergency tire puncture repair kit is installed. The load on the tire may cause unexpected damage to the tire.

When initializing the tire pressure warning system

Do not operate the tire pressure warning reset switch without first adjusting the tire inflation pressure to the specified level. Otherwise, the tire pressure warning light may not come on even if the tire inflation pressure is low, or it may come on when the tire inflation pressure is actually normal.

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 dealer or repairer, or another duly qualified and equipped professional 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.

■ **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 dealer or repairer, or another duly qualified and equipped professional 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. 332)

■ **Driving on rough roads**

Take particular care when driving on roads with loose surfaces or potholes. These conditions may cause losses in tire inflation pressure, reducing the cushioning ability of the tires. In addition, driving on rough roads may cause damage to the tires themselves, as well as the vehicle's wheels and body.

■ **If tire inflation pressure of each tire becomes low while driving**

Do not continue driving, or your tires and/or wheels may be ruined.

Tire 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. 461)

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 dealer or repairer, or another duly qualified and equipped professional.

Instructions for checking tire inflation pressure

When checking tire inflation pressure, observe the following:

- Check only when the tires are cold.
  If your vehicle has been parked for at least 3 hours or has not been driven for more than 1.5 km or 1 mile, you will get an accurate cold tire inflation pressure reading.
- Always use a tire pressure gauge.
  It is difficult to judge if a tire is properly inflated based only on its appearance.
- It is normal for the tire inflation pressure to be higher after driving as heat is generated in the tire. Do not reduce tire inflation pressure after driving.
- Passengers and luggage weight should be placed so that the vehicle is balanced.

WARNING

■ **Proper inflation is critical to save tire performance**

Keep your tires properly inflated.
If the tires are not properly inflated, the following conditions may occur which could lead to an accident resulting in death or serious injury:

- Excessive wear
- Uneven wear
- Poor handling
- Possibility of blowouts resulting from overheated tires
- Air leaking from between tire and wheel
- Wheel deformation and/or tire damage
- Greater possibility of tire damage while driving (due to road hazards, expansion joints, sharp edges in the road, etc.)

NOTICE

■ **When inspecting and adjusting tire inflation pressure**

Be sure to put the tire valve caps back on.
If a valve cap is not installed, dirt or moisture may get into the valve and cause an air leak, resulting in decreased tire inflation pressure.

Wheels

If a wheel is bent, cracked or heavily corroded, it should be replaced. Otherwise, the tire may separate from the wheel or cause a loss of handling control.

Wheel selection

When replacing wheels, care should be taken to ensure that they are equivalent to those removed in load capacity, diameter, rim width and inset*.

Replacement wheels are available at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

*: 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

Aluminum wheel precautions

- Use only Toyota wheel nuts and wrenches designed for use with your aluminum wheels.
- When rotating, repairing or changing your tires, check that the wheel nuts are still tight after driving 1600 km (1000 miles).
- Be careful not to damage the aluminum wheels when using tire chains.
- Use only Toyota genuine balance weights or equivalent and a plastic or rubber hammer when balancing your wheels.

When replacing wheels

The wheels of your vehicle are equipped with tire pressure warning valves and transmitters that allow the tire pressure warning system to provide advance warning in the event of a loss in tire inflation pressure. Whenever wheels are replaced, tire pressure warning valves and transmitters must be installed. (→P. 332)

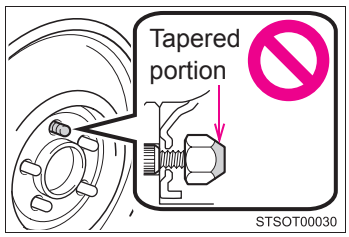
WARNING

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. 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 dealer or repairer, or another duly qualified and equipped professional or other qualified service shop. In addition, make sure to purchase your tire pressure warning valves and transmitters at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- 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.

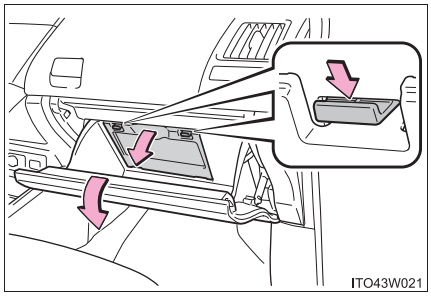
Air conditioning filter

The air conditioning filter must be changed regularly to maintain air conditioning efficiency.

Removal method

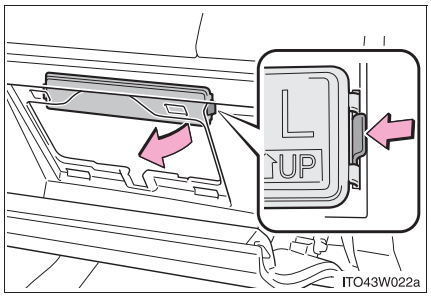
1 Turn the power switch off.

2 Open the lower glove box and remove the filter exchange cover.

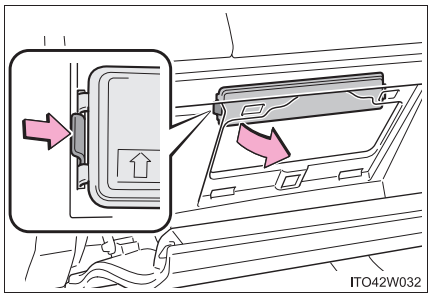


3 Remove the filter cover.

▶ Left-hand drive vehicles

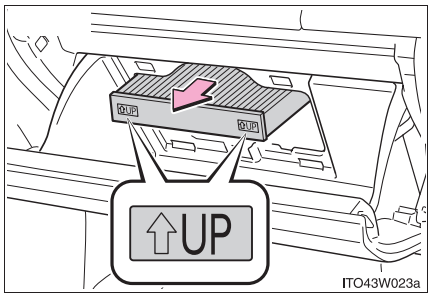


▶ Right-hand drive vehicles



4 Slide and pull out the filter. Replace it with a new one.

The "↑UP" marks shown on the filter should be pointing up.



5 When installing, reverse the steps listed.

■ Checking interval

Inspect and replace the air conditioning filter according to the maintenance schedule. In dusty areas or areas with heavy traffic flow, early replacement may be required. (For scheduled maintenance information, please refer to the "Toyota Service Booklet" or "Toyota Warranty Booklet".)

■ If air flow from the vents decreases dramatically

The filter may be clogged. Check the filter and replace if necessary.

⚠ NOTICE

■ To prevent damage to the system

When using the air conditioning system, make sure that a filter is always installed.

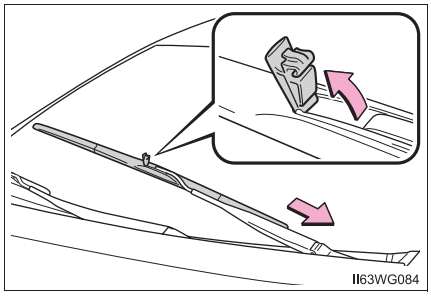
Wiper rubber replacement

Replacing procedure

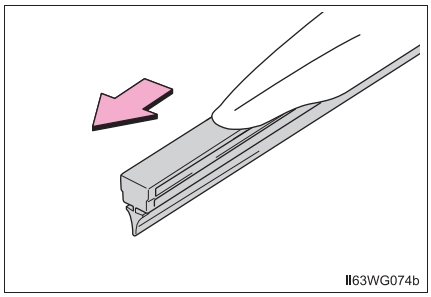
Front

1 Remove the stopper, lift the wiper arm slightly upward, and then slide the wiper blade to remove it.

Slowly lower the wiper arm until it contacts the windshield.

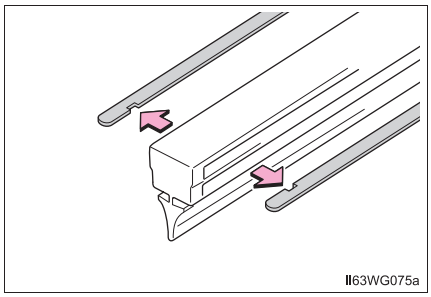


2 Slide off the wiper rubber.



3 Install the 2 metal plates from the removed wiper rubber to the replacement wiper rubber.

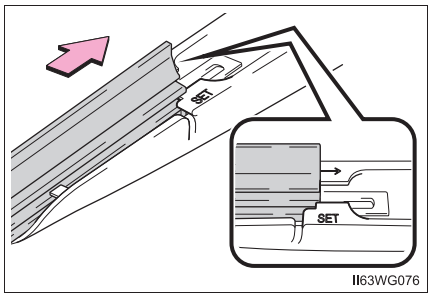
Install the metal plates so that the cutouts are facing inward.



4 When installing, insert the wiper rubber in the direction opposite that used during the removal procedure until the wiper rubber becomes locked and stops moving.

Check the direction the wiper rubber is facing before installing.

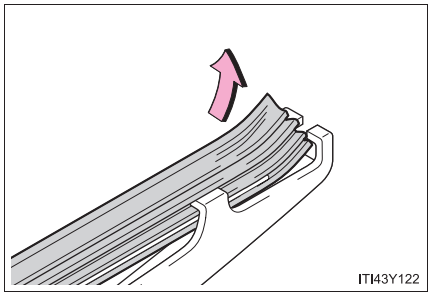
After installing the wiper rubber, install the wiper blade to the wiper arm and secure the stopper.



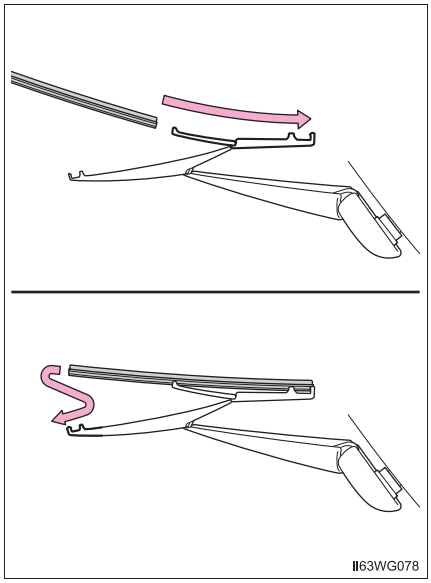
Rear

1 With the wiper extended, remove the wiper rubber.

Install the 2 metal plates from the removed wiper rubber to the replacement wiper rubber so that the cutouts are facing inward.



2 When installing, insert the wiper rubber as shown in the illustration.



Electronic key battery

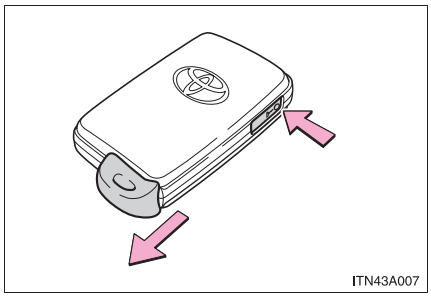
Replace the battery with a new one if it is depleted.

You will need the following items:

- Flathead screwdriver
- Lithium battery CR1632

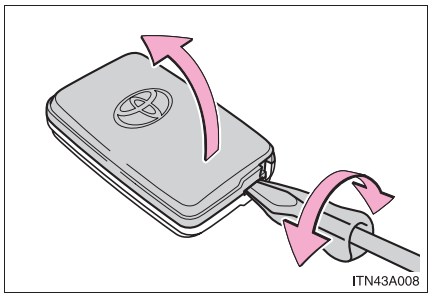
Replacing the battery

1 Take out the mechanical key.



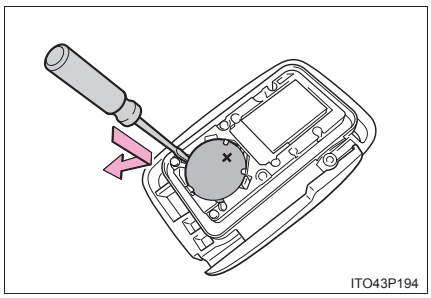
2 Remove the cover.

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



3 Remove the depleted battery.

Insert a new battery with the “+” terminal facing up.



4 When installing, reverse the steps listed.

■ **Use a CR1632 lithium battery**

- Batteries can be purchased at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, local electrical appliance shops or camera stores.
- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to the local laws.

■ **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.

WARNING

■ **Removed battery and other parts**

These parts are small and if swallowed by a child, they can cause choking. Keep away from children. Failure to do so could result in death or serious injury.

■ **Certification for the smart entry & start system**

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

NOTICE

■ **For normal operation after replacing the battery**

Observe the following precautions to prevent accidents:

- Always work with dry hands.
  Moisture may cause the battery to rust.
- Do not touch or move any other component inside the remote control.
- Do not bend either of the battery terminals.

Checking and replacing fuses

If any of the electrical components do not operate, a fuse may have blown. If this happens, check and replace the fuses as necessary.

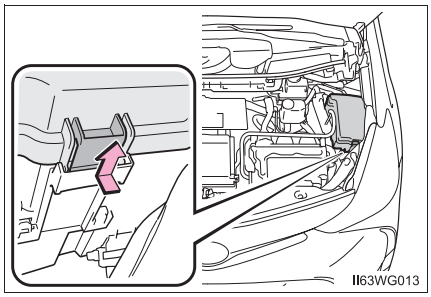
1 Turn the power switch off.

2 Open the fuse box cover.

▶ Engine compartment

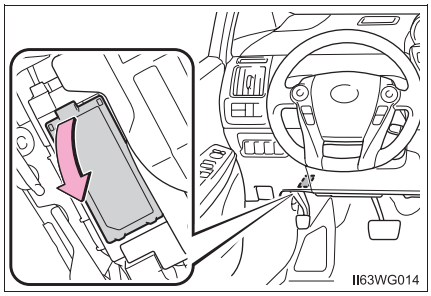
Push the tab in and lift the lid off.

When closing, first hook the lid onto the two rear tabs.



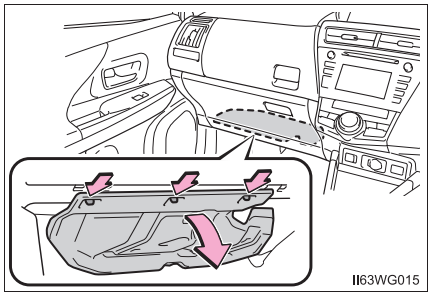
▶ Left side instrument panel (left-hand drive vehicles)

Remove the lid.

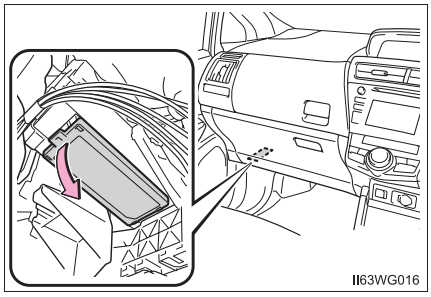


▶ Left side instrument panel (right-hand drive vehicles)

Remove the cover.

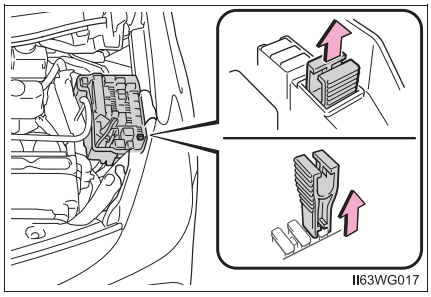


Remove the lid.



3 Remove the fuse.

Only type A fuse can be removed using the pullout tool.



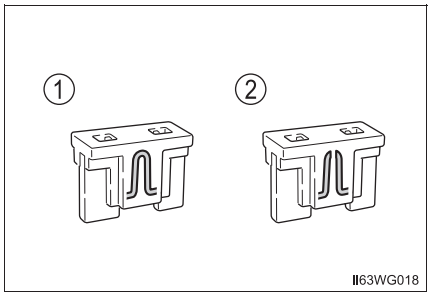
4 Check if the fuse is blown.

① Normal fuse

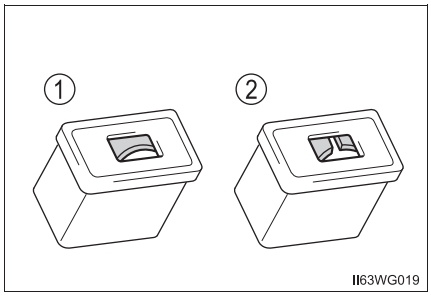
② Blown fuse

Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

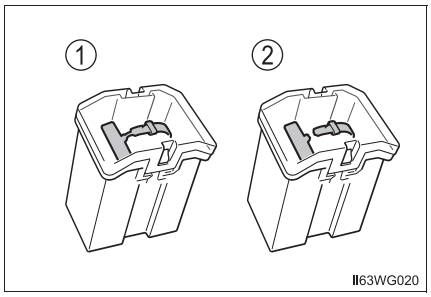
▶ Type A



▶ Type B



▶ Type C



■ **After a fuse is replaced**

- If the lights do not turn on even after the fuse has been replaced, a bulb may need replacement. (→P. 357)
- If the replaced fuse blows again, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **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 genuine 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.

■ **Fuse box near the power control unit**

Never check or replace the fuses as there are high voltage parts and wiring near the fuse box.
Doing so may cause electric shock, resulting in death or serious injury.

⚠ NOTICE

■ **Before replacing fuses**

Have the cause of electrical overload determined and repaired by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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 dealer or repairer, or another duly qualified and equipped professional.

Preparing for light bulb replacement

Check the wattage of the light bulb to be replaced. (→P. 462)

Removing the engine compartment cover

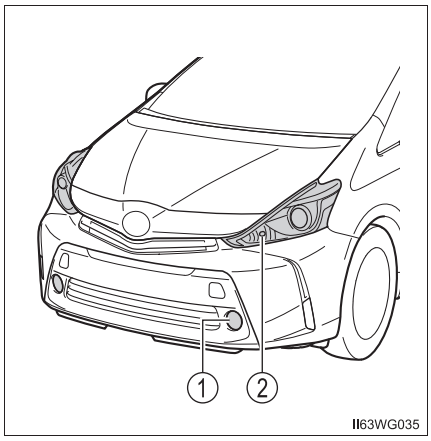
→P. 318

Bulb locations

■ Front

① Front fog light

② Front turn signal light



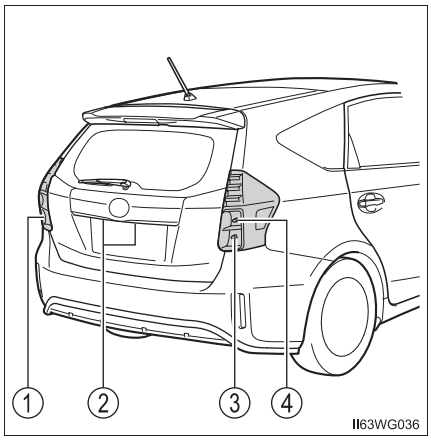
■ **Rear**

① Rear fog light (left-hand drive vehicles) or back-up light

② License plate lights

③ Rear fog light (right-hand drive vehicles) or back-up light

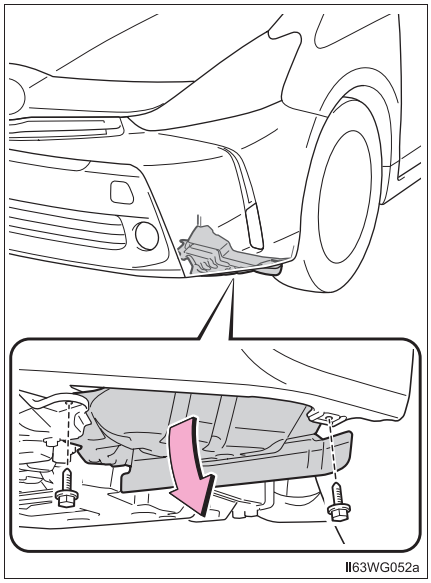
④ Rear turn signal light



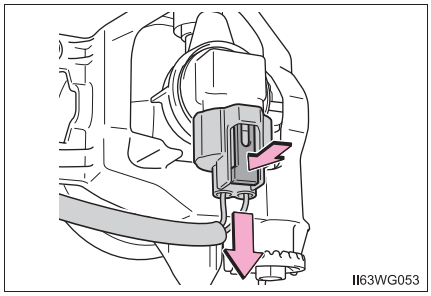
Replacing light bulbs

■ Front fog lights

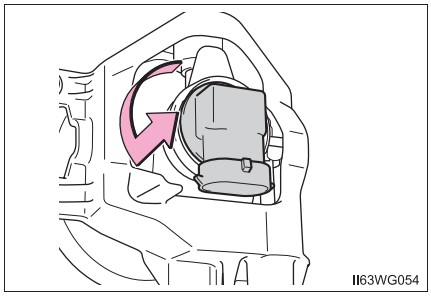
1 Remove the fender liner bolts and pull down the fender liner.



2 Unplug the connector while pressing the lock release.

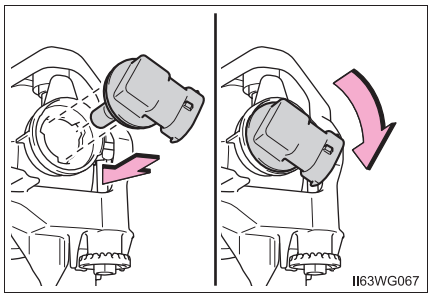


3 Turn the bulb base counter-clockwise.



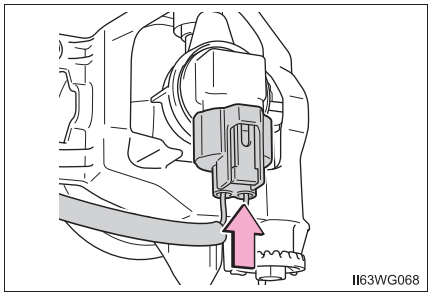
4 Set the new light bulb.

Align the 3 tabs on the light bulb with the mounting, and insert. Turn it clockwise to set.

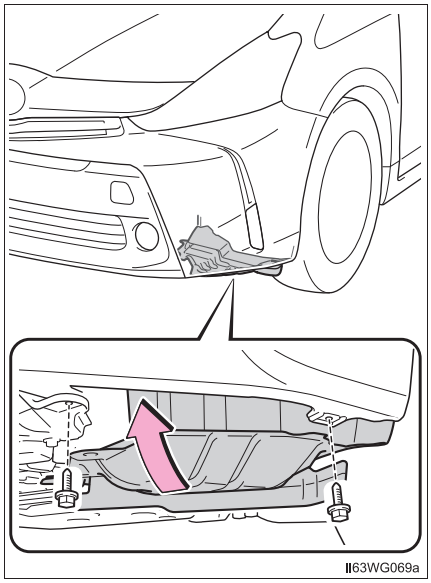


5 Set the connector.

After installing the connector, shake the bulb base gently to check that it is not loose, turn the fog lights on once and visually confirm that no light is leaking through the mounting.

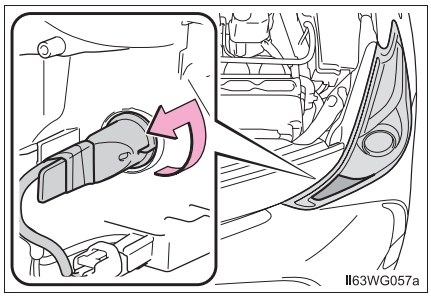


6 Reinstall the fender liner bolts.

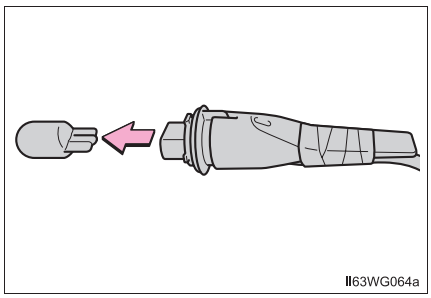


■ Front turn signal lights

1 Turn the bulb base counter-clockwise.



2 Remove the light bulb.

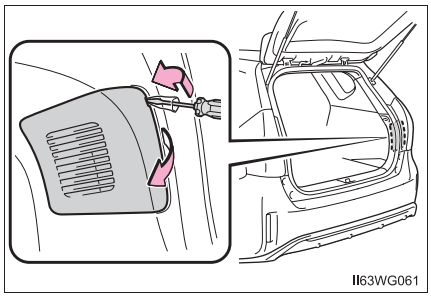


3 When installing, reverse the steps listed.

■ Rear turn signal lights and back-up/rear fog light

1 Open the back door and remove the cover.

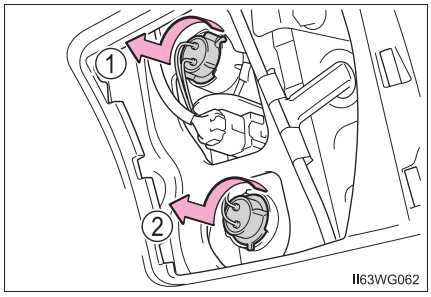
To prevent damage, cover the tip of the screwdriver with a rag.



2 Turn the bulb base counter-clockwise.

① Rear turn signal light

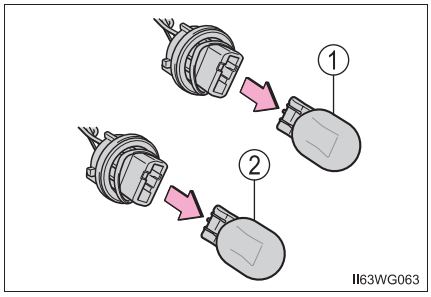
② Back-up/rear fog light



3 Remove the light bulb.

① Rear turn signal light

② Back-up/rear fog light

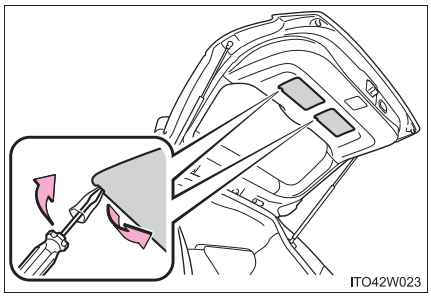


4 When installing, reverse the steps listed.

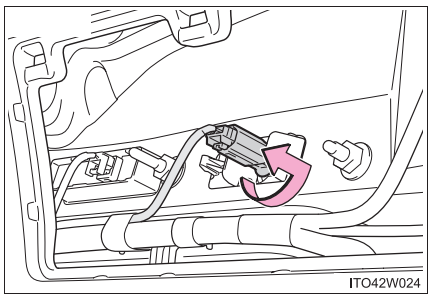
License plate lights

1 Open the back door and remove the cover.

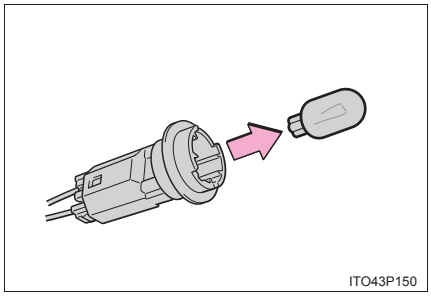
To prevent damage, cover the tip of the screwdriver with a rag.



2 Turn the bulb base counter-clockwise.



3 Remove the light bulb.



4 When installing, reverse the steps listed.

■ **Replacing the following bulbs**

If any of the lights listed below has burnt out, have it replaced by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

- Headlights
- Daytime running lights
- Front position lights
- Side turn signal lights
- Stop/tail lights
- High mounted stoplight

■ **LED lights**

The headlights, daytime running lights, front position lights, stop/tail lights and high mounted stoplight consist of a number of LEDs. If any of the LEDs burn out, take your vehicle to any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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 dealer or repairer, or another duly qualified and equipped professional 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. 356

WARNING

■ **Replacing light bulbs**

- Be sure to stop the hybrid system and 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.
- 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 headlight unit. This may damage the headlights or cause condensation to build up on the lens.
- Do not attempt to repair or disassemble light bulbs, connectors, electric circuits or component parts.
  Doing so may result in death or serious injury due to electric shock.

■ **To prevent damage or fire**

- Make sure bulbs are fully seated and locked.
- Check the wattage of the bulb before installing to prevent heat damage.

7-1. Essential information

Emergency flashers 368

If your vehicle has to be stopped in an emergency 369

7-2. Steps to take in an emergency

If your vehicle needs to be towed 370

If you think something is wrong 375

If a warning light turns on or a warning buzzer sounds 376

If a warning message is displayed 388

If you have a flat tire (vehicles with a spare tire) 404

If you have a flat tire (vehicles without a spare tire) 418

If the hybrid system will not start 435

If the electronic key does not operate properly 437

If the 12-volt battery is discharged 439

If your vehicle overheats 444

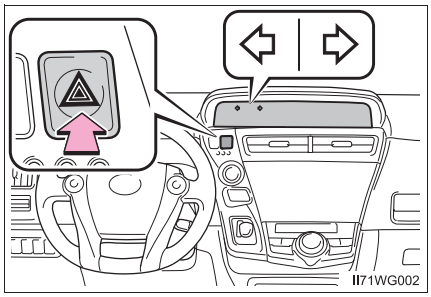
If the vehicle becomes stuck 449

Emergency flashers

The emergency flashers are used to warn other drivers when the vehicle has to be stopped in the road due to a breakdown, etc.

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 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:

1 Steadily step on the brake pedal with both feet and firmly depress it.

Do not pump the brake pedal repeatedly as this will increase the effort required to slow the vehicle.

2 Shift the shift position to N.

▶ If the shift position is shifted to N

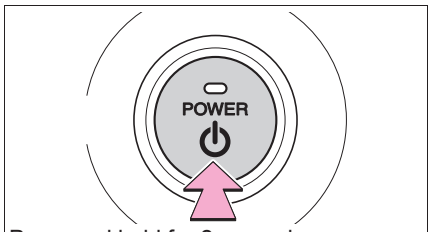
3 After slowing down, stop the vehicle in a safe place by the road.

4 Stop the hybrid system.

▶ If the shift position cannot be shifted to N

3 Keep depressing the brake pedal with both feet to reduce vehicle speed as much as possible.

4 To stop the hybrid system, press and hold the power switch for 2 consecutive seconds or more, or press it briefly 3 times or more in succession.



Press and hold for 2 seconds or more, or press briefly 3 times or more CTN52AF208

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 your vehicle needs to be towed

If towing is necessary, we recommend having your vehicle towed by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional or commercial towing service, using a lift-type truck or flat bed truck.
Use a safety chain system for all towing, and abide by all state/provincial and local laws.

Situations when it is not possible to be towed by another vehicle

In the following situations, it is not possible to be towed by another vehicle using cables or chains, as the front wheels may be locked due to the parking lock. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional or commercial towing service.

- There is a malfunction in the shift control system. (→P. 378, 390)
- There is a malfunction in the immobilizer system. (→P. 91)
- There is a malfunction in the smart entry & start system. (→P. 437)
- The 12-volt battery is discharged. (→P. 439)

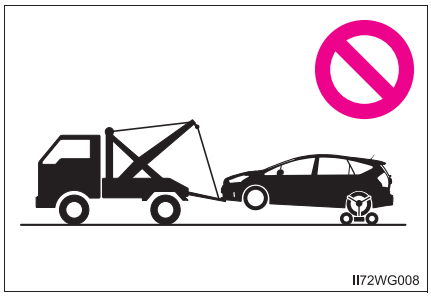
Situations when it is necessary to contact dealers before towing

The following may indicate a problem with your hybrid transmission. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional or commercial towing service before towing.

- The hybrid system warning light turns on or the hybrid system warning message is displayed on the multi-information display and the vehicle does not move.
- The vehicle makes an abnormal sound.

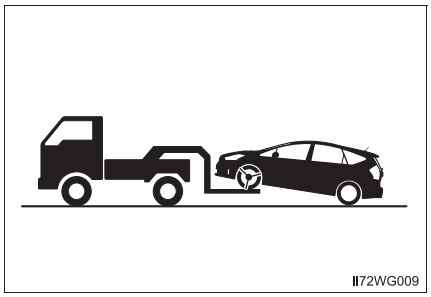
Towing with a sling-type truck

Do not tow with a sling-type truck to prevent body damage.



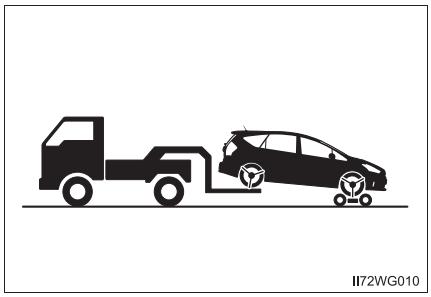
Towing with a wheel-lift type truck

▶ From the front



Release the parking brake.

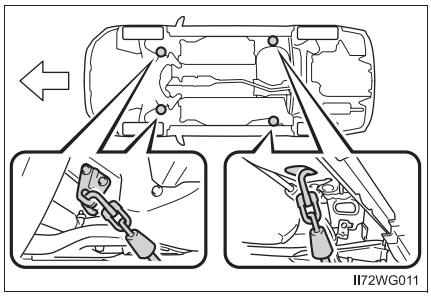
▶ From the rear



Use a towing dolly under the front wheels.

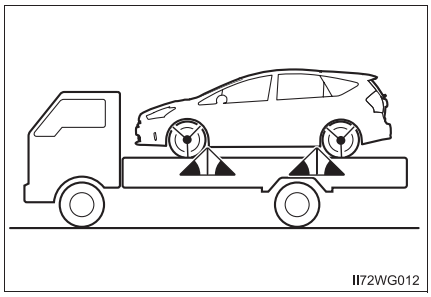
Using a flat bed truck

If your Toyota is transported by a flat bed truck, it should be tied down at the locations shown in the illustration.



If you use cables or chains to tie down your vehicle, the angles shaded in black must be 45°.

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 a cable or chain secured to the emergency towing eyelet. This should only be attempted on hard surfaced roads for short distances at low speeds.

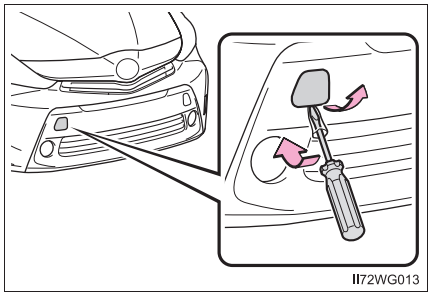
A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

Emergency towing procedure

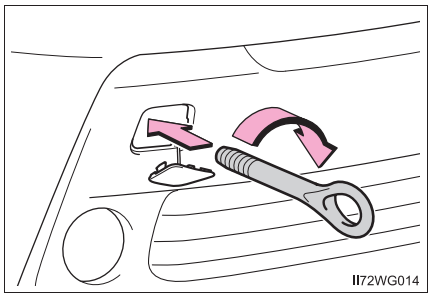
1 Take out the towing eyelet. (→P. 405, 419)

2 Remove the eyelet cover using a flathead screwdriver.

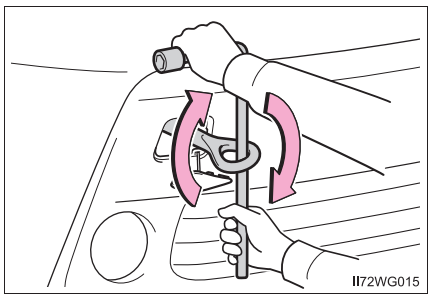
To prevent damage, cover the tip of the screwdriver with a rag.



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 a cable or chain 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 mode.

7 Shift the shift position to N and release the parking brake.

■ **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**

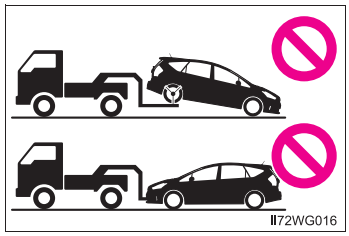
Wheel nut wrench is installed in luggage compartment. (→P. 405, 419)

⚠ 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 eyelet, cables or chains. The towing eyelet, cables or chains may become damaged, broken debris may hit people and cause serious damage.
- Do not turn the power switch off.
  This may lead to an accident as the front wheels will be locked by the parking lock.

■ **Installing towing eyelet to the vehicle**

Make sure that towing eyelet is installed securely.
If not securely installed, towing eyelet may come loose during towing.

⚠ NOTICE

■ **To prevent damage to the vehicle when towing using a wheel-lift type truck**

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 body damage when towing with a sling-type truck**

Do not tow with a sling-type truck, either from the front or rear.

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 dealer or repairer, or another duly qualified and equipped professional 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
- High coolant temperature warning light flashes or comes on

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 dealer or repairer, or another duly qualified and equipped professional.

Warning light and warning buzzer list

Warning light	Warning light/Details/Actions
	**Brake system warning light and warning buzzer (red indicator)*1** 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 dealer or repairer, or another duly qualified and equipped professional. Continuing to drive the vehicle may be dangerous.** This light also comes on when the parking brake is not released. If the light turns off after the parking brake is fully released, the system is operating normally.
	**Brake system warning light (yellow indicator)** Indicates a malfunction in: • The regenerative braking system; or • The electronically controlled brake system → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
	**Charging system warning light** Indicates a malfunction in the vehicle's charging system → **Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**

Warning light	Warning light/Details/Actions
 (If equipped)	**Low engine oil pressure warning light** Indicates that the engine oil pressure is too low → **Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**
 (If equipped)	**Hybrid system warning light (warning buzzer)** Indicates a malfunction in the hybrid system → **Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**
	**Malfunction indicator lamp** Indicates a malfunction in: • The hybrid system; • The electronic engine control system; or • The electronic throttle control system → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
	**SRS warning light** Indicates a malfunction in: • The SRS airbag system; or • The seat belt pretensioner system → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
	**ABS warning light** Indicates a malfunction in: • The ABS; or • The brake assist system → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
	**Electric power steering system warning light (warning buzzer)** Indicates a malfunction in the EPS system → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**

Warning light	Warning light/Details/Actions
 (Flashes) (If equipped)	**PCS warning light** Indicates a malfunction in the pre-crash safety system → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.** The warning light will operate as follows, even when the system is not malfunctioning: • The light will come on when the pre-crash safety system is turned off. (→P. 255) • The light will flash when the system cannot temporarily be used.
	**Slip indicator light** 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 dealer or repairer, or another duly qualified and equipped professional immediately.** The light will flash when the above systems and/or ABS are operating.
 (If equipped)	**Parking lock system warning light (warning buzzer)** Indicates a malfunction in the shift control system • In this situation, there is a possibility that the parking lock mechanism will not work. When parking, park the vehicle on a flat surface and apply the parking brake securely. • The power switch may not be turned off. If this happens, applying the parking brake will enable the switch to be turned off. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**

Warning light	Warning light/Details/Actions
WHEN PARKING, APPLY PARKING BRAKE SECURELY (If equipped)	**Parking lock system warning message (warning buzzer)** Indicates a malfunction in the shift control system when the vehicle is stopped • In this situation, there is a possibility that the parking lock mechanism will not work. When parking, park the vehicle on a flat surface and apply the parking brake securely. • The power switch may not be turned off. If this happens, applying the parking brake will enable the switch to be turned off. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
 (If equipped)	**Hybrid battery indicator light** The hybrid battery (traction battery) will soon need to be inspected or replaced Have the hybrid battery (traction battery) inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.*2 → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
 (If equipped)	**LED headlight warning light** Indicates a malfunction in the LED headlights The LED headlights will not normally illuminate when there is a malfunction, however they may be able to illuminate depending on the nature of the problem. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
 (Flashes) (If equipped)	**P position request indicator light (warning buzzer)** The amount of charge remaining in the hybrid battery (traction battery) has fallen because the shift position has been left in N for a long time → **Because recharging is not possible when the shift position is in N, shift the shift position to P when parking the vehicle for a long time.** • The driver's door has been opened while the shift position is in N, D or B • An attempt has been made to start the hybrid system while the shift position is in anything other than P → **Shift the shift position to P.**

Warning light	Warning light/Details/Actions
 (If equipped)	**Hybrid system overheat warning light (warning buzzer)** The hybrid system has overheated This light may come on when driving under severe operating conditions, and the output of the hybrid system may temporarily decrease in order to protect the system. (For example, when driving up a long steep hill or driving up a steep hill in reverse.) → **Stop and check. (→P. 444)**
 (If equipped)	**Cruise control indicator (yellow indicator)** Indicates a malfunction in the cruise control → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
 (Only outer frame flashes) (If equipped)	**Low hybrid battery (traction battery) warning light (warning buzzer)** Hybrid battery (traction battery) level becomes low because the shift position is in N for long time → **Because recharging is not possible when the shift position is in N, shift the shift position to P when parking the vehicle for a long time.**
	**High coolant temperature warning light** Changes from a flashing to a solid light when the engine coolant temperature increases → **Immediately stop the vehicle in a safe place. (→P. 444)**
	**Automatic headlight leveling system warning light** Indicates a malfunction in the automatic headlight leveling system → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
	**Open door warning light (warning buzzer)*3** Indicates that a door is not fully closed → **Check that all the doors are closed.**
	**Low fuel level warning light** Indicates that remaining fuel is approximately 6.0 L (1.6 gal., 1.3 Imp.gal.) or less → **Refuel the vehicle.**

Warning light	Warning light/Details/Actions
	**Driver's and front passenger's seat belt reminder light (warning buzzer)*4** 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.**
	**Rear passengers' seat belt reminder lights (warning buzzer)*4** Warns the rear passengers to fasten their seat belts → **Fasten the seat belt.**
 (If equipped)	**Master warning light** A buzzer sounds and the warning light comes on and flashes to indicate that the master warning system has detected a malfunction. → **P. 388**
	**Tire pressure warning light** When the light comes on: Low tire inflation pressure such as • Natural causes (→P. 383) • Flat tire (→P. 404, 418) → **Adjust the tire inflation pressure to the specified level.** **The light will turn off after a few minutes. In case the light does not turn off even if the tire inflation pressure is adjusted, have the system checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.** When the light comes on after blinking for 1 minute: Malfunction in the tire pressure warning system (→P. 384) → **Have the system checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**

*1: Brake system warning buzzer:
When there is a possible problem that could affect braking performance, the warning light will come on and a warning buzzer will sound.

Parking brake engaged warning buzzer:

A buzzer will sound if the vehicle is driven at a speed of approximately 5 km/h (3 mph) or more.

*2: If you continue to use the vehicle in this state, the light starts blinking with buzzer sounds, and you will soon become unable to start the hybrid system.

*3: Open door warning buzzer:

The open door warning buzzer sounds to alert one or more of the doors is not fully closed (with the vehicle having reached a speed of 5 km/h [3 mph]).

*4: Seat belt buzzer:

The seat belt buzzer sounds to alert the driver, front passenger and rear passengers that his or her seat belt is not fastened. The buzzer sounds for 30 seconds after the vehicle reaches a speed of 20 km/h (12 mph). Then, if the seat belt is still unfastened, the buzzer will sound in a different tone for 90 more seconds.

Other warning light

Carrying out the corresponding action turns the warning light off.

Warning light	Warning light/Details/Actions
 (If equipped)	**Go to service warning light** Indicates that maintenance of the hybrid battery (traction battery) cooling component is required The filter may be clogged, the air intake vent may be blocked or there may be a gap in the duct. → **Have maintenance performed on the hybrid battery (traction battery) cooling component at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**

■ **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.

■ **If the malfunction indicator lamp comes on while driving**

The malfunction indicator lamp will come on if the fuel tank becomes completely empty. If the fuel tank is empty, refuel the vehicle immediately. The malfunction indicator lamp will go off after several trips.

If the malfunction indicator lamp does not go off, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

■ **When the tire pressure warning light comes on**

Inspect the appearance of the tire to check that the tire is not punctured.

If the tire is punctured: →P. 404, 418

If the tire is not punctured:

Carry out the following procedure after the tire temperature has lowered sufficiently.

- Check the tire inflation pressure and adjust to the appropriate level.
- If the warning light does not go out even after several minutes, check that the tire inflation pressure is at the specified level and carry out initialization. (→P. 333)

The warning light may come on again if the above operations are conducted without first allowing the tire temperature to lower sufficiently.

■ **The tire pressure warning light may come on due to natural causes**

The tire pressure warning light may turn on due to natural causes such as natural air leaks or tire inflation pressure changes caused by temperature. In this case, adjusting the tire inflation pressure will turn off the warning light (after a few minutes).

■ **When a tire is replaced with a spare tire**

The compact spare tire is not equipped with a tire pressure warning valve and transmitter. If a tire goes flat, the tire pressure warning light will not turn off even though the flat tire has been replaced with the spare tire. Replace the spare tire with the repaired tire and adjust the tire inflation pressure. The tire pressure warning light will go off after a few minutes.

■ **Conditions that the tire pressure warning system may not function properly**

→P. 335

■ **If the tire pressure warning light frequently comes on after blinking for 1 minute**

If the tire pressure warning light frequently comes on after blinking for 1 minute when the power switch is turned to ON mode, have it checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Warning buzzer**

In some cases, the buzzer may not be heard due to being in a noisy location or audio sound.

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 dealer or repairer, or another duly qualified and equipped professional. 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

The steering wheel may become extremely heavy.
If the steering wheel becomes heavier than usual when operating, hold firmly and operate 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 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 dealer or repairer, or another duly qualified and equipped professional.
- Vehicles with an 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.

Follow the correction procedures. (vehicles without multi-information display)

After taking the specified steps to correct the suspected problem, check that the warning light turn off.

Interior buzzer	Exterior buzzer	Warning light	Details	Correction procedure
Once	—		The electronic key is not detected when an attempt is made to start the hybrid system.	Start the hybrid system with the electronic key present.
			The power switch has been pressed while the electronic key was not detected inside the vehicle.	Confirm the location of the electronic key. (→P. 151)
				If the warning light does not extinguish even though the electronic key is within operating range, touch the electronic key to the power switch while depressing the brake pedal (→P. 437) Transmission between the electronic key and the vehicle is being blocked, or the battery in the electronic key has been depleted.
Once	—		Driving has been started without the correct electronic key inside the vehicle.	Confirm the location of the electronic key.

Interior buzzer	Exterior buzzer	Warning light	Details	Correction procedure
Once	3 times		The electronic key was carried outside the vehicle and a door other than the driver's door was opened and closed while the power switch was in a mode other than off.	Bring the electronic key back into the vehicle.
			The electronic key was carried outside the vehicle and the driver's door was opened and closed while the shift position P was selected without turning off the power switch.	Turn the power switch off or bring the electronic key back into the vehicle.
—	Continuous		An attempt was made to exit the vehicle with the electronic key and lock the doors without first turning the power switch off.	Turn the power switch off and lock the doors again.
Continuous	Continuous		The electronic key was carried outside the vehicle and the driver's door was opened and closed while any shift position other than P was selected without turning off the power switch.	• Shift the shift position to P. • Bring the electronic key back into the vehicle.

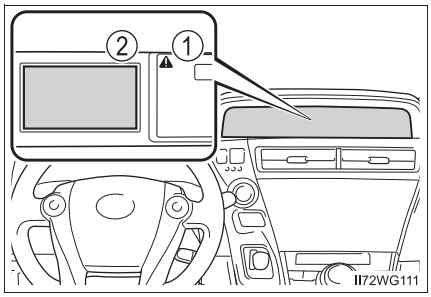
If a warning message is displayed*

If a warning is shown on the multi-information display, stay calm and perform the following actions:

① Master warning light

The master warning light also comes on or flashes in order to indicate that a message is currently being displayed on the multi-information display.

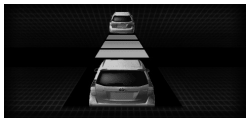
② Multi-information display

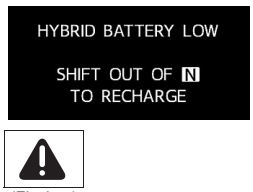


If any of the warning lights come on again after the following actions have been performed, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

*: If equipped

Warning message and warning buzzer list

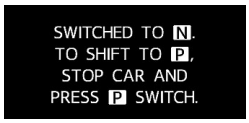
Warning message	Details/Actions
 (If equipped)	Indicates that: • There is a high possibility of a frontal collision; or • The pre-crash braking function is operating A buzzer also sounds. → **Slow the vehicle by applying the brakes.**
 (If equipped)	Indicates that your vehicle is nearing the vehicle ahead (in vehicle-to-vehicle distance control mode) A buzzer also sounds. → **Slow the vehicle by applying the brakes.**
  (Flashes)	Indicates that the accelerator pedal is depressed while the shift position is in N A buzzer also sounds. → **Release the accelerator pedal and shift the shift position to D or R.**
  (Flashes)	Indicates that the accelerator pedal is depressed to stop the vehicle on an upward slope etc. A buzzer also sounds. If this continues, the hybrid system may overheat. → **Release the accelerator pedal and depress the brake pedal.**
  (Flashes)	Indicates that the hybrid battery (traction battery) power has dropped because a long period of time has elapsed after shifting the shift position to N A buzzer also sounds. → **Restart the hybrid system when starting the vehicle.**

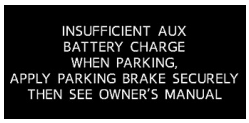
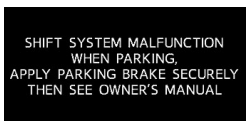
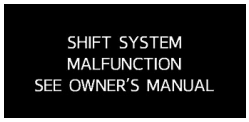
Warning message	Details/Actions
	Indicates a malfunction in the shift control system In this situation, there is a possibility that the parking lock mechanism will not work. When parking, park the vehicle on a flat surface and apply the parking brake securely. Also, it may not be possible to turn the power switch off. If this happens, applying the parking brake will enable the switch to be turned off. A buzzer also sounds. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**
	Indicates a malfunction in the hybrid system A buzzer also sounds. → **Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**
 (Flashes)	Indicates that the hybrid battery (traction battery) is low A buzzer also sounds. → **When stopping the vehicle for a long period of time, shift the shift position to P. The battery cannot be charged with the shift position in N.**
 (If equipped)	Indicates that the radar cruise control sensor is dirty or covered with ice A buzzer also sounds. → **Clean the sensor.**
 (If equipped)	Indicates that the dynamic radar cruise control system is unable to judge vehicle-to-vehicle distance A buzzer also sounds. → **If the windshield wipers are on, turn them off or set them to either intermittent or slow mode.**

Warning message	Details/Actions
CHECK CRUISE CONTROL SYSTEM  (If equipped)	Indicates a malfunction in: • The cruise control system; or • The dynamic radar cruise control system Press the “ON-OFF” button once to deactivate the system, and then press the button again to reactivate the system. A buzzer also sounds. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**
PRE-CRASH SAFETY MALFUNCTION VISIT YOUR DEALER  OFF (Flashes) (If equipped)	Indicates a malfunction in the pre-crash safety system A buzzer also sounds. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
LOW ENGINE OIL PRESSURE 	Indicates an engine oil pressure malfunction A buzzer also sounds. → **Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**
HYBRID SYSTEM OVERHEAT 	Indicates that the hybrid system has overheated This message may be displayed when driving under severe operating conditions, and the output of the hybrid system may temporarily decrease in order to protect the system. (For example, when driving up a long steep hill or driving up a steep hill in reverse.) A buzzer also sounds. → **Stop and check. (→P. 444)**

Warning message	Details/Actions
AUX BATTERY LOW SEE OWNER'S MANUAL  (Flashes)	Indicates that the insufficient 12-volt battery charge → **A few seconds* after the message disappears: Maintain the hybrid system operation state for approximately 15 minutes or more to recharge the 12-volt battery.** → **If the message does not disappear: Start the hybrid system by following the "If the 12-volt battery is discharged" procedure (→P. 439).** *: This is displayed for about 6 seconds.
PRE-CRASH SAFETY UNAVAILABLE  (Flashes) (If equipped)	Indicates that the pre-crash safety system is not currently functional → **Check the grille cover and the sensor and clean them if they are dirty.**
HAVE HYBRID BATTERY INSPECTED	Hybrid battery (traction battery) inspection or replacement time. → **Have the hybrid battery (traction battery) inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
VEHICLE WILL SOON NOT BE ABLE TO BE STARTED HAVE HYBRID BATTERY INSPECTED	Hybrid system restarting will soon be disabled. → **If you continue to use the vehicle in this state, you will soon become unable to restart the hybrid system. Have the hybrid battery (traction battery) inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**
VEHICLE SHOULD NOT BE STARTED UNDER ANY CIRCUMSTANCES UNTIL HYBRID BATTERY IS INSPECTED	Indicates that restarting of the hybrid system is not possible. → **Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.**

Warning message	Details/Actions
INSUFFICIENT AUX BATTERY CHARGE SHIFT IS UNAVAILABLE SEE OWNER'S MANUAL  (Flashes)	An attempt was made to change the shift position when the 12-volt battery voltage was low. A buzzer also sounds. → **Maintain the hybrid system operation state for approximately 15 minutes or more to recharge the 12-volt battery.** → **The hybrid system will not start: Start the hybrid system by following the "If the 12-volt battery is discharged" procedure (→P. 439).** → **The message appears frequently: The 12-volt battery may be deteriorating.** **The 12-volt battery may be discharged if this continues. Have the 12-volt battery inspected at your Toyota dealer.**
SHIFTING TEMPORARILY UNAVAILABLE. WAIT A MOMENT AND TRY AGAIN.  (Flashes)	The shift lever and P position switch were repeatedly operated in quick succession. A buzzer also sounds. → **Wait approximately 20 seconds and change the shift position.**
CANNOT SHIFT TO B. SHIFT TO D ONCE TO SHIFT TO B  (Flashes)	An attempt was made to change the shift position to B when the shift position was P or N. A buzzer also sounds. → **Change the shift position to D, and then change the shift position to B.**
CANNOT SHIFT TO D OR R. SHIFT AFTER HYBRID SYSTEM STARTS  (Flashes)	An attempt was made to change the shift position to R, D or B with the power switch on (READY indicator turned off). A buzzer also sounds. → **After starting the hybrid system, change the shift position to R, D or B*.** *: When changing the shift position to B, first change the shift position to D, and then change the shift position to B.
SHIFTING UNAVAILABLE. PRESS BRAKE PEDAL BEFORE SHIFTING  (Flashes)	An attempt was made to change the shift position from P with the brake pedal released. A buzzer also sounds. → **When changing the shift position from P, depress the brake pedal.**

Warning message	Details/Actions
  (Flashes)	An attempt was made to change the shift position to B when the shift position was R. A buzzer also sounds. The shift position automatically changed to N. → **Change the shift position to D, and then change the shift position to B.**
  (Flashes)	An attempt was made to change the shift position to D while the vehicle was driven in reverse. A buzzer also sounds. The shift position automatically changed to N. → **Stop the vehicle, and then change the shift position.**
  (Flashes)	An attempt was made to change the shift position to R while the vehicle was moving forward. A buzzer also sounds. The shift position automatically changed to N. → **Stop the vehicle, and then change the shift position.**
  (Flashes)	Indicates that the P position switch is pressed while the vehicle is running. A buzzer also sounds. The shift position automatically changed to N. → **To shift the shift position to P, stop the vehicle completely and press the P position switch.** → **To continue driving, shift the shift position to D or R.**

Warning message	Details/Actions
 	Insufficient 12-volt battery charge The parking lock mechanism may not function. The hybrid system may not be able to start. The power switch may not be able to be turned off. In this case, the power switch may be turned off by applying the parking brake. After charging the 12-volt battery, the message may continue to be displayed until the shift position is changed from P. A buzzer also sounds. → **When parking, choose a level location and apply the parking brake securely.** → **Maintain the hybrid system operation state for approximately 15 minutes or more to recharge the 12-volt battery.** → **The hybrid system will not start: Start the hybrid system by following the "If the 12-volt battery is discharged" procedure (→P. 439).** → **If the message does not disappear: The 12-volt battery may be deteriorating.** **The 12-volt battery may be discharged if this continues. Have the 12-volt battery inspected at your Toyota dealer.**
 	Shift control system malfunction A buzzer also sounds. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.** • The hybrid system may not be able to start. • The parking lock mechanism may not function. When parking, choose a level location and apply the parking brake securely. • The power switch may not be able to be turned off. In this case, the power switch may be turned off by applying the parking brake.
 	Shift control system malfunction A buzzer also sounds. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately. If not inspected, vehicle systems may stop operating normally.**

Warning message	Details/Actions
 	Shift control system communication malfunction A buzzer also sounds. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.** • The hybrid system may not be able to start. • May not be switched to the P position. When parking, choose a level location and apply the parking brake securely. • The automatically P position selection function (→P. 211) may not function. Before turning the power switch off, securely press the P position switch, and be sure to check that the shift position is in P by verifying the shift position or P position switch operation indicator lights. • The power switch may not be able to be turned off. In this case, the power switch may be turned off by applying the parking brake.
  (Turns on or Flashes)	Indicates a malfunction in the LED headlight system A buzzer also sounds. → **Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**

Other displayed messages

Carrying out the corresponding action turns the messages off.

Displayed message	Details/Actions
MAINTENANCE REQUIRED FOR HYBRID BATTERY COOLING PARTS AT YOUR DEALER	Maintenance of the hybrid battery (traction battery) cooling component is required The filter may be clogged, the air intake vent may be blocked or there may be a gap in the duct. → **Have maintenance performed on the hybrid battery (traction battery) cooling component at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**
EV MODE NOT AVAILABLE EV MODE NOT AVAILABLE WARMING UP EV MODE NOT AVAILABLE LOW BATTERY EV MODE NOT AVAILABLE EXCESSIVE SPEED EV MODE NOT AVAILABLE EXCESSIVE ACCELERATION	Indicates that the EV drive mode is not available* The reason the EV drive mode is not available (the vehicle is idling, battery charge is low, speed is higher than the EV drive mode operating speed range, accelerator pedal is depressed too much) may be displayed. A buzzer also sounds. → **Use the EV drive mode when it becomes available.**

Displayed message	Details/Actions
EV MODE DEACTIVATED EV MODE DEACTIVATED LOW BATTERY EV MODE DEACTIVATED EXCESSIVE SPEED EV MODE DEACTIVATED EXCESSIVE ACCELERATION EV MODE (Flashes 3 times)	Indicates that the EV drive mode has been automatically canceled* The reason the EV drive mode is not available (the battery charge is low, speed is higher than the EV drive mode operating speed range, accelerator pedal is depressed too much) may be displayed. A buzzer also sounds. → **Drive the vehicle for a while.**

*: For the EV drive mode operating conditions (→P. 206).

■ **Warning messages**

The warning message illustrations used are intended as examples, and may differ from the image that is actually displayed on the multi-information display.

■ **Warning message in radar cruise mode (if equipped)**

In the following situations, the warning message may not be displayed even if vehicle-to-vehicle distance decreases:

- When your vehicle and the vehicle ahead are traveling at the same speed or the vehicle ahead is traveling more quickly than your vehicle
- When the vehicle ahead is traveling at a very low speed
- Immediately after cruise control speed is set
- At the instant the accelerator pedal is depressed

■ **Warning buzzer**

→P. 384

Interior buzzer	Exterior buzzer	Warning message	Details/Actions
—	—	POWER TURNED OFF TO SAVE BATTERY	Power was turned off due to the automatic power off function. → **Next time when starting the hybrid system, operate the hybrid system for approximately 5 minutes to recharge the 12-volt battery.**
Continuous	—	SHIFT TO P BEFORE EXITING VEHICLE  (Flashes)	The driver's door was opened while any shift position other than P was selected without turning off the power switch. → **Shift the shift position to P.**
Continuous	Continuous	SHIFT TO P BEFORE EXITING VEHICLE KEY NOT DETECTED (Displayed alternately)  (Flashes)	The electronic key was carried outside the vehicle and the driver's door was opened and closed while any shift position other than P was selected without turning off the power switch. → **Shift the shift position to P.** → **Bring the electronic key back into the vehicle.**
Once	—	KEY NOT DETECTED	An attempt was made to start the hybrid system without the electronic key being present, or the electronic key was not functioning normally. → **Start the hybrid system with the electronic key present.**
		 (Flashes)	An attempt was made to drive when the regular key was not inside the vehicle. → **Confirm that the electronic key is inside the vehicle.**

Interior buzzer	Exterior buzzer	Warning message	Details/Actions
Once	3 times	KEY NOT DETECTED  (Flashes)	The electronic key was carried outside the vehicle and a door other than the driver's door was opened and closed while the power switch was in a mode other than off. → **Bring the electronic key back into the vehicle.**
			The electronic key was carried outside the vehicle and the driver's door was opened and closed while the shift position P was selected without turning off the power switch. → **Turn the power switch off.** → **Bring the electronic key back into the vehicle.**
Once	Sounds once for 5 seconds	KEY NOT DETECTED TURN POWER OFF (Displayed alternately)  (Flashes)	An attempt was made to exit the vehicle with the electronic key and lock the doors without first turning the power switch off. → **Turn the power switch off and lock the doors again.**
Once	—	SHIFT TO P POSITION AND PUSH POWER SWITCH TO TURN POWER OFF  (Flashes)	An attempt was made to turn the power switch off when the shift position was not in P. → **To turn off the hybrid system, first shift the shift position to P and then turn the power switch off.**

Interior buzzer	Exterior buzzer	Warning message	Details/Actions
Once	Sounds once for 5 seconds	KEY DETECTED IN VEHICLE (Flashes)	• An attempt was made to lock the doors using the smart entry & start system while the electronic key was still inside the vehicle. • An attempt was made to lock either front door by opening a door and putting the inside lock button into the lock position, then closing the door by pulling on the outside door handle with the electronic key still inside the vehicle. → **Retrieve the electronic key from the vehicle and lock the doors again.**
Once	—	DEPRESS BRAKE PEDAL, TOUCH POWER SWITCH WITH KEY (Flashes)	• When the doors were unlocked with the mechanical key and then the power switch was pressed, the electronic key could not be detected in the vehicle. • The electronic key could not be detected in the vehicle even after the power switch was pressed two consecutive times. → **Touch the electronic key to the power switch while depressing the brake pedal.**

Interior buzzer	Exterior buzzer	Warning message	Details/Actions
Once	—	DEPRESS BRAKE PEDAL AND PUSH POWER SWITCH TO START (Flashes)	The driver's door was opened and closed with the power switch turned off and then the power switch was put in ACCESSORY mode twice without the hybrid system being started. → **Press the power switch while depressing the brake pedal.**
			During a hybrid system starting procedure in the event that the electronic key was not functioning properly (→P. 437), the power switch was touched with the electronic key. → **Press the power switch within 10 seconds of the buzzer sounding.**
Once	—	SHIFT TO P POSITION TO START (Flashes)	An attempt was made to start the hybrid system with the shift position in N. → **Shift the shift position to P and start the hybrid system.**
Once	—	KEY BATTERY LOW	The electronic key has a low battery. → **Replace the electronic key battery. (→P. 351)**

■ **Warning messages**
→P. 399

■ **Warning buzzer**
→P. 384

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. 331

⚠ WARNING

■ If you have a flat tire

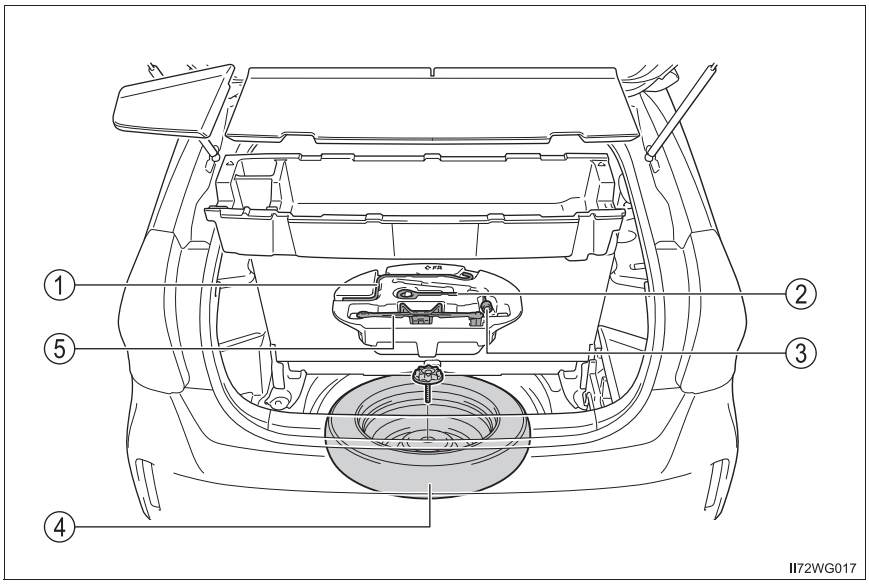
Do not continue driving with a flat tire.

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 on a hard, flat surface.
- Set the parking brake.
- Shift the shift position to P.
- Stop the hybrid system.
- Turn on the emergency flashers. (→P. 368)

Location of the spare tire, jack and tools



① Jack handle
② Towing eyelet
③ Wheel nut wrench
④ Spare tire
⑤ Jack

WARNING

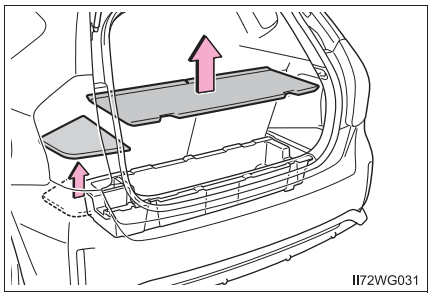
■ **Using the tire jack**

Observe the following precautions.
Improper use of the tire jack may cause the vehicle to suddenly fall off the jack, leading to death or serious injury.

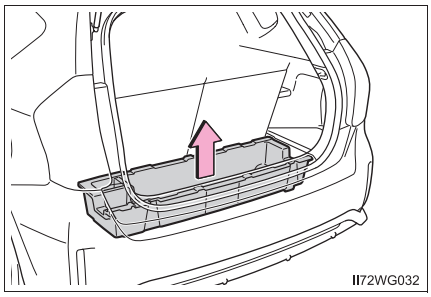
- Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- Only use the tire jack that comes with this vehicle for replacing a flat tire. Do not use it on other vehicles, and do not use other tire jacks for replacing tires on this vehicle.
- Put the jack properly in its jack point.
- Do not put any part of your body under the vehicle while it is supported by the jack.
- Do not start the hybrid system or drive the vehicle while the vehicle is supported by the jack.
- Do not raise the vehicle while someone is inside.
- When raising the vehicle, do not put an object on or under the jack.
- Do not raise the vehicle to a height greater than that required to replace the tire.
- Use a jack stand if it is necessary to get under the vehicle.
- When lowering the vehicle, make sure that there is no-one near the vehicle. If there are people nearby, warn them vocally before lowering.

Taking out the jack

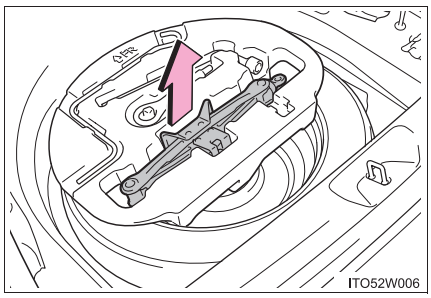
1 Remove the center and left side deck boards.



2 Remove the center auxiliary box.



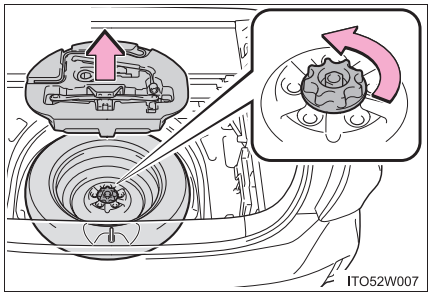
3 Take out the jack.



Taking out the spare tire

1 Remove the center deck board and center auxiliary box. (→P. 407)

2 Unload the tool holder from the vehicle and loosen the center fastener that secures the spare tire.



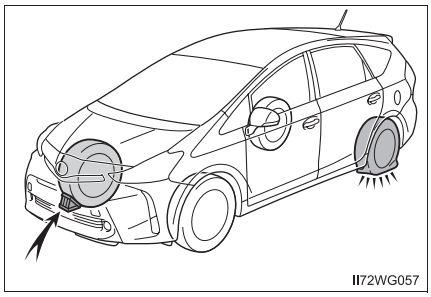
WARNING

■ 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

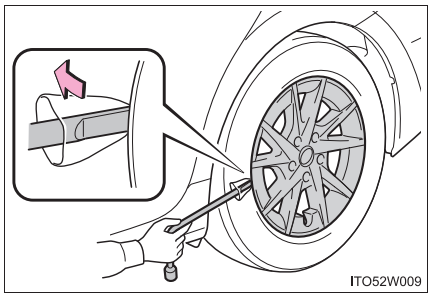
1 Chock the tires.



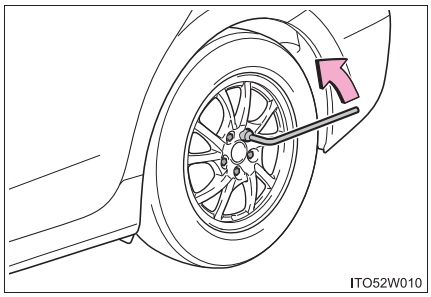
Flat tire		Wheel chock positions
Front	Left-hand side	Behind the rear right-hand side tire
	Right-hand side	Behind the rear left-hand side tire
Rear	Left-hand side	In front of the front right-hand side tire
	Right-hand side	In front of the front left-hand side tire

2 For vehicles with 16 inch wheels, remove the wheel ornament using the wrench.

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

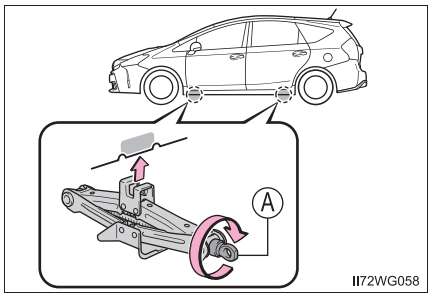


3 Slightly loosen the wheel nuts (one turn).

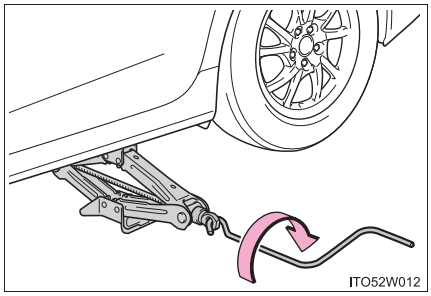


4 Turn the tire jack portion Ⓐ by hand until the notch of the jack is in contact with the jack point.

The jack point guides are located under the rocker panel. They indicate the jack point positions.

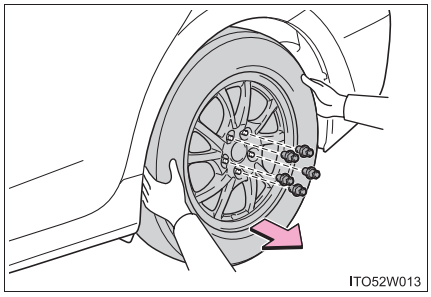


5 Raise the vehicle until the tire is slightly raised off the ground.



6 Remove all the wheel nuts and the tire.

When resting the tire on the ground, place the tire so that the wheel design faces up to avoid scratching the wheel surface.



WARNING

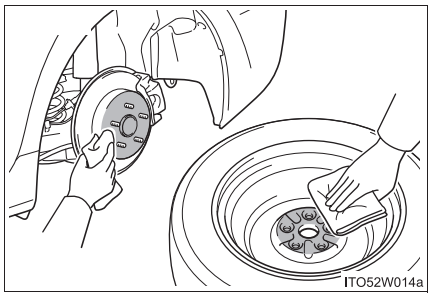
■ **Replacing a flat tire**

- Do not touch the disc wheels or the area around the brakes immediately after the vehicle has been driven.
  After the vehicle has been driven the disc wheels and the area around the brakes will be extremely hot. Touching these areas with hands, feet or other body parts while changing a tire, etc. may result in burns.
- Failure to follow these precautions could cause the wheel nuts to loosen and the tire to fall off, resulting in death or serious injury.
  - Have the wheel nuts tightened with a torque wrench to 103 N•m (10.5 kgf•m, 76 ft•lbf) as soon as possible after changing wheels.
  - When installing a tire, only use wheel nuts that have been specifically designed for that wheel.
  - If there are any cracks or deformations in the bolt screws, nut threads or bolt holes of the wheel, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
  - When installing the wheel nuts, be sure to install the wheel nuts with the tapered ends facing inward. (→P. 346)

Installing the spare tire

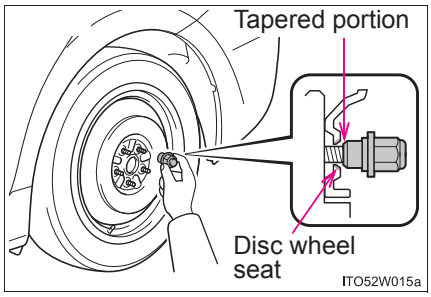
1 Remove any dirt or foreign matter from the wheel contact surface.

If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, causing the tire to come off.

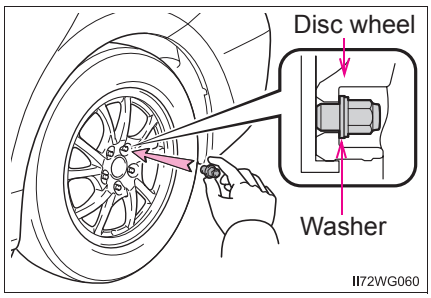


2 Install the spare tire and loosely tighten each wheel nut by hand by approximately the same amount.

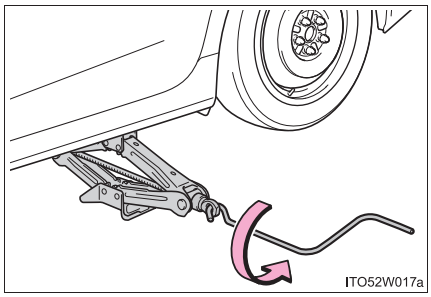
When replacing an aluminum wheel with a steel wheel (including a compact spare tire), tighten the wheel nuts until the tapered portion comes into loose contact with the disc wheel seat.



When replacing an aluminum wheel with an aluminum wheel, turn the wheel nuts until the washers come into contact with the disc wheel.

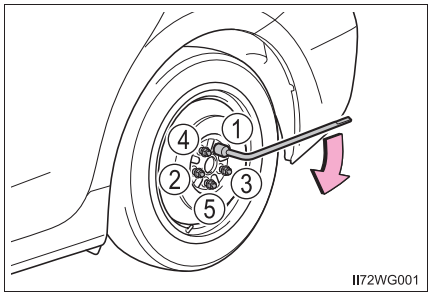


3 Lower the vehicle.



4 Firmly tighten each wheel nut two or three times in the order shown in the illustration.

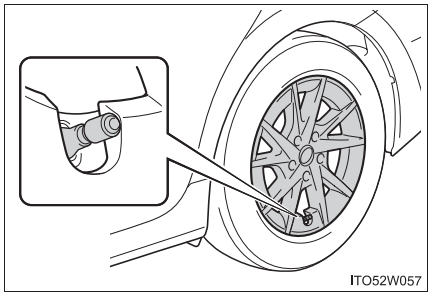
Tightening torque:
103 N•m (10.5 kgf•m, 76 ft•lbf)



5 For vehicles with 16 inch wheels, reinstall the wheel ornament.*

Align the cutout of the wheel ornament with the valve stem as shown.

*: The wheel ornament cannot be installed on the compact spare tire.



6 Stow the flat tire, tire jack and all tools.

■ **The compact spare tire**

- The compact spare tire is identified by the label “TEMPORARY USE ONLY” on the tire sidewall.
  Use the compact spare tire temporarily, and only in an emergency.
- Make sure to check the tire inflation pressure of the compact spare tire. (→P. 461)

■ **When using the compact spare tire**

As the compact spare tire is not equipped with a tire pressure warning valve and transmitter, low inflation pressure of the spare tire will not be indicated by the tire pressure warning system. Also, if you replace the compact spare tire after the tire pressure warning light comes on, the light remains on.

■ **When the compact spare tire is equipped**

The vehicle becomes lower when driving with the compact spare tire compared to when driving with standard tires.

■ **If you have a flat front tire on a road covered with snow or ice**

Install the compact spare tire on one of the rear wheels of the vehicle. Perform the following steps and fit tire chains to the front tires:

1. Replace a rear tire with the compact spare tire.
2. Replace the flat front tire with the tire removed from the rear of the vehicle.
3. Fit tire chains to the front tires.

Certification for the jack

CE

Manufacturer's Declaration of Conformity

Manufacturer:
Kawasaki Industrial Co., Ltd.
4618 Mukaijima Shimada, Shizuoka, Japan

The EU Directives covered by this Declaration

2006/42/EC Machinery Directive

The product covered by this declaration

JACK SUB-ASSY,PANTOGRAPH

model
0.8ton , 1.1ton , 1.35ton , 1.5ton

The basis on which conformity is being declared

The product identified above complies with the requirements of the Machinery Directive
Directive above by meeting following standards

JIS D 8103

The technical documentation required to demonstrate that the product meets the requirement the Machinery Directive has been compiled by the signatory belowand is available for inspection by the relevant enforcement authorities.

A sample of the product has been tested by the manufacturer

Technical File No: KSF-201-00-01

The CE mark was first applied in:2010

Done at Shizuoka, Japan

Signature:
Koji Kawasaki
PRESIDENT ,Kawasaki Industrial Co., Ltd.
Date of Issue: 25 December,2009

WARNING

■ **When using the compact spare tire**

- Remember that the spare tire provided is specifically designed for use with your vehicle. Do not use your spare tire on another vehicle.
- Do not use more than one compact spare tire simultaneously.
- Replace the spare tire with a standard tire as soon as possible.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.

■ **When the compact spare tire is attached**

The vehicle speed may not be correctly detected, and the following systems may not operate correctly:

- ABS & Brake assist
- VSC
- TRC
- Cruise control*
- Dynamic radar cruise control*
- PCS (Pre-Crash Safety system)*
- EPS
- Rear view monitor system*
- IPA (Intelligent Parking Assist)*
- 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.

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.

If you have a flat tire (vehicles without a spare tire)

Your vehicle is not equipped with a spare tire, but instead is equipped with an emergency tire puncture repair kit.

A puncture caused by a nail or screw passing through the tire tread can be repaired temporarily using the emergency tire puncture repair kit. (The kit contains a bottle of sealant. The sealant can be used only once to temporarily repair one tire without removing the nail or screw from the tire.) After temporarily repairing the tire with the kit, have the tire repaired or replaced by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

⚠ WARNING

■ **If you have a flat tire**

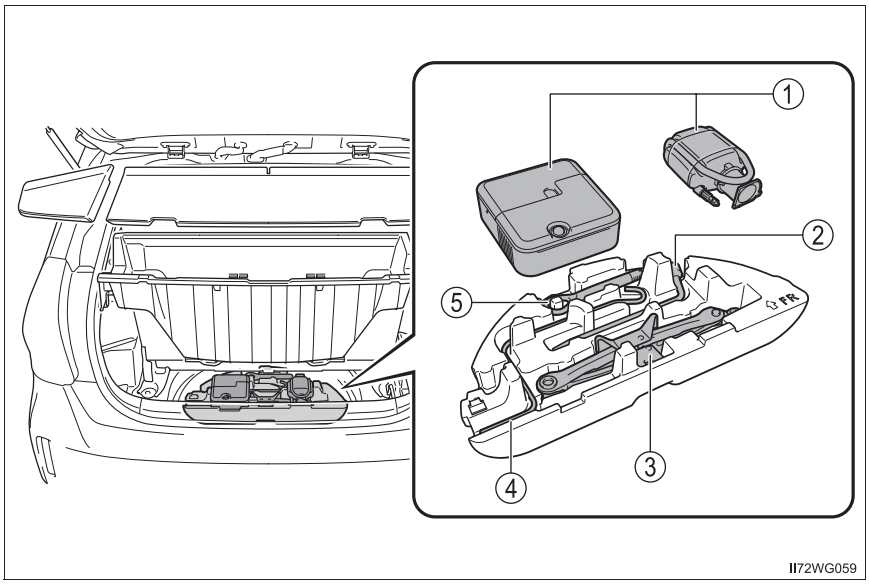
Do not continue driving with a flat tire.

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 position to P.
- Stop the hybrid system.
- Turn on the emergency flashers.

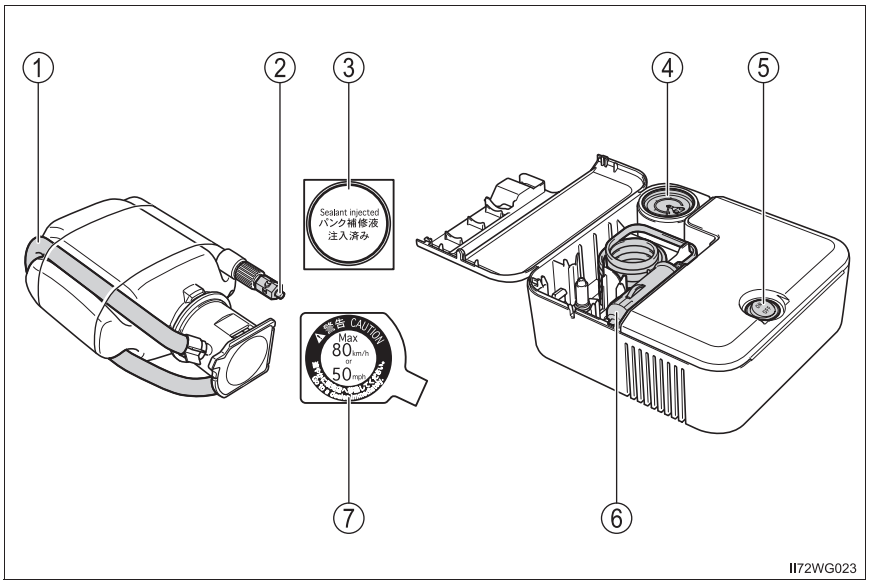
Location of the emergency tire puncture repair kit and tools



① Emergency tire puncture repair kit
② Wheel nut wrench
③ Jack*
④ Jack handle
⑤ Towing eyelet

*: Removing and using the jack (→P. 407)

Emergency tire puncture repair kit components

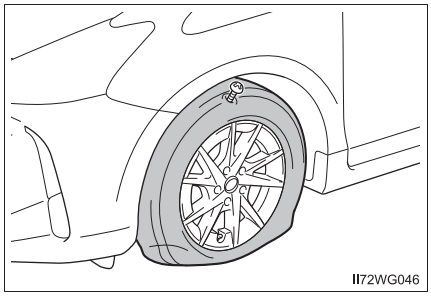


① Hose
② Air release cap
③ Sticker
④ Air pressure gauge
⑤ Compressor switch
⑥ Power plug
⑦ Sticker

Before performing emergency repair

Check the degree of the tire damage.

A tire should only be repaired with the emergency tire puncture repair kit if the damage is caused by a nail or screw passing through the tire tread.



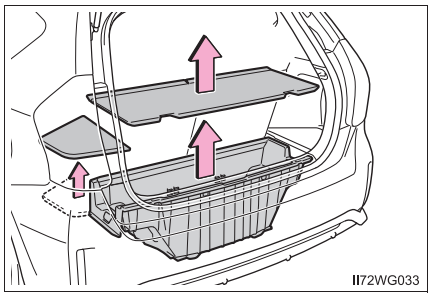
- Do not remove the nail or screw from the tire. Removing the object may widen the opening and prevent emergency repair with the repair kit.
- To avoid sealant leakage, move the vehicle until the area of the puncture, if known, is positioned at the top of the tire.

■ **In the following cases, the tire cannot be repaired with the emergency tire puncture repair kit. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**

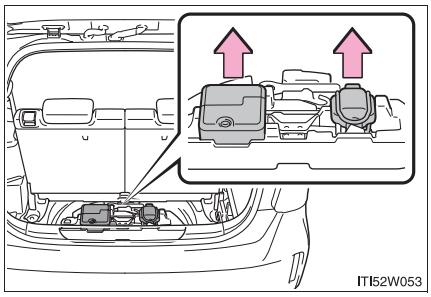
- When the tire is damaged due to driving without sufficient air pressure
- When there are any cracks or damage at any location on the tire, such as on the side wall, except the tread
- When the tire is visibly separated from the wheel
- When the cut or damage to the tread is 4 mm (0.16 in.) long or 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

Taking out the emergency tire puncture repair kit

1 Remove the left-side and center deck boards, and remove the center auxiliary box.



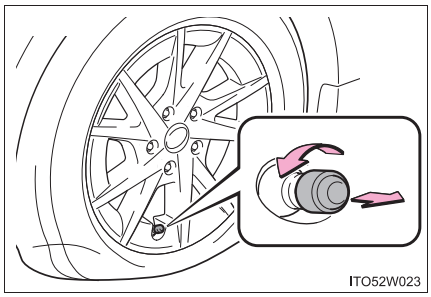
2 Take out the emergency tire puncture repair kit.



Emergency repair method

1 Take out the repair kit from the plastic bag.

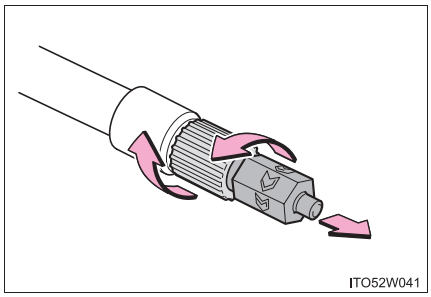
2 Remove the valve cap from the valve of the punctured tire.



3 Remove the protective film from the bottle and extend the hose. Remove the air release cap from the hose.

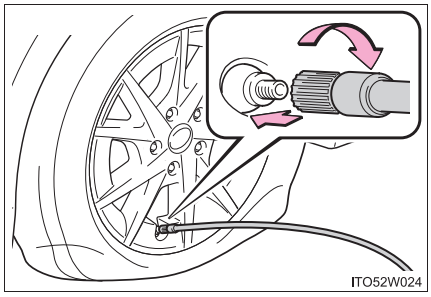
Attach the sticker enclosed with the bottle on the specified locations. (See 9.)

You will use the air release cap again. Therefore keep it in a safe place.

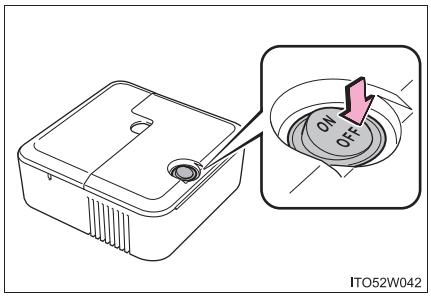


4 Connect the hose to the valve.

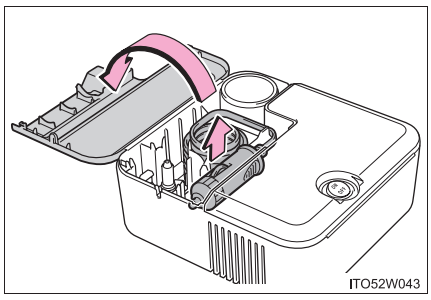
Screw the end of the hose clockwise as far as possible.



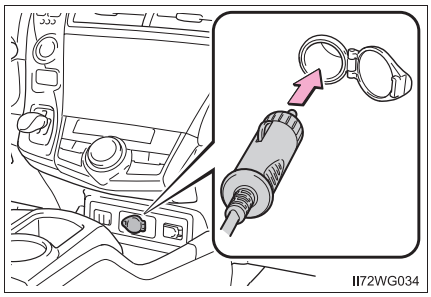
5 Make sure that the compressor switch is off.



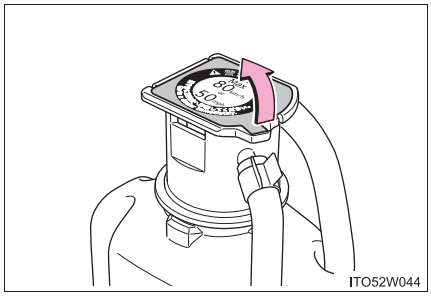
6 Open the cover and remove the power plug from the compressor.



7 Connect the power plug to the power outlet socket. (→P. 294)

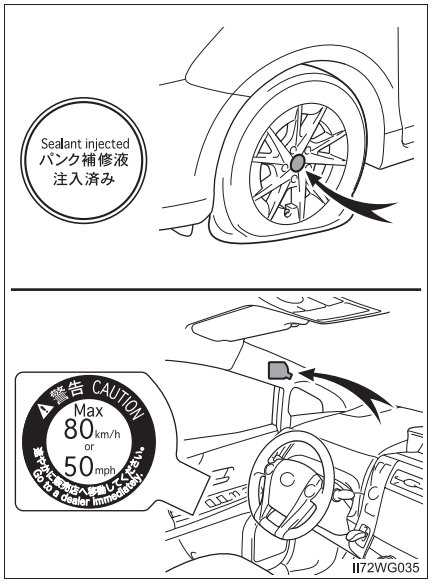


8 Remove the sticker.



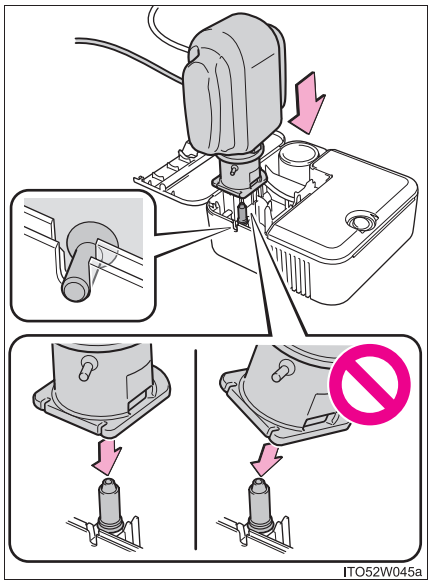
9 Attach the 2 stickers as shown.

Remove any dirt and moisture from the wheel before attaching the sticker. If you are unable to apply the stickers, inform the nearest authorized Toyota dealer, tire dealer or repairer, or another duly qualified and equipped professional that sealant has been applied to the puncture when having the tire repaired or replaced.



10 Connect the bottle to the compressor.

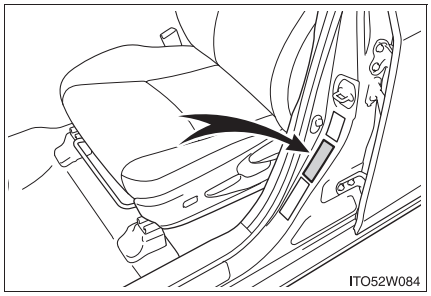
As shown in the illustration, insert the bottle vertically into the compressor to connect making sure that the claw on the bottle's neck is hooked onto the cutout of the compressor case.



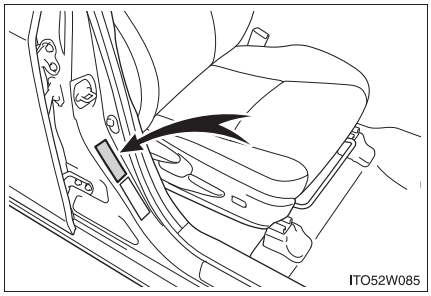
11 Check the specified tire inflation pressure.

Tire inflation pressure is specified on the label on the driver's side pillar as shown. (→P. 461)

▶ Left-hand drive vehicles

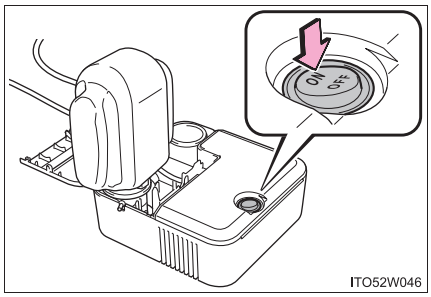


▶ Right-hand drive vehicles



12 Start the hybrid system. (→P. 201)

13 To inject the sealant and inflate the tire, turn the compressor switch on.



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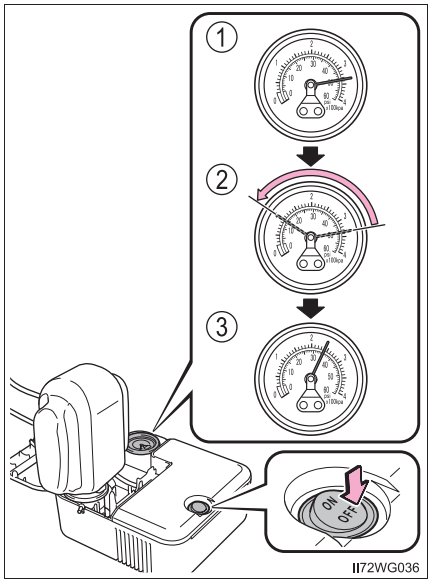
14 Inflate the tire until the specified air pressure is reached.

① The sealant will be injected and the pressure will surge, and then gradually decrease.

② The air pressure gauge will display the actual tire inflation pressure about 1 minute (15 minutes at low temperature) after the switch is turned on.

③ Inject to specified air pressure.

- Turn the compressor switch off and then check the tire inflation pressure. Being careful not to over inflate, check and repeat the inflation procedure until the specified tire inflation pressure is reached.



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- If the tire inflation pressure is still lower than the specified point after inflation for 35 minutes with the switch on, the tire is too damaged to be repaired. Turn the compressor switch off and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- If the tire inflation pressure exceeds the specified air pressure, let out some air to adjust the tire inflation pressure.
(→P. 429, 461)

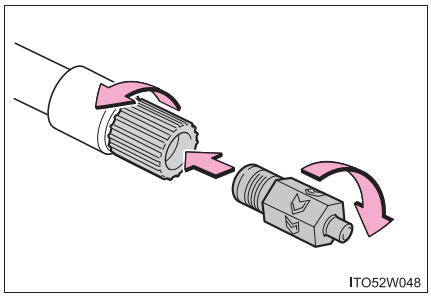
15 With the compressor switch off, disconnect the hose from the valve on the tire and then pull out the power plug from the power outlet socket.

Some sealant may leak when the hose is removed.

16 Install the valve cap onto the valve of the emergency repaired tire.

17 Attach the air release cap to the end of the hose.

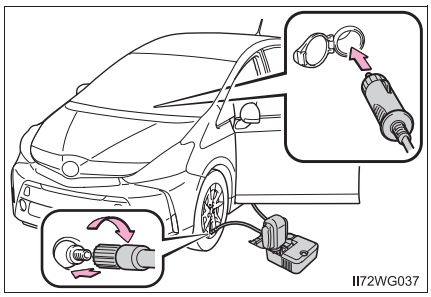
If the air release cap is not attached, the sealant may leak and the vehicle may get dirty.



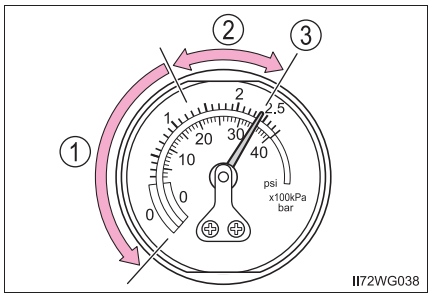
18 Temporarily store the bottle in the luggage compartment while it is connected to the compressor.

19 To spread the liquid sealant evenly within the tire, immediately drive safely for about 5 km (3 miles) below 80 km/h (50 mph).

20 After driving for about 5 km (3 miles), stop your vehicle in a safe place on a hard, flat surface and remove the air release cap from the hose before reconnecting the repair kit.



21 Turn the compressor switch on and wait for an approximately 5 seconds, and then turn it off. Check the tire inflation pressure.



① 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 dealer or repairer, or another duly qualified and equipped professional.

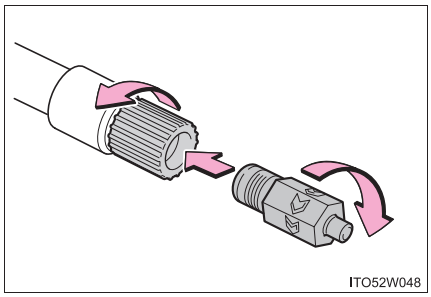
② If the tire inflation pressure is 130 kPa (1.3 kgf/cm^2 or bar, 19 psi) or higher, but less than the specified air pressure: Proceed to 22.

③ If the tire inflation pressure is the specified air pressure (→P. 461): Proceed to 23.

22 Turn the compressor switch on to inflate the tire until the specified air pressure is reached. Drive for about 5 km (3 miles) and then perform 20.

23 Attach the air release cap to the end of the hose.

If the air release cap is not attached, the sealant may leak and the vehicle may get dirty.



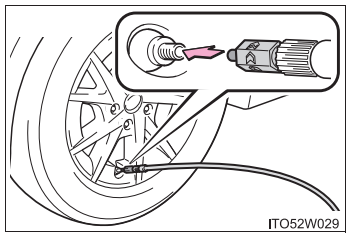
24 Store the bottle in the luggage compartment while it is connected to the compressor.

25 Taking precautions to avoid sudden braking, sudden acceleration and sharp turns, drive carefully at under 80 km/h (50 mph) to the nearest authorized Toyota dealer or repairer, or another duly qualified and equipped professional for tire repair or replacement.

■ **If the tire is inflated to more than the specified air pressure**

1 Disconnect the hose from the valve.

2 Install the air release cap to the end of the hose and push the protrusion on the air release cap into the tire valve to let some air out.



3 Disconnect the hose from the valve, remove the air release cap from the hose and then reconnect the hose.

4 Turn the compressor switch on and wait for several seconds, and then turn it off. Check that the air pressure indicator shows the specified air pressure.

If the air pressure is under the designated pressure, turn the compressor switch on again and repeat the inflation procedure until the specified air pressure is reached.

■ **The valve of a tire that has been repaired**

- After a tire is repaired with the emergency tire puncture repair kit, the valve should be replaced.
- After a tire is repaired with the emergency tire puncture repair kit, even if the tire inflation pressure is at the recommended level, the tire pressure warning light may come on/flash.

■ **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 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 purchased, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- The sealant can be used when the outside temperature is from -40°C (-40°F) to 60°C (140°F).
- The repair 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.
- The sealant has a limited lifespan. The expiry date is shown on the bottle. The bottle of sealant should be replaced with a new bottle before the expiry date. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for replacement.
- If the sealant gets on your clothes, it may stain.
- If the sealant adheres to a wheel or the surface of the vehicle body, the stain may not be removable if it is not cleaned at once. Immediately wipe away the sealant with a wet cloth.
- During operation of the repair kit, a loud operation noise is produced. This does not indicate a malfunction.
- Do not use to check or to adjust the tire pressure.

WARNING

■ **Do not drive the vehicle with a flat tire**

Do not continue driving with a flat tire.
Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair.

Driving with a flat tire may cause a circumferential groove on the side wall. In such a case, the tire may explode when using a repair kit.

■ **Caution while driving**

- Store the repair kit in the luggage compartment.
  Injuries may result in the event of an accident or sudden braking.
- The repair kit is exclusively only for your vehicle.
  Do not use repair kit on other vehicles, which could lead to an accident causing death or serious injury.
- Do not use repair kit for tires that are different size than the original ones, or for any other purpose. If the tires have not been completely repaired, it could lead to an accident causing death or serious injury.

■ **Precautions for use of the sealant**

- Ingesting the sealant is hazardous to your health. If you ingest sealant, consume as much water as possible, and then immediately consult a doctor.
- If sealant gets in eyes or adheres to skin, immediately wash it off with water. If discomfort persists, consult a doctor.

WARNING

■ **When fixing the flat tire**

- Stop your vehicle in a safe and flat area.
- Do not touch the wheels or the area around the brakes immediately after the vehicle has been driven.
  After the vehicle has been driven, the wheels and the area around the brakes may be extremely hot. Touching these areas with hands, feet or other body parts may result in burns.
- Connect the valve and hose securely with the tire installed on the vehicle. If the hose is not properly connected to the valve, air leakage may occur as sealant may be sprayed out.
- If the hose comes off the valve while inflating the tire, there is a risk that the hose will move abruptly due to air pressure.
- After inflation of the tire has completed, the sealant may splatter when the hose is disconnected or some air is let out of the tire.
- Follow the operation procedure to repair the tire. If the procedures not followed, the sealant may spray out.
- Keep back from the tire while it is being repaired, as there is a chance of it bursting while the repair operation is being performed. If you notice any cracks or deformation of the tire, turn off the compressor switch and stop the repair operation immediately.
- The repair kit may overheat if operated for a long period of time. Do not operate the repair kit continuously for more than 40 minutes.
- Parts of the repair kit become hot during operation. Be careful handling the repair kit during and after operation. Do not touch the metal part connecting the bottle and the compressor. It will be extremely hot.
- Do not attach the vehicle speed warning sticker to an area other than the one indicated. If the sticker is attached to an area where an SRS airbag is located, such as the pad of the steering wheel, it may prevent the SRS airbag from operating properly.

WARNING

■ **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.

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 dealer or repairer, or another duly qualified and equipped professional 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. 332)

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. 201)

One of the following may be the cause of the problem:

- The electronic key may not be functioning properly.* (→P. 437)
- There may not be sufficient fuel in the vehicle's tank. Refuel the vehicle. (→P. 87)
- There may be a malfunction in the immobilizer system.* (→P. 91)
- There may be a malfunction in the shift control system.* (→P. 204, 378, 390)
- 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. 436)

*: It may not be possible to shift the shift position other than P.

The interior lights and headlights are dim, or the horn does not sound or sounds at a low volume.

One of the following may be the cause of the problem:

- The 12-volt battery may be discharged. (→P. 439)
- The 12-volt battery terminal connections may be loose or corroded. (→P. 327)

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. 439)
- One or both of the 12-volt battery terminals may be disconnected. (→P. 327)

Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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 cases of emergency.

1. Set the parking brake.
2. Turn the power switch to ACCESSORY mode.
3. Press and hold the power switch for about 15 seconds while depressing the brake pedal firmly.

Even if the hybrid system can be started using the above steps, the system may be malfunctioning. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

If the electronic key does not operate properly

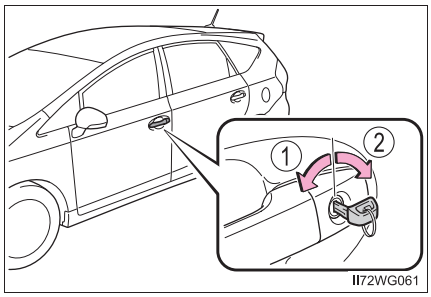
If communication between the electronic key and vehicle is interrupted (→P. 154) or the electronic key cannot be used because the battery is depleted, the smart entry & start system and wireless remote control cannot be used. In such cases, the doors can be opened and the hybrid system can be started by following the procedure below.

Locking and unlocking the doors

Use the mechanical key (→P. 139) in order to perform the following operations:

① Locks all the doors

② Unlocks all the doors

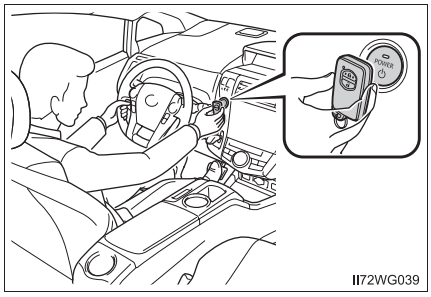


Starting the hybrid system

1 Depress the brake pedal.

2 Touch the Toyota emblem side of the electronic key to the power switch.

If any of the doors is opened or closed while the key is being touched to the switch, an alarm will sound to indicate that the start function cannot detect the electronic key.



3 Press the power switch within 10 seconds of the buzzer sounding, keeping the brake pedal depressed.

In the event that the hybrid system still cannot be operated, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Stopping the hybrid system**

Set the parking brake, shift the shift position to P and press the power switch as you normally do when stopping the hybrid system.

■ **Replacing the key battery**

As the above procedure is a temporary measure, it is recommended that the electronic key battery be replaced immediately when the battery is depleted. (→P. 351)

■ **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. 97)

■ **Changing power switch modes**

Within 10 seconds of the buzzer sounding, release the brake pedal and press the power switch.

The hybrid system does not start and modes will be changed each time the switch is pressed. (→P. 203)

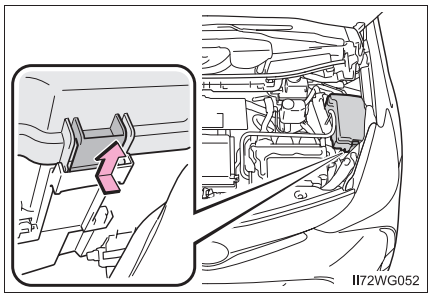
If the 12-volt battery is discharged

The following procedures may be used to start the hybrid system if the vehicle's 12-volt battery is discharged.
You can also call any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

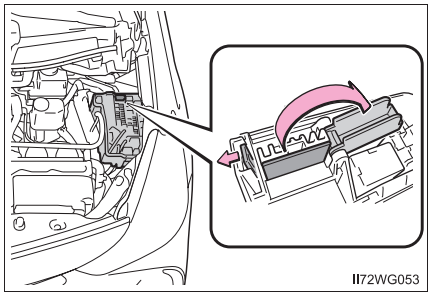
If you have a set of jumper (or booster) cables and a second vehicle with a 12-volt battery, you can jump start your vehicle by following the steps below.

1 Open the hood (→P. 313) and fuse box cover.

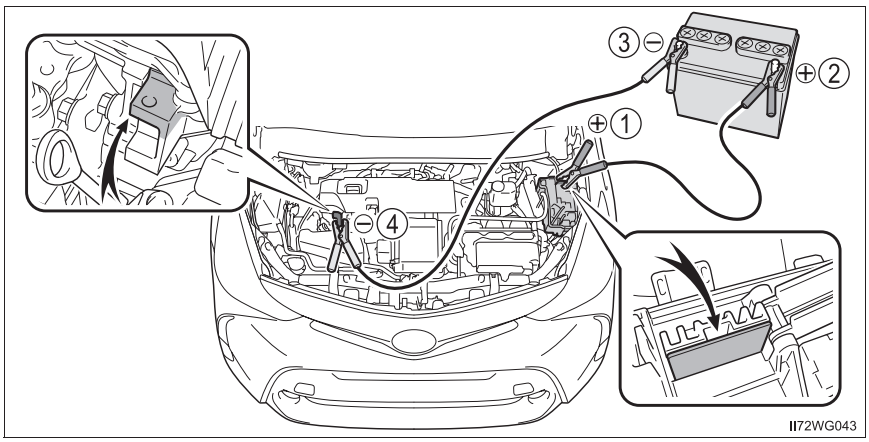
When closing, first hook the lid onto the two rear tabs.



2 Open the exclusive jump starting terminal cover.



3 Connect the jumper cables according to the following procedure:



① Connect a positive jumper cable clamp to the exclusive jump starting terminal on your vehicle.

② Connect the clamp on the other end of the positive cable to the positive (+) battery terminal on the second vehicle.

③ Connect a negative cable clamp to the negative (-) battery terminal on the second vehicle.

④ Connect the clamp at the other end of the negative cable to a solid, stationary, unpainted metallic point away from the exclusive jump starting terminal and any moving parts, as shown in the illustration.

4 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.

5 Maintain the engine speed of the second vehicle and start the hybrid system of your vehicle by turning the power switch to ON mode.

6 Make sure the “READY” indicator comes on. If the indicator light does not come on, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

7 Once the hybrid system has started, remove the jumper cables in the exact reverse order from which they were connected.

8 Close the exclusive jump starting terminal cover, and reinstall the fuse box cover to its original position.

When installing, first hook the fuse box cover onto the two rear tabs.

Once the hybrid system starts, have the vehicle inspected at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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**

- The hybrid system may not start. (→P. 328)
- If the 12-volt battery discharges while the shift position is in P, it may not be possible to shift the shift position to other positions. In this case, the vehicle cannot be towed without lifting both front wheels because the front wheels will be locked. (→P. 370)
- When the 12-volt battery is reconnected, start the hybrid system and confirm that the shift position can be changed to each position using the shift position indicator.
- Make sure that the key is not inside the vehicle when recharging or replacing the 12-volt battery. The key may be locked in the vehicle if the alarm is activated. (→P. 97)

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.)

WARNING

Avoiding 12-volt battery fires or explosions

Observe the following precautions to prevent accidentally igniting the flammable gas that may be emitted from the 12-volt battery:

- Make sure each jumper cable is connected to the correct terminal and that it is not unintentionally in contact with any other than the intended terminal.
- Do not allow the other end of the jumper cable connected to the “+” terminal to come into contact with any other parts or metal surfaces in the area, such as brackets or unpainted metal.
- Do not allow the + and - clamps of the jumper cables to come into contact with each other.
- Do not smoke, use matches, cigarette lighters or allow open flame near the 12-volt battery.

12-volt battery precautions

The 12-volt battery contains poisonous and corrosive acidic electrolyte, while related parts contain lead and lead compounds. Observe the following precautions when handling the 12-volt battery:

- When working with the 12-volt battery, always wear safety glasses and take care not to allow any battery fluids (acid) to come into contact with skin, clothing or the vehicle body.
- Do not lean over the 12-volt battery.
- In the event that battery fluid 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**

Have the 12-volt battery inspected at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional 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**

→P. 330

NOTICE

■ **When handling jumper cables**

When connecting the jumper cables, ensure that they do not become entangled in the cooling fans, etc.

■ **To prevent damaging the vehicle**

The exclusive jump starting terminal is to be used when charging the 12-volt battery from another vehicle in an emergency. It cannot be used to jump start another vehicle.

If your vehicle overheats

The following may indicate that your vehicle is overheating.

- The high coolant temperature warning light (→P. 380) comes on or flashes, or a loss of hybrid system power is experienced. (For example, the vehicle speed does not increase.)
- Vehicles without multi-information display: The hybrid system overheat warning light (→P. 380) comes on.
- Vehicles with multi-information display: The warning message indicating overheat is shown on the multi-information display. (→P. 391)
- Steam comes out from under the hood.

Correction procedures

If the high coolant temperature warning light comes on or flashes

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.

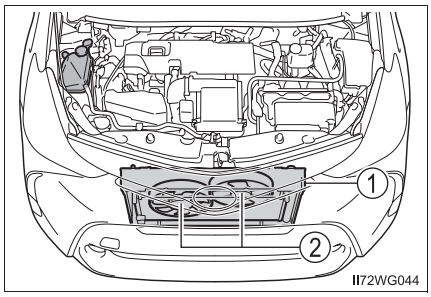
If you do not see steam:
Carefully lift the hood.

3 After the hybrid system has cooled down sufficiently, inspect the hoses and radiator core (radiator) for any leaks.

① Radiator

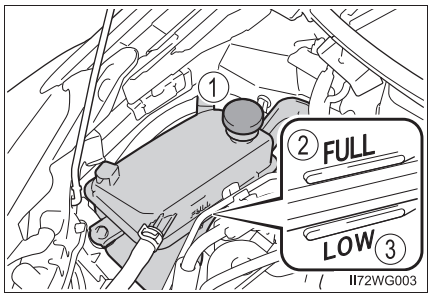
② Cooling fans

If a large amount of coolant leaks, immediately contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.



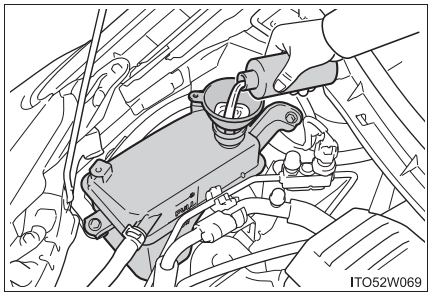
4 The coolant level is satisfactory if it is between the “FULL” and “LOW” lines on the reservoir.

① Reservoir
② “FULL” line
③ “LOW” 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 dealer or repairer, or another duly qualified and equipped professional.

If the fans are operating:
Have the vehicle inspected at the nearest any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **If the hybrid system overheat warning light comes on or the warning message indicating overheat is shown on the multi-information display**

1 Stop the vehicle in a safe place.

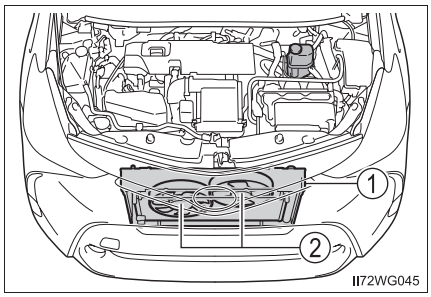
2 Stop the hybrid system and carefully lift the hood.

3 After the hybrid system has cooled down, inspect the hoses and radiator core (radiator) for any leaks.

① Radiator

② Cooling fans

If a large amount of coolant leaks, immediately contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

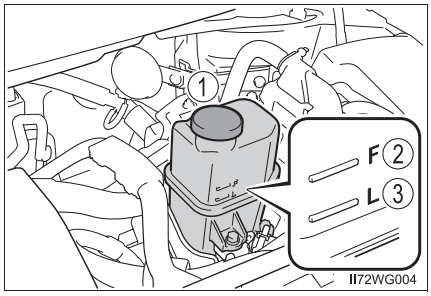


4 The coolant level is satisfactory if it is between the “F” and “L” lines on the reservoir.

① Reservoir

② “F” line

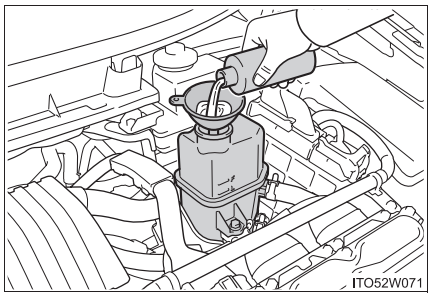
③ “L” line



5 Add coolant if necessary.

Water can be used in an emergency if coolant is unavailable.

If water was added in an emergency, have the vehicle inspected at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.



6 After stopping the hybrid system and waiting for 5 minutes or more, start the hybrid system and check for the instrument cluster or multi-information display.

If the hybrid system overheat warning light does not turn off or the message does not disappear:
Stop the hybrid system and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

If the hybrid system overheat warning light does not come on or the message is not displayed:
The hybrid system temperature has dropped and the vehicle may be driven normally.

However, if the warning light comes on again frequently or the message appears again frequently, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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 indicator on the power switch and the “READY” indicator are off.
  When the hybrid system is operating, the gasoline engine may automatically start, or the cooling fan may suddenly operate even if the gasoline engine stops. Do not touch or approach rotating parts such as the fan, which may lead to fingers or clothing (especially a tie, a scarf or a muffler) getting caught, resulting in serious injury.
- Do not loosen the coolant reservoir cap while the hybrid system and radiator are hot.
  High temperature steam or coolant could spray out.

NOTICE

■ **When adding engine/power control unit coolant**

Add coolant slowly after the hybrid system has cooled down sufficiently. Adding cool coolant to a hot hybrid system too quickly can cause damage to the hybrid system.

■ **To prevent damage to the cooling system**

Observe the following precautions:

- Avoid contaminating the coolant with foreign matter (such as sand or dust etc.).
- Do not use any coolant additive.

If the vehicle becomes stuck

Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt or snow:

1. Set the parking brake and shift the shift position to P. Stop the hybrid system.
2. Remove the mud, snow or sand from around the stuck tire.
3. Place wood, stones or some other material under the tires to help provide traction.
4. Restart the hybrid system.
5. Shift the shift position to D or R, release the parking brake and carefully apply the accelerator to free the vehicle.

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 changing the shift position

Be careful not to change the shift position with the accelerator pedal depressed.
Changing the shift position to any positions other than P or N may cause the vehicle to accelerate abruptly, causing an accident and resulting in death or serious injury.

NOTICE

■ To avoid damage to the hybrid transmission and other components

- Avoid spinning the 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.).....452
Fuel information.....463
8-2. Customization
Customizable features.....465
8-3. Initialization
Item to initialize.....471

Maintenance data (fuel, oil level, etc.)

Dimensions and weights

Overall length		4645 mm (182.9 in.)
Overall width		1775 mm (69.9 in.)
Overall height*1		1575 mm (62.0 in.)*2 1600 mm (63.0 in.)*3
Wheelbase		2780 mm (109.4 in.)
Tread	Front	1540 mm (60.6 in.)*4 1530 mm (60.2 in.)*5
	Rear	1545 mm (60.8 in.)*4 1535 mm (60.4 in.)*5
Gross vehicle mass		2115 kg (4663 lb.)
Maximum permissible axle capacity	Front	1110 kg (2447 lb.)
	Rear	1110 kg (2447 lb.)

*1: Unladen vehicle

*2: Vehicles without panoramic roof

*3: Vehicles with panoramic roof

*4: Vehicles with 16-inch tires

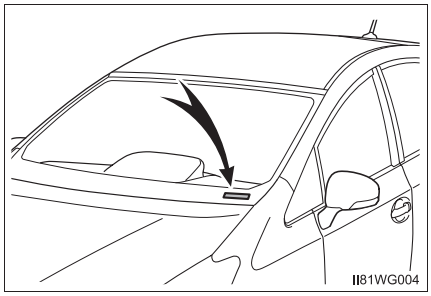
*5: Vehicles with 17-inch tires

Vehicle identification

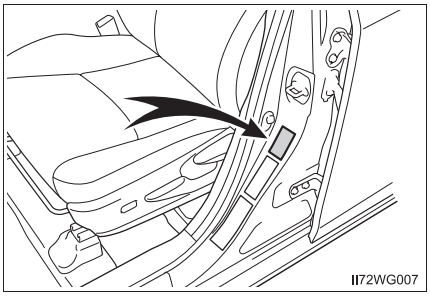
■ Vehicle identification number

The vehicle identification number (VIN) is the legal identifier for your vehicle. This is the primary identification number for your Toyota. It is used in registering the ownership of your vehicle.

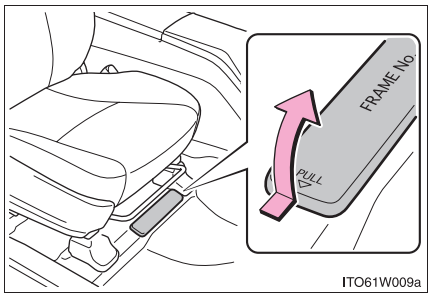
This number is stamped on the top left of the instrument panel.



This number is also on the manufacturer's label.

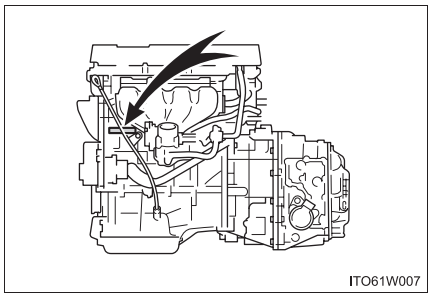


This number is also stamped under the right-hand front seat.



Engine number

The engine number is stamped on the engine block as shown.



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

Fuel

Fuel type	▶ 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)	45 L (11.9 gal., 9.9 lmp.gal.)

Electric motor (traction motor)

Type	Permanent magnet motor
Maximum output	60 kW
Maximum torque	207 N•m (21.1 kgf•m, 153 ft•lbf)

Hybrid battery (traction battery)

Type	Lithium-ion battery
Voltage	3.6 V/cell
Capacity	5 Ah
Quantity	56 cells
Overall voltage	201.6 V

Lubrication system

Oil capacity (Drain and refill — reference*)	
With filter	4.2 L (4.4 qt., 3.7 lmp.qt.)
Without filter	3.9 L (4.1 qt., 3.4 lmp.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-20, 5W-30 and 10W-30:
API grade SL “Energy-Conserving”, SM “Energy-Conserving” or SN “Resource-Conserving”; or ILSAC multigrade engine oil

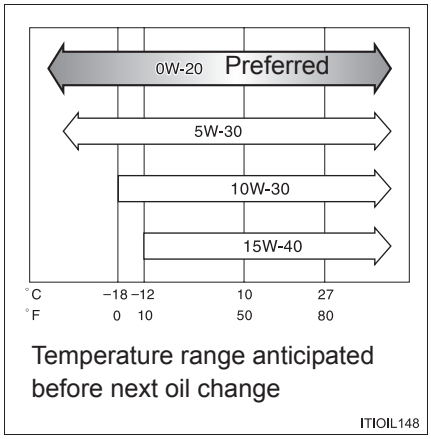
15W-40:
API grade SL, SM or SN multigrade engine oil

Recommended viscosity (SAE):

SAE 0W-20 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-20 oil is not available, SAE 5W-30 oil may be used. However, it should be replaced with SAE 0W-20 at the next oil change.

If you use SAE 10W-30 or a higher viscosity engine oil in extremely low temperatures, the engine may become difficult to start, so SAE 0W-20 or 5W-30 engine oil is recommended.



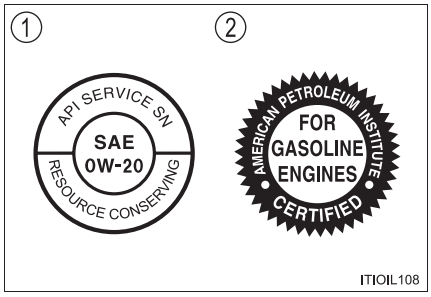
Temperature range anticipated before next oil change

Oil viscosity (0W-20 is explained here as an example):

- The 0W in 0W-20 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 20 in 0W-20 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.



① API Service Symbol

Top portion: “API SERVICE SN” means the oil quality designation by American Petroleum Institute (API).

Center portion: “SAE 0W-20” means the SAE viscosity grade.

Lower portion: “Resource-Conserving” means that the oil has fuel-saving and environmental protection capabilities.

② ILSAC Certification Mark

The International Lubricant Specification Advisory Committee (ILSAC) Certification Mark is displayed on the front of the container.

Cooling system

Capacity	Gasoline engine	▶ Without an exhaust heat recirculator system 6.5 L (6.9 qt., 5.7 Imp.qt.) ▶ With an exhaust heat recirculator system 6.9 L (7.3 qt., 6.1 Imp.qt.)
	Power control unit	2.7 L (2.9 qt., 2.4 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	DENSO SC20HR11 or SC16HR11
Gap	1.1 mm (0.043 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):	12.5 V or higher: Fully charged 11.0 — 12.4 V: Half charged 10.9 V or lower: Discharged (Voltage is checked 30 seconds after the hybrid system and all lights are turned off.)
Charging rates	4.2 A max.

Transmission

Fluid capacity*	3.4 L (3.6 qt., 3.0 Imp.qt.)
Fluid type	Toyota Genuine ATF WS

*: The fluid capacity is the quantity of reference.
If replacement is necessary, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

NOTICE

■ Transmission fluid type

Using transmission fluid other than “Toyota Genuine ATF WS” may cause deterioration in shift quality, locking up of your transmission accompanied by vibration, and ultimately damage the transmission of your vehicle.

Brakes

Pedal clearance*1	▶ Left-hand drive vehicles 75 mm (2.95 in.) ▶ Right-hand drive vehicles 79 mm (3.11 in.)
Pedal free play	1.0 — 6.0 mm (0.04 — 0.24 in.)
Parking brake pedal travel*2	8 — 11 clicks
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 196 N (20.0 kgf, 44.1 lbf) while the hybrid system is operating.

*2: Parking brake pedal travel when depressed with a force of 300 N (30.6 kgf, 67.5 lbf).

Steering

Free play	Less than 30 mm (1.2 in.)

Tires and wheels

▶ Type A

Tire size	205/60R16 92V
Tire inflation pressure (Recommended cold tire inflation pressure)	250 kPa (2.5 kgf/cm^2 or bar, 36 psi)
Wheel size	16 × 6 1/2J
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

▶ Type B

Tire size	215/50R17 91V
Tire inflation pressure (Recommended cold tire inflation pressure)	230 kPa (2.3 kgf/cm^2 or bar, 33 psi)
Wheel size	17 × 7J
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

▶ Compact spare tire (if equipped)

Tire size	T135/70D17 102M
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)

Light bulbs

	Light bulbs	W	Type
Exterior	Front fog lights	19	A
	Front turn signal lights	21	B
	Rear turn signal lights	21	B
	Back-up lights	21	C
	Rear fog light	21	C
	License plate lights	5	C
Interior	Vanity lights	8	C
	Personal/interior lights Vehicles without panoramic roof Vehicles with panoramic roof	 5 8	 C C
	Rear interior light	8	D
	Door courtesy lights	5	C
	Luggage compartment light	5	C

A: H16 halogen bulbs

B: Wedge base bulbs (amber)

C: Wedge base bulbs (clear)

D: Double end bulbs

Fuel information

You must only use unleaded gasoline.

For optimum engine performance, select unleaded gasoline with a Research Octane Number of 95 or higher.

▶ EU area

Your vehicle must use only unleaded gasoline conforming to European standard EN228.

For optimum engine performance, select unleaded gasoline with a Research Octane Number of 95 or higher.

▶ Except EU area

Your vehicle must use only unleaded gasoline.

For optimum engine performance, select unleaded gasoline with a Research Octane Number of 95 or higher.

■ **Fuel tank opening for unleaded gasoline**

To help prevent incorrect fueling, your Toyota has a fuel tank opening that only accommodates the special nozzle on unleaded fuel pumps.

■ **If your engine knocks**

- Consult any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- 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 leaded gasoline.
  Leaded gasoline will cause the three-way catalytic converter to lose its effectiveness and emission control system to function improperly.
- Gasoline engine (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 dealer or repairer, or another duly qualified and equipped professional.
- Gasoline engine (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 dealer or repairer, or another duly qualified and equipped professional.

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 navigation system, or at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Some function settings are changed simultaneously with other functions being customized. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for further details.

Customizing vehicle features

When customizing vehicle features, ensure that the vehicle is parked in a safe place with the parking brake set and the shift position in P.

■ Changing using the multi-information display

1 Press ❮ or ❯ of the meter control switches, select , and then press ◎.

2 Press ∧ or ∨ of the meter control switches, select the item, and then press ◎.

3 Press ∧ or ∨ of the meter control switches, select the desired setting, and then press ◎.

To go back to the previous screen or exit the customize mode, press ⮌.

■ Changing using the navigation system

1 Press the “SETUP” button.

2 Select “Vehicle” on the “Setup” screen and select “Vehicle customization”.

Various settings can be changed. Refer to the list of settings that can be changed for details.

Customizable features

① Settings that can be changed using the multi-information display

② Vehicles with a navigation system: Settings that can be changed using the navigation system

③ Settings that can be changed by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional

Definition of symbols: O = Available, – =Not available

■ Smart entry & start system and wireless remote control (→P. 138, 151)

Function	Default setting	Customized setting	①	②	③
Operation signal (emergency flashers)	On	Off	–	O	O
Open door reminder buzzer (When locking the vehicle)	On	Off	–	–	O
Time elapsed before the automatic door lock function is activated if a door is not opened after being unlocked	30 seconds	60 seconds	–	–	O
		120 seconds			
Open door reminder buzzer (When locking the vehicle)	Level 7	Level 1 to 6	–	O	O
		OFF			

■ Smart entry & start system (→P. 151)

Function	Default setting	Customized setting	①	②	③
Smart entry & start system	On	Off	–	O	O

■ **Wireless remote control (→P. 138)**

Function	Default setting	Customized setting	①	②	③
Wireless remote control	On	Off	–	–	O

■ **Automatic light control system (→P. 215)**

Function	Default setting	Customized setting	①	②	③
Light sensor sensitivity	Level 0	Level -2 to 2	–	O	O

■ **Illumination (→P. 280)**

Function	Default setting	Customized setting	①	②	③
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 with the smart entry & start system or the wireless remote control function or the mechanical key	On	Off	–	–	O
Operation when you approach the vehicle with the electronic key on your person	On	Off	–	–	O
Footwell lighting	On	Off	–	–	O
Footwell lighting control	On	Off	–	–	O

■ **Instrument cluster (→P. 109)**

Function	Default setting	Customized setting	①	②	③
Sensor sensitivity for darkening the brightness of the instrument cluster depending on the outside brightness	Standard	-2 to 2	–	–	O
Sensor sensitivity for returning the brightness of the instrument cluster to the original level depending on the outside brightness	Standard	-2 to 2	–	–	O
Language*	English	French	O	–	O
		German			
		Spanish			
		Italian			
Units	km (L/100km)	km (km/L)	O	O	O
Pop-up display	On	Off	O	–	O

*: The default setting varies according to countries.

■ **Automatic air conditioning system (→P. 270)**

Function	Default setting	Customized setting	①	②	③
A/C auto switching operation	On	Off	–	–	O
Heating/cooling operation minimized in Eco drive mode	On	Off	–	–	O

■ **Panoramic roof shades* (→P. 296)**

Function	Default setting	Customized setting	①	②	③
Door lock linked automatic closing function	On	Off	–	–	O

*: If equipped

■ **Reverse buzzer (→P. 210)**

Function	Default setting	Customized setting	①	②	③
Signal (buzzer) when the shift position is in R	Intermittent	Single	–	–	O

■ **Alarm* (→P. 97)**

Function	Default setting	Customized setting	①	②	③
Deactivates the alarm when the doors are unlocked using the mechanical key	Off	On	–	–	O

*: If equipped

■ **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.

WARNING

■ **Cautions 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.

Item to initialize

The following item must be initialized for normal system operation after such cases as the 12-volt battery being reconnected, or maintenance being performed on the vehicle:

Item	When to initialize	Reference
Tire pressure warning system	• When rotating the tires on vehicles with differing front and rear tire inflation pressures • When changing the tire inflation pressure by changing traveling speed or load weight, etc. • When changing the tire size	P. 332

Index

What to do if...
(Troubleshooting) 474
Alphabetical index 478

For vehicles with a navigation system, refer to the “Navigation and multimedia system Owner’s Manual” for information regarding the equipment listed below.

- Navigation system
- Toyota parking assist monitor
- Audio/visual system

What to do if... (Troubleshooting)

If you have a problem, check the following before contacting any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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 dealer or repairer, or another duly qualified and equipped professional. (→P. 139)
- If you lose your electronic keys, the risk of vehicle theft increases significantly. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately. (→P. 141)



The doors cannot be locked or unlocked

- Is the electronic key battery weak or depleted? (→P. 351)
- Is the power switch in ON mode?
  When locking the doors, turn the power switch off. (→P. 203)
- 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. 145)

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. 201)
- Is the shift position in P? (→P. 201)
- Is the electronic key anywhere detectable inside the vehicle? (→P. 151)
- Is the electronic key battery weak or depleted?
  In this case, the hybrid system can be started in a temporary way. (→P. 437)
- Is the 12-volt battery discharged? (→P. 439)

The windows do not open or close by operating the power window switches

- Is the window lock switch pressed?
  The power windows except for the one at the driver's seat cannot be operated if the window lock switch is pressed. (→P. 186)

The power switch is turned off automatically

- The auto power off function will be operated if the vehicle is left in ACCESSORY or ON mode (the hybrid system is not operating) for a period of time. (→P. 203)

A warning buzzer sounds during driving

- The seat belt reminder light is flashing
  Are the driver and the front passenger wearing the seat belts? (→P. 381)
- The parking brake indicator is on
  Is the parking brake released? (→P. 214)

Depending on the situation, other types of warning buzzer may also sound. (→P. 376, 388)

An alarm is activated and the horn sounds

- Did anyone inside the vehicle open a door during setting the alarm?
  The sensor detects it and the alarm sounds. (→P. 97)

To stop the alarm, turn the power switch to ON mode or start the hybrid system.

A warning buzzer sounds when leaving the vehicle

- Is the electronic key left inside the vehicle?
  Vehicles without multi-information display: →P. 152
  Vehicles with multi-information display: →P. 402

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. 376, 388.

When a problem has occurred



If you have a flat tire

- Vehicles without a spare tire
  Stop the vehicle in a safe place and repair the flat tire temporarily with the emergency tire puncture repair kit. (→P. 418)
- Vehicles with a spare tire
  Stop the vehicle in a safe place and replace the flat tire with the spare tire. (→P. 404)



The vehicle becomes stuck

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P. 449)

Alphabetical index

A

A/C 270
Air conditioning filter 347
Automatic air conditioning system 270
Climate remote control switches 278
Pollen removal mode 273
ABS (Anti-lock Brake System) 248
Function 248
Warning light 377
Air conditioning filter 347
Air conditioning system 270
Air conditioning filter 347
Automatic air conditioning system 270
Climate remote control switches 278
Pollen removal mode 273
Air intake vent 86
Airbag manual on-off system 56
Airbags 46
Airbag manual on-off system 56
Airbag operating conditions 52
Airbag precautions for your child 48
Airbag warning light 377
Correct driving posture 36
Curtain shield airbag operating conditions 52
Curtain shield airbag precautions 50
General airbag precautions 48
Locations of airbags 46
Modification and disposal of airbags 51
Side airbag operating conditions 52
Side airbag precautions 49
Side and curtain shield airbags operating conditions 52
Side and curtain shield airbags precautions 50
SRS airbags 46

Alarm **97**
Alarm 97
Warning buzzer 376
Anchor brackets **67**
Antenna
Smart entry & start system 151
Anti-lock brake system (ABS) **248**
Function 248
Warning light 377
Approach warning **238**
Assist grips **295**
Audio input*
Audio system*
Automatic air conditioning system
Air conditioning filter 347
Automatic air conditioning system 270
Automatic headlight leveling system **217**
Function 217
Warning light 380
Automatic light control system **216**
AUX port*
Auxiliary boxes **287, 289**

B

Back door **146**
Back-up lights
Replacing light bulbs 362
Wattage 462
Battery (12-volt battery)
Battery checking 327
If the 12-volt battery is discharged 439
Preparing and checking before winter 265
Warning light 376
Battery (traction battery) **85**
Bluetooth®*
Bottle holders **285**
Brake
Fluid 460
Parking brake 214
Regenerative braking 82
Warning light 376
Brake assist **248**
Break-in tips **191**
Brightness control
Instrument cluster light control 112

*: Refer to the “Navigation and multimedia system Owner’s Manual”.

C

Card holder **288**
Care
Aluminum wheels 301
Exterior 300
Interior 305
Panoramic roof 304
Radar sensor 246, 260
Seat belts 306
Cargo hooks **289**
CD player*
Chains **266**
Child restraint system **59**
Baby seat definition 60
Baby seat installation 68
Child seat definition 60
Child seat installation 70
Installing CRS with ISOFIX rigid anchors 74
Installing CRS with seat belt ... 68
Installing CRS with top strap ... 76
Junior seats definition 60
Junior seat installation 72
Child safety **58**
12-volt battery precautions 329
Airbag precautions 48
Back door precautions 148
Child restraint system 59
How your child should wear the seat belt 42
Installing child restraints 67
Power window lock switch 186
Power window precautions ... 188
Rear door child-protectors 145
Removed key battery precautions 352
Seat belt precautions 44
Seat heater precautions 279
Child-protectors **145**
Cleaning
Aluminum wheels 301
Exterior 300
Interior 305
Panoramic roof 304
Radar sensor 246, 260
Seat belts 306
Climate remote control **278**
Clock **293**
Condenser **324**
Console box **284**
Coolant
Capacity 458
Checking 323
Preparing and checking before winter 265
Cooling system **323**
Hybrid system overheating ... 444
Consumption screen **131**
Cruise control
Cruise control 227
Dynamic radar cruise control 231
Warning messages 391
Cup holders **285**
Curtain shield airbags **46**
Customizable features **465**

D

Daytime running light system 216
Defogger
Outside rear view mirrors 273
Rear window 273
Windshield 273
Dimension 452
Display
Drive information 120
Dynamic radar cruise control 231
Energy monitor 120,131
Multi-information display 118
Trip information 113
Warning messages 388
Do-it-yourself maintenance 311
Door courtesy lights 280
Location 280
Wattage 462
Doors
Back door 146
Door glasses 186
Door lock 142
Open door warning buzzer 380
Open door warning light 380
Outside rear view mirrors 184
Rear door child-protectors 145
Side doors 142
Double locking system 96
Drive information 120
Driver's seat belt reminder light 381
Driving
Break-in tips 191
Correct posture 36
Driving in the rain 191
Driving mode select switch ... 247
Hybrid vehicle driving tips 262
Procedures 190
Winter drive tips 265
Dynamic radar cruise control
Function 231
Warning message 391

E

ECB (Electronically Controlled Brake System) 248
Eco drive mode 247
Electric motor
Location 81
Specification 455
Electric Power Steering (EPS)
Function 248
Warning light 377
Electronic key
If the electronic key does not operate properly 437
Replacing the battery 351
Electronically Controlled Brake System (ECB) 248
Emergency brake signal 249
Emergency flashers 368

*: Refer to the "Navigation and multimedia system Owner's Manual".

Emergency, in case of
If a warning buzzer sounds ... 376
If a warning light turns on 376
If a warning message is displayed 388
If the 12-volt battery is discharged 439
If the electronic key does not operate properly 437
If the hybrid system will not start..... 435
If you have a flat tire..... 404, 418
If you lose your keys 141
If you think something is wrong..... 375
If your vehicle becomes stuck 449
If your vehicle has to be stopped in an emergency ... 369
If your vehicle needs to be towed..... 370
If your vehicle overheats 444
Energy monitor 131
Engine
Accessory mode 203
Compartment..... 317
Engine switch..... 201
Exhaust gas precautions 80
Hood 313
How to start the hybrid system..... 201
Identification number 454
If the hybrid system will not start 435
If your vehicle has to be stopped in an emergency ... 369
Ignition switch (power switch) 201
Overheating 444
Power switch..... 201
Engine coolant
Capacity..... 458
Checking..... 323
Preparing and checking before winter..... 265
Engine coolant temperature warning light..... 380

Engine oil
Capacity 455
Checking 319
Oil pressure warning light 377
Preparing and checking before winter 265
Engine switch 201
Auto power off function 203
Changing the power switch modes 203
If your vehicle has to be stopped in an emergency ... 369
Starting the hybrid system 201
Engine switch light (power switch light) 280
EPS (Electronic Power Steering)
Function 248
Warning light 377
EV indicator 114
EV drive mode 206
Exhaust gas precautions 80

F

Flat tire 404, 418
Floor mats 34
Fluid
Brake 460
Transmission 459
Washer 325
Fog lights
Replacing light bulbs 359, 362
Switch 218
Wattage 462
Footwell lights 280
Front doors 142
Front fog lights
Replacing light bulbs 359
Switch 218
Wattage 462
Front passenger's seat belt reminder light 381
Front position lights
Light switch 215
Replacing light bulbs 364
Front seats 165
Adjustment 165
Cleaning 305
Correct driving posture 36
Head restraints 177
Seat heaters 279
Front turn signal lights
Replacing light bulbs 361
Turn signal lever 213
Wattage 462

Fuel
Capacity 455
Fuel gauge 110
Gas station information 496
Information 463
Refueling 224
Type 455
Warning light 380
Fuel filler door 226
Fuses 353

G

Gas station information 496
Gauges 109
Glove box 284

H

Head restraints 177
Headlights 215
Automatic headlight leveling 217
Light switch 215
Replacing light bulbs 364
Heaters
Automatic air conditioning system 270
Outside rear view mirrors 273
Seat heaters 279
High mounted stoplight
Replacing 364
Hill-start assist control 249
Hood 313

Hooks
Cargo hooks 289
Retaining hooks (floor mat) 34
Horn 180
Hybrid battery (traction battery)
Location 85
Specification 455
Hybrid battery (traction battery) air intake vent 86
Hybrid system 81
Emergency shut off system 86
Energy monitor/consumption screen 120,131
EV drive mode 206
High voltage components 85
Hybrid System Indicator 116
Hybrid system precautions 85
Hybrid vehicle driving tips 262
If the hybrid system will not start 435
Overheating 444
Power switch 201
Regenerative braking 82
Starting the hybrid system 201
Hybrid System Indicator 116
Hybrid transmission 208

I

Identification
Engine....454
Vehicle....453
Ignition switch (Power switch)....201
Auto power off function....203
Changing the power switch modes....203
If your vehicle has to be stopped in an emergency....369
Starting the hybrid system....201
Ignition switch light (power switch light)....280
Illuminated entry system....282
Immobilizer system....91
Indicators....104
Initialization
Item to initialize....471
Tire pressure warning system....333
Inside rear view mirror....182
Instrument cluster light control....112
Interior lights....280
Switch....281, 282
Wattage....462
Intrusion sensor....100
ISOFIX rigid anchors....67

J

Jack
Positioning a floor jack....315
Vehicle-equipped jack....405, 419
Jack handle....405, 419
Jam protection function
Panoramic roof shades....296
Power windows....186

K

Keyless entry
Smart entry & start system....151
Wireless remote control....138
Keys....138
Electronic key....138
Engine switch....201
If the electronic key does not operate properly....437
If you lose your keys....141
Key number plate....138
Keyless entry....138
Keys....138
Mechanical key....138
Power switch....201
Replacing the battery....351
Warning buzzer....152
Wireless remote control key....138
Knee airbags....46

L

Language (multi-information display)..... 465
Lever
Auxiliary catch lever..... 313
Hood lock release lever 313
Shift lever..... 208
Turn signal lever 213
Wiper lever..... 219
License plate lights
Light switch 215
Replacing light bulbs..... 363
Wattage..... 462
Light
Door courtesy lights 280
Fog light switch 218
Headlight switch..... 215
Illuminated entry system 282
Interior lights 281, 282
Interior light list..... 280
Luggage compartment light..... 147
Personal lights 281
Power switch light 280
Replacing light bulbs..... 357
Shift lever light 280
Turn signal lever 213
Vanity lights..... 292
Wattage..... 462
Light bulbs
Replacing..... 357
Wattage..... 462
Luggage cover 290

M

Maintenance
Do-it-yourself maintenance... 311
Maintenance data 452
Maintenance requirements ... 308
Malfunction indicator lamp..... 377
Meter
Indicators 104
Instrument cluster light control..... 112
Meters..... 109
Multi-information display 118
Warning lights 376
Warning messages..... 388
Microphone*
Mirrors
Inside rear view mirror 182
Outside rear view mirror defoggers 273
Outside rear view mirrors..... 184
Vanity mirrors..... 292
MP3 disc*
Multimedia system*
Multi-information display
Drive information..... 120
Dynamic radar cruise control..... 231
Energy monitor 120
Language..... 465
Warning messages..... 388

N

Navigation system*

O

Odometer 111
Oil
Engine oil 455
Opener
Fuel filler door 226
Hood 313
Outside rear view mirrors 184
Adjustment 184
Folding 184
Outside rear view mirror defoggers 273
Outside temperature display 275
Overhead console 287
Overheating 444
Overheating, Engine 444

P

P position switch 209
Parking brake
Operation 214
Parking brake engaged warning buzzer 382
Parking lock 209
PCS (Pre-Crash Safety system)
Function 254
PCS switch 255
Warning light 378
Warning message 391, 392
Personal lights 280
Switch 281
Wattage 462
Pollen removal mode 273
Power control unit coolant
Capacity 458
Checking 323
Preparing and checking before winter 265
Radiator 324
Power outlets 294
Power steering (Electric Power Steering system) 248
Warning light 377

*: Refer to the “Navigation and multimedia system Owner’s Manual”.

Power switch **201**
Auto power off function 203
Changing the power switch modes 203
If your vehicle has to be stopped in an emergency ... 369
Starting the hybrid system 201
Power switch light **280**
Power windows
Jam protection function 186
Operation 186
Window lock switch 186
Pre-Crash Safety system (PCS)
Function 254
PCS switch 255
Warning light 378
Warning message 391, 392

R

Radar cruise control (dynamic radar cruise control) **231**
Radiator **324**
Radio*
Rear door sunshades **298**
Rear fog light
Replacing light bulbs 362
Switch 218
Wattage 462
Rear passenger's seat belt reminder light **381**
Rear seat **169, 174**
Adjustment 169, 174
Second seats 169
Third seats 174
Rear sunshade **298**
Rear turn signal lights
Replacing light bulbs 362
Turn signal lever 213
Wattage 462
Rear view mirror
Inside rear view mirror 182
Outside rear view mirrors 184
Rear view monitor system*
Rear window defogger **273**
Rear window wiper **223**
Refueling **224**
Capacity 455
Fuel types 455
Opening the fuel tank cap 226
Regenerative braking **82**
Replacing
Electronic key battery 351
Fuses 353
Light bulbs 357
Tires 404, 418
Road accident cautions **89**

S

Seat belts 38
- Adjusting the seat belt 41
- Child restraint system installation 68
- Cleaning and maintaining the seat belt 306
- Emergency Locking Retractor 42
- How to wear your seat belt 36
- How your child should wear the seat belt 42
- Pregnant women, proper seat belt use 44
- Reminder light and buzzer 381
- Seat belt pretensioners 41
- SRS warning light 377

Seat heaters 279

Seats
- Adjustment 165, 169, 174
- Adjustment precautions 167
- Child seats/child restraint system installation 59, 67
- Cleaning 305
- Front seats 165
- Head restraint 177
- Properly sitting in the seat 36
- Seat heaters 279
- Second seats 169
- Third seats 174

Sensor
- Automatic headlight system 216
- Inside rear view mirror 183
- Radar sensor 240, 256

Service reminder indicators 104

Shift lever 208

Shift lever light 280

Side airbags 46

Side doors 142

Side mirrors 184
- Adjustment 184
- Folding 184
- Heaters 273

Side turn signal lights
- Replacing light bulbs 364
- Turn signal lever 213

Smart entry & start system 151
- Antenna location 151
- Entry functions 142
- Starting the hybrid system 201
- Warning message 400

Snow tires 265

Spare tire
- Inflation pressure 461
- Storage location 405

Spark plug 458

Specifications 452

Speech command system*

Speedometer 110

SRS airbags 46

*: Refer to the “Navigation and multimedia system Owner’s Manual”.

Steering wheel
Adjustment 180
Audio switches*
DISP button..... 113
Meter control switches 118
Telephone switches*
TRIP button..... 112
Stop/tail lights 364
Storage feature 283
Storage precautions 283
Stuck
If the vehicle becomes stuck 449
Sun visors 292
Sunshade
Panoramic roof shades 296
Rear door 298
Switch
Audio remote control switches*
Climate remote control switches..... 278
Clock adjustment buttons..... 293
Cruise control switch..... 227, 231
DISP button..... 113
Door lock switch..... 144
Driving mode select switch ... 247
Emergency flashers switch ... 368
Engine switch..... 201
EV drive mode switch 206
Fog light switch 218
Intrusion sensor cancel switch 100
Ignition switch 201
Light switches 215
Meter control switches 118
MPH or km/h button..... 111
Outside rear view mirror switches..... 184
Panoramic roof shades..... 296
PCS switch 255
Power door lock switch 144
Power switch..... 201
Power window switch..... 186
Rear window wiper and washer switch..... 223
Rear window and outside rear view mirror defoggers switch 273
Seat heater switches 279
Talk switch*
Telephone switches*
Tire pressure warning reset switch 333
TRIP button..... 112
Vehicle-to-vehicle distance button 234
Window lock switch..... 186
Windshield wipers and washer switch..... 219

T

Tail lights
Light switch 215
Replacing light bulbs..... 364
Talk switch*
Telephone switch*
Theft deterrent system
Alarm..... 97
Double locking system..... 96
Immobilizer system 91
Intrusion sensor 100
Tire inflation pressure
Maintenance data 461
Warning light..... 381
Tire pressure warning system
Function 332
Initializing 332
Installing tire pressure warning valves and transmitters..... 332
Registering ID codes..... 333
Tire pressure warning reset switch..... 333
Warning light..... 381
Tires 331
Chains..... 266
Checking..... 331
If you have a flat tire 404, 418
Inflation pressure 343
Replacing..... 404
Rotating tires..... 331
Size..... 461
Snow tires 265
Spare tire 404, 461
Tire pressure warning system..... 332
Warning light..... 381
Tools 405, 419
Top strap 76
Towing
Emergency towing 370
Towing eyelet..... 372
Trailer towing 200
Traction control 248
Trailer towing 200
Transmission
Driving mode select switch ... 247
Hybrid transmission 208
P position switch 209
Selecting a driving mode 247
TRC (Traction Control)
Function..... 248
Trip information 113
Trip meters 111
Troubleshooting 474
Turn signal lights
Replacing light bulbs..... 361, 362
Turn signal lever 213
Wattage 462

*: Refer to the “Navigation and multimedia system Owner’s Manual”.

U

USB memory*
USB port*

V

Vanity lights
Vanity lights....292
Wattage....462
Vanity mirrors....292
Vanity lights....292
Wattage....462
Vehicle identification number....453
Vehicle Stability Control (VSC)....248
VSC (Vehicle Stability Control)....248

W

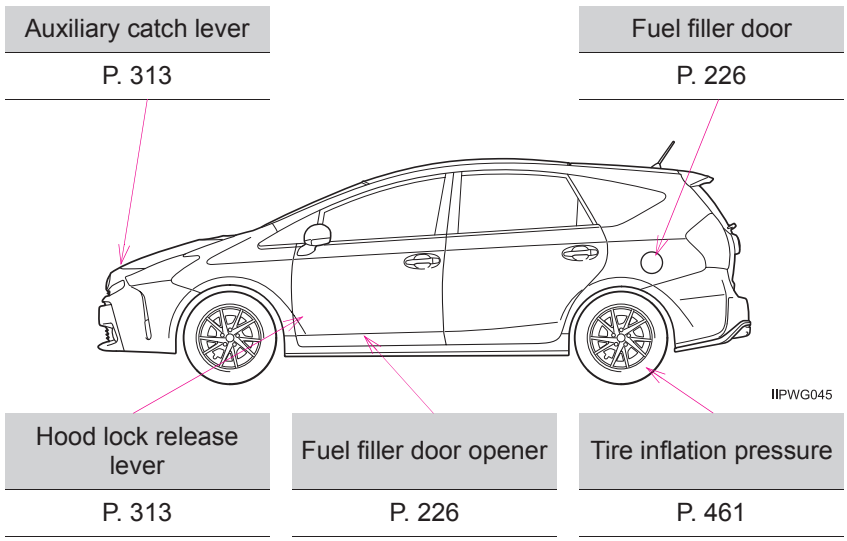
Warning buzzers
Approach warning....238
Brake system....376
Downshifting....210
Driver's seat belt reminder....381
Front passenger's seat belt reminder....381
Open door....380
Pre-crash warning....254
Radar cruise control....238
Seat belt reminder....381

Warning lights
ABS....377
Automatic headlight leveling system....380
Brake system....376
Charging system....376
Cruise control....380
Driver's seat belt reminder....381
Electronic engine control system....377
Electric power steering....377
Front passenger's seat belt reminder....381
Go to service....382
High coolant temperature....380
Hybrid battery indicator....379
Hybrid system....377
Hybrid system overheat....380
LED headlight....379
Low engine oil pressure....377
Low fuel level....380
Low hybrid battery (traction battery)....380
Malfunction indicator lamp....377
Master warning light....381
Open door....380
Parking lock system....378, 379
P position request indicator....379
PCS....378
Rear passenger's seat belt reminder....381
Seat belt reminder light....381
Slip indicator....378
SRS....377
Tire pressure....381

Warning messages 388
Washer
Checking 325
Preparing and checking before winter 265
Switch 219, 223
Washing and waxing 300
What to do if... (Troubleshooting) 474
Wheels 345
Replacing wheels 404
Size 461
Window glasses 186
Window lock switch 186
Windows
Power windows 186
Rear window defogger 273
Washer 219, 223
Windshield wipers 219
Winter driving tips 265
Wireless communication*
Wireless remote control key 138
Locking/Unlocking 138
Replacing the battery 351
WMA disc*

*: Refer to the “Navigation and multimedia system Owner’s Manual”.

GAS STATION INFORMATION



Fuel tank capacity (Reference)	45 L (11.9 gal., 9.9 Imp.gal.)
Fuel type	EU area: Unleaded gasoline conforming to European standard EN228 only Except EU area: Unleaded gasoline only P. 455
Cold tire inflation pressure	P. 461
Engine oil capacity (Drain and refill — reference)	With filter 4.2 L (4.4 qt., 3.7 Imp.qt.) Without filter 3.9 L (4.1 qt., 3.4 Imp.qt.)
Engine oil type	Toyota Genuine Motor Oil or equivalent Oil grade: 0W-20, 5W-30 and 10W-30: API grade SL “Energy-Conserving”, SM “Energy-Conserving” or SN “Resource-Conserving”; or ILSAC multigrade engine oil 15W-40: API grade SL, SM or SN multigrade engine oil P. 455