	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	**Audio system**	Operating the audio system
6	**Interior features**	Usage of the interior features, etc.
7	**Maintenance and care**	Caring for your vehicle and maintenance procedures
8	**When trouble arises**	What to do in case of malfunction or emergency
9	**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.....32
For safety drive 34
Seat belts.....36
SRS airbags.....43
Exhaust gas precautions 55

1-2. Child safety
Airbag manual on-off system 56
Riding with children.....59
Child restraint systems 60

1-3. Hybrid system
Hybrid system features 86
Hybrid system precautions 90

1-4. Theft deterrent system
Immobilizer system 96
Double locking system.....104

2 Instrument cluster

2. Instrument cluster
Warning lights and indicators..... 108
Gauges and meters (vehicles with monochrome display)..... 114
Gauges and meters (vehicles with color display)..... 117
Multi-information display (vehicles with monochrome display)..... 121
Multi-information display (vehicles with color display)..... 125
Energy monitor/ consumption screen..... 133

3 Operation of each component

3-1. Key information
Keys 140

3-2. Opening, closing and locking the doors
Side doors 152
Back door 159
Smart entry & start system..... 164

3-3. Adjusting the seats
Front seats.....182
Rear seats 184
Head restraints 188
3-4. Adjusting the steering wheel and mirrors
Steering wheel.....191
Inside rear view mirror 193
Outside rear view mirrors 196
3-5. Opening and closing the windows
Power windows.....199

4 **Driving**

4-1. Before driving
Driving the vehicle 204
Cargo and luggage 213
Trailer towing 215
4-2. Driving procedures
Power (ignition) switch (vehicles without a smart entry & start system).....216
Power (ignition) switch (vehicles with a smart entry & start system).....220
EV drive mode 229
Hybrid transmission 232
Turn signal lever 236
Parking brake.....237
4-3. Operating the lights and wipers
Headlight switch 238
Fog light switch 244
Windshield wiper and washer 246
Rear window wiper and washer 250
4-4. Refueling
Opening the fuel tank cap 252
4-5. Toyota Safety Sense
Toyota Safety Sense..... 255
PCS (Pre-Crash Safety system) 262
LDA (Lane Departure Alert) 279
Automatic High Beam 287
RSA (Road Sign Assist).... 293
4-6. Using the driving support systems
Cruise control 299
Driving assist systems..... 303
4-7. Driving tips
Hybrid vehicle driving tips 310
Winter driving tips..... 313

5 Audio system

5-1. Basic Operations
Audio system types.....320
Steering wheel audio switches.....322
AUX port/USB port.....323

5-2. Using the audio system
Optimal use of the audio system 324

5-3. Using the radio
Radio operation 326

5-4. Playing audio CDs and MP3/WMA discs
CD player operation.....330

5-5. Using an external device
Listening to an iPod 339
Listening to a USB memory device 347
Using the AUX port 353

5-6. Using Bluetooth® devices
Bluetooth® audio/phone.....354
Using the steering wheel switches 360
Registering a Bluetooth® device 361

5-7. "SETUP" menu
Using the "SETUP" menu ("Bluetooth*" menu)..... 362
Using the "SETUP" menu ("Phone" menu)..... 367

5-8. Bluetooth® Audio
Operating a Bluetooth® enabled portable player 371

5-9. Bluetooth® Phone
Making a phone call 374
Receiving a phone call..... 376
Speaking on the phone 377

5-10. Bluetooth®
Bluetooth® 379

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

6 Interior features

6-1. Using the air conditioning system and defogger
Automatic air conditioning system 386
Seat heaters 396
6-2. Using the interior lights
Interior lights list.....398
• Interior light.....398
• Personal lights.....399
6-3. Using the storage features
List of storage features 400
• Glove box 401
• Cup holders 402
• Bottle holders 403
• Auxiliary box 403
Luggage compartment features.....404
6-4. Using the other interior features
Other interior features.....407
• Sun visors.....407
• Vanity mirrors 407
• Portable ashtray 408
• Cigarette lighter 409
• Power outlet 410
• Armrest.....411
• Panoramic roof shade ...411
• Assist grips 412

7 Maintenance and care

7-1. Maintenance and care
Cleaning and protecting the vehicle exterior..... 414
Cleaning and protecting the vehicle interior..... 419
7-2. Maintenance
Maintenance requirements 427
7-3. Do-it-yourself maintenance
Do-it-yourself service precautions 430
Hood..... 433
Positioning a floor jack 435
Engine compartment 437
12-volt battery 445
Tires 451
Tire inflation pressure..... 468
Wheels 470
Air conditioning filter..... 474
Wireless remote control/ electronic key battery 477
Checking and replacing fuses 481
Light bulbs..... 486

8 When trouble arises

8-1. Essential information

Emergency flashers 506

If your vehicle has to be stopped in an emergency 507

8-2. Steps to take in an emergency

If your vehicle needs to be towed 509

If you think something is wrong 516

If a warning light turns on or a warning buzzer sounds 517

If a warning message is displayed (vehicles with color display) 531

If you have a flat tire (vehicles with an emergency tire puncture repair kit).....537

If you have a flat tire (vehicles with a spare tire) 556

If the hybrid system will not start 571

If the electronic key does not operate properly (vehicles with a smart entry & start system) 573

If the vehicle 12-volt battery is discharged 576

If your vehicle overheats ... 581

If the vehicle becomes stuck..... 587

9 Vehicle specifications

9-1. Specifications
Maintenance data (fuel, oil level, etc.).....590
Fuel information 601

9-2. Customization
Customizable features 603

9-3. Items to initialize
Items to initialize 610

Index

What to do if... (Troubleshooting) 612
Alphabetical index 616

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

- Navigation system
- Hands-free system (for cellular phone)
- Rear view monitor system
- Audio system

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

For your information

Main Owner's Manual

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

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

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

Accessories, spare parts and modification of your Toyota

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

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
- Cruise control system (if equipped)
- Anti-lock brake system
- SRS airbag system
- Seat belt pretensioner system

Be sure to check with any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for precautionary measures or special instructions regarding installation of an RF-transmitter system.

Further information regarding frequency bands, power levels, antenna positions and installation provisions for the installation of RF-transmitters, is available on request at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

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

Scrapping of your Toyota

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

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 cigarette lighter, the windows, the panoramic roof shade, 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

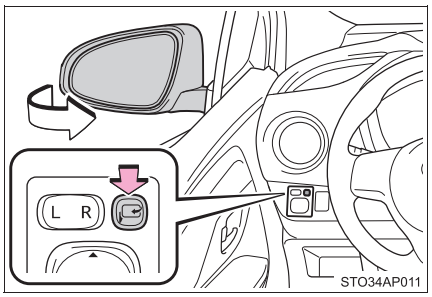
WARNING:
Explains something that, if not obeyed, could cause death or serious injury to people.

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.

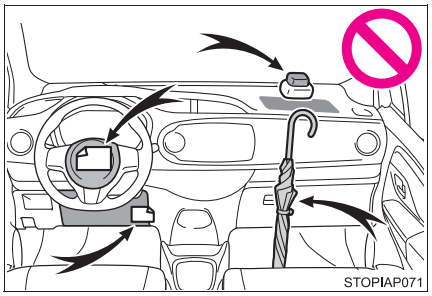
Indicates the action (pushing, turning, etc.) used to operate switches and other devices.

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



Indicates the component or position being explained.

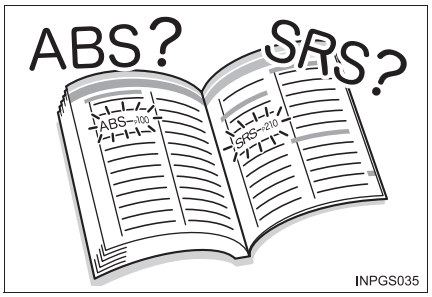
Means “Do not”, “Do not do this”, or “Do not let this happen”.



How to search

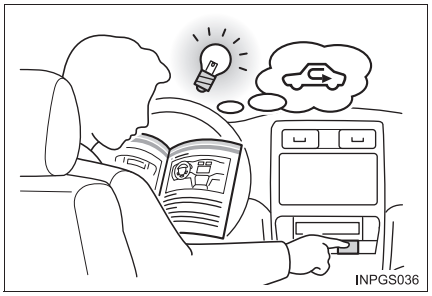
■ **Searching by name**

• Alphabetical index ..... P. 616



■ **Searching by installation position**

• Pictorial index ..... P. 14



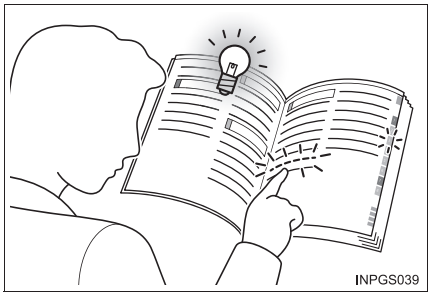
■ **Searching by symptom or sound**

• What to do if... (Troubleshooting) ..... P. 612



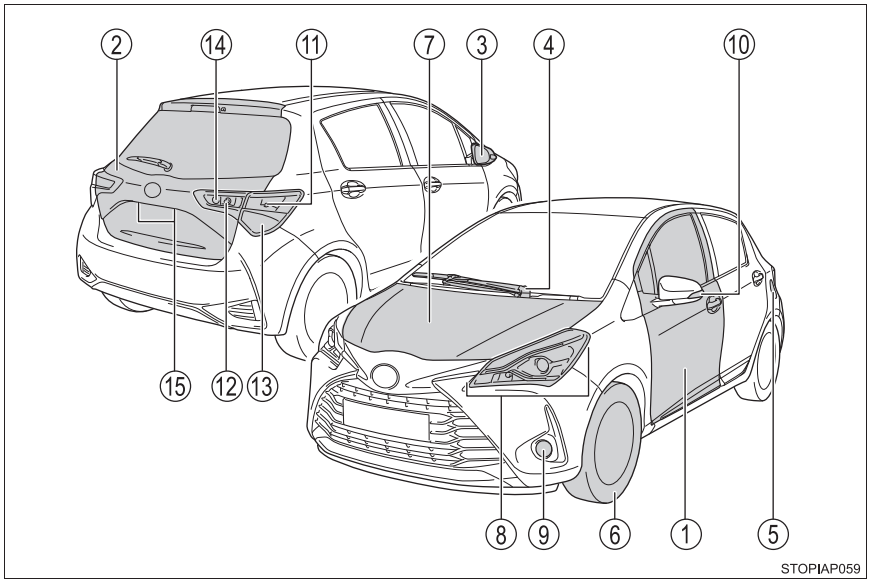
■ **Searching by title**

• Table of contents ..... P. 2



Pictorial index

Exterior



① **Side doors . . . . . P. 152**
Locking/unlocking . . . . . P. 152
Opening/closing the side windows . . . . . P. 199
Locking/unlocking by using the mechanical key*1 . . . . . P. 573
Warning lights*2 . . . . . P. 521

② **Back door . . . . . P. 159**
Locking/unlocking . . . . . P. 159
Warning lights*2 . . . . . P. 521

③ **Outside rear view mirrors . . . . . P. 196**
Adjusting the mirror angle . . . . . P. 196
Folding the mirrors . . . . . P. 197
Defogging the mirrors*3 . . . . . P. 390

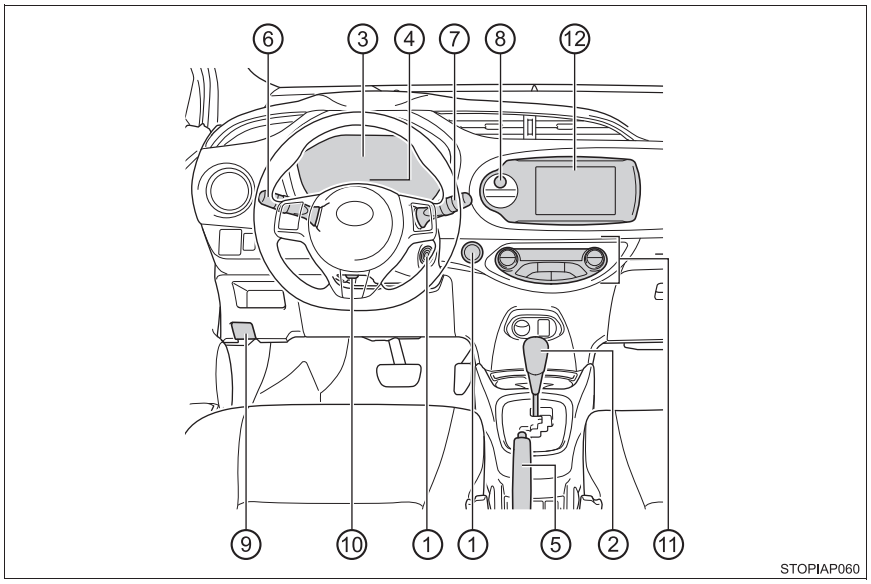
④ **Wipers . . . . . P. 246, 250**
Precautions against winter season . . . . . P. 313
Precautions against car wash . . . . . P. 416
⑤ **Fuel filler door . . . . . P. 252**
Refueling method . . . . . P. 252
Fuel type/fuel tank capacity . . . . . P. 592
⑥ **Tires . . . . . P. 451**
Tire size/inflation pressure . . . . . P. 598
Winter tires/tire chain . . . . . P. 313
Checking/rotation/tire pressure warning system*3 . . . . . P. 451
Coping with flat tires . . . . . P. 537, 556
⑦ **Hood . . . . . P. 433**
Opening . . . . . P. 433
Engine oil . . . . . P. 593
Coping with overheat . . . . . P. 581

Light bulbs of the exterior lights for driving
(Replacing method: P. 486, Watts: P. 600)

⑧ **Headlights/front position lights/daytime running lights/ front turn signal lights . . . . . P. 236, 238**
⑨ **Front fog lights*3 . . . . . P. 244**
⑩ **Side turn signal lights . . . . . P. 236**
⑪ **Rear turn signal lights . . . . . P. 236**
⑫ **Back-up lights/tail lights (LED type) . . . . . P. 238**
Shifting the shift lever to R . . . . . P. 232
⑬ **Stop/tail lights . . . . . P. 238**
⑭ **Rear fog light . . . . . P. 244**
⑮ **License plate lights . . . . . P. 238**

*1: Vehicles with a smart entry & start system
*2: Vehicles with monochrome display
*3: If equipped

Instrument panel (Left-hand drive vehicles)



① **Power switch . . . . . P. 216, 220**
Starting the hybrid system . . . . . P. 216, 220
Changing power switch positions/modes . . . . . P. 217, 222
Emergency stop of the hybrid system . . . . . P. 507
When the hybrid system will not start . . . . . P. 571
Warning lights*1, 2/warning messages*1, 3 . . . . . P. 529, 531

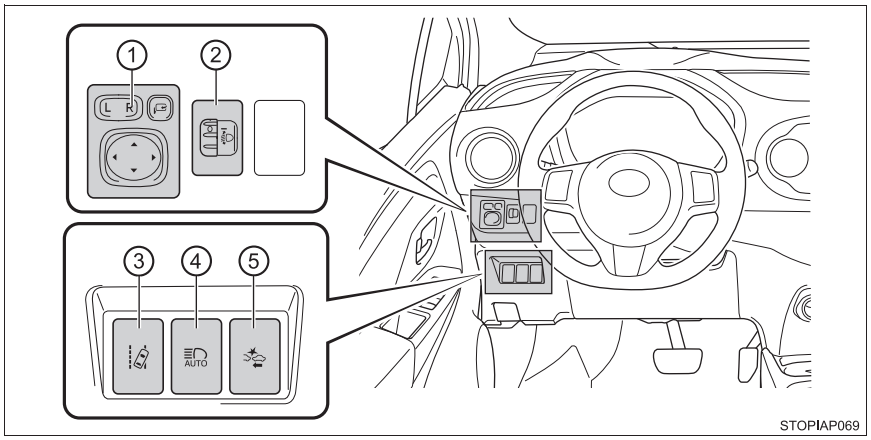
② **Shift lever . . . . . P. 232**
Changing the shift position . . . . . P. 232
Precautions against towing . . . . . P. 509
When the shift lever does not move . . . . . P. 234

③ **Meters . . . . . P. 114, 117**
Reading the meters . . . . . P. 114, 117
Adjusting the instrument cluster light . . . . . P. 115, 118
Warning lights/indicators . . . . . P. 108
When the warning lights come on . . . . . P. 517

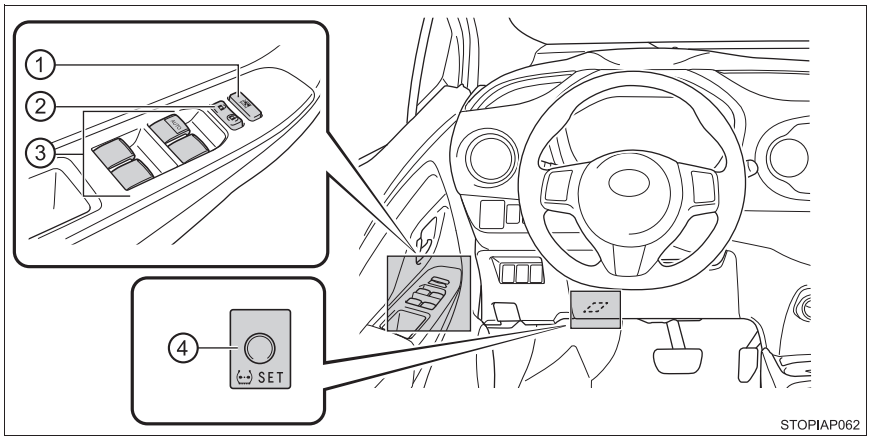
④ **Multi-information display . . . . . P. 121, 125**
If a warning message or indicator is displayed*3 . . . . . P. 531
⑤ **Parking brake . . . . . P. 237**
Applying/releasing . . . . . P. 237
Precautions against winter season . . . . . P. 314
Warning buzzer . . . . . P. 517
⑥ **Turn signal lever . . . . . P. 236**
Headlight switch . . . . . P. 238
Headlights/front position lights/tail lights/ daytime running lights . . . . . P. 238
Front fog lights*4/rear fog light . . . . . P. 244
⑦ **Wiper and washer switch . . . . . P. 246, 250**
Usage (front) . . . . . P. 246
Usage (rear)*4 . . . . . P. 250
Adding washer fluid . . . . . P. 443
⑧ **Emergency flasher switch . . . . . P. 506**
⑨ **Hood lock release lever . . . . . P. 433**
⑩ **Tilt and telescopic steering lock release lever . . . . . P. 191**
⑪ **Air conditioning system . . . . . P. 386**
Usage . . . . . P. 386
Rear window defogger . . . . . P. 390
⑫ **Audio system*4 . . . . . P. 320**
Navigation/Multimedia system*4, 5

*1: Vehicles with a smart entry & start system
*2: Vehicles with monochrome display
*3: Vehicles with color display
*4: If equipped
*5: Refer to “Navigation and multimedia system Owner’s manual”.

Switches (Left-hand drive vehicles)

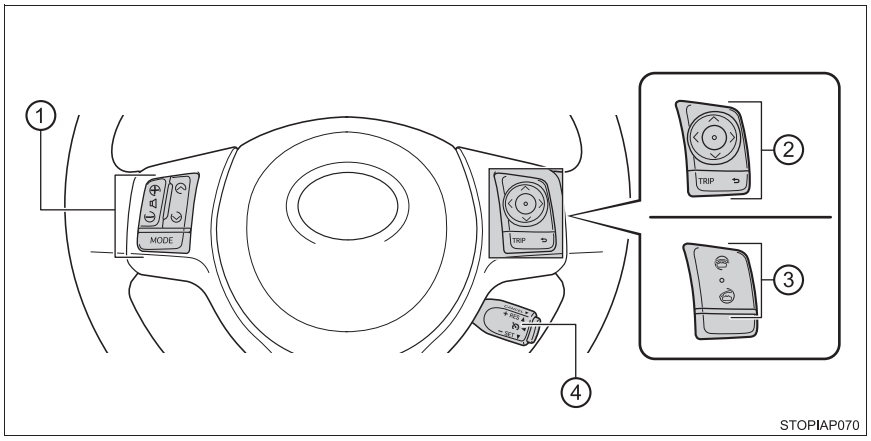


① **Outside rear view mirror switches*** . . . . . **P. 196**
② **Manual headlight leveling dial** . . . . . **P. 240**
③ **LDA (Lane Departure Alert) switch*** . . . . . **P. 280**
④ **Automatic high beam switch*** . . . . . **P. 287**
⑤ **PCS (Pre-Crash Safety system) switch*** . . . . . **P. 266**

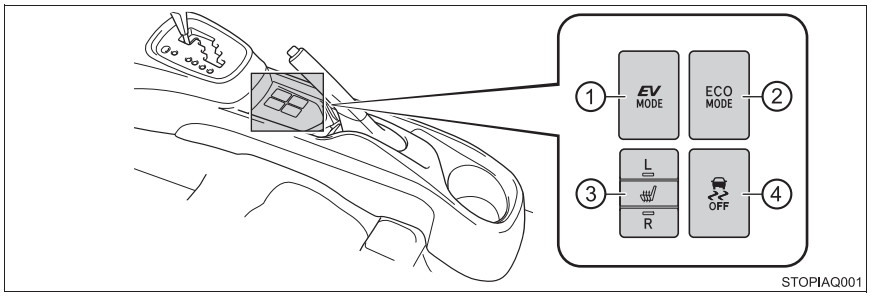


① **Window lock switch** . . . . . **P. 199**
② **Door lock switch** . . . . . **P. 156**
③ **Power window switches** . . . . . **P. 199**
④ **Tire pressure warning reset switch*** . . . . . **P. 454**

*: If equipped



① **Audio remote control switches** . . . . . **P. 322**
② **Meter control switches*1** . . . . . **P. 118, 126**
③ **Telephone switch*1, 2** . . . . . **P. 360**
④ **Cruise control switch*1** . . . . . **P. 299**

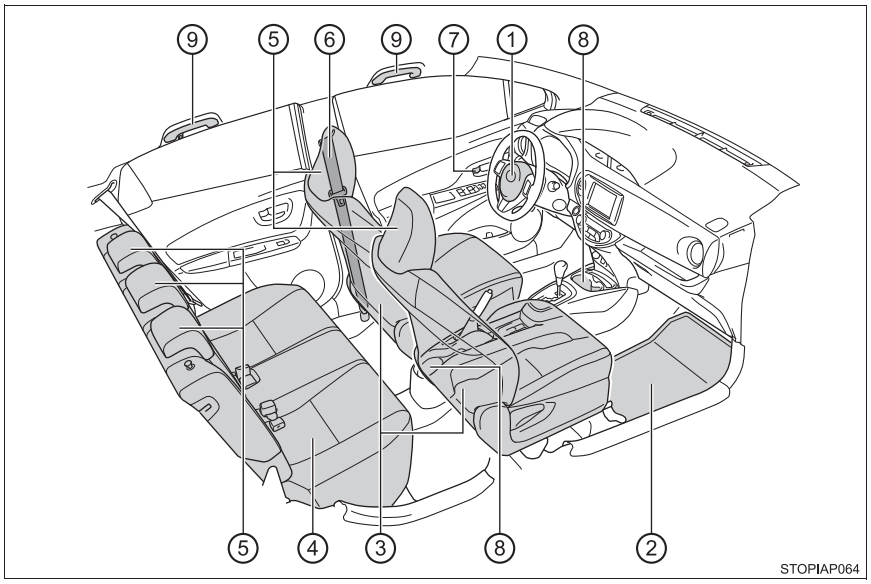


① **"EV MODE" switch** . . . . . **P. 229**
② **"ECO MODE" switch** . . . . . **P. 233**
③ **Seat heater switches*1** . . . . . **P. 396**
④ **VSC OFF switch** . . . . . **P. 304**

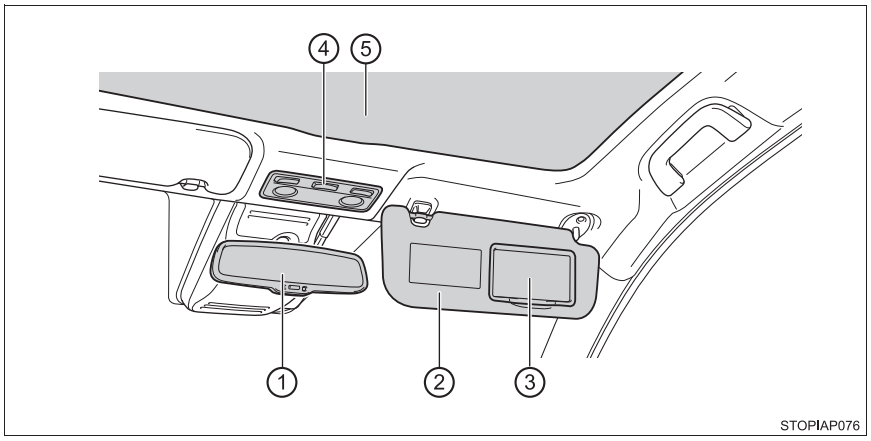
*1: If equipped

*2: For vehicles with navigation/multimedia system, refer to "Navigation and multimedia system Owner's manual".

Interior (Left-hand drive vehicles)



① **SRS airbags** . . . . . **P. 43**
② **Floor mats** . . . . . **P. 32**
③ **Front seats** . . . . . **P. 182**
④ **Rear seats** . . . . . **P. 184**
⑤ **Head restraints** . . . . . **P. 188**
⑥ **Seat belts** . . . . . **P. 36**
⑦ **Inside lock buttons** . . . . . **P. 156**
⑧ **Cup holders** . . . . . **P. 402**
⑨ **Assist grips** . . . . . **P. 412**



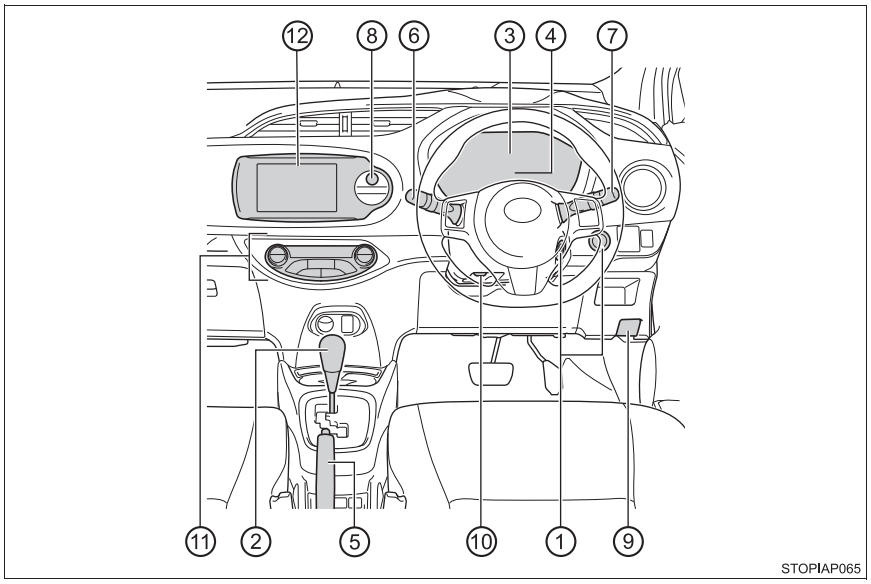
① **Inside rear view mirror** . . . . . **P. 193**
② **Sun visors*1** . . . . . **P. 407**
③ **Vanity mirrors** . . . . . **P. 407**
④ **Interior light/personal lights** . . . . . **P. 398, 399**
⑤ **Panoramic roof shade*2** . . . . . **P. 411**

*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. 67)

*2: If equipped



Instrument panel (Right-hand drive vehicles)



① **Power switch . . . . . P. 216, 220**
Starting the hybrid system . . . . . P. 216, 220
Changing power switch positions/modes . . . . . P. 217, 222
Emergency stop of the hybrid system . . . . . P. 507
When the hybrid system will not start . . . . . P. 571
Warning lights*1, 2/warning messages*1, 3 . . . . . P. 529, 531

② **Shift lever . . . . . P. 232**
Changing the shift position . . . . . P. 232
Precautions against towing . . . . . P. 509
When the shift lever does not move . . . . . P. 234

*1: Vehicles with a smart entry & start system
*2: Vehicles with monochrome display
*3: Vehicles with color display

③ **Meters . . . . . P. 114, 117**
Reading the meters . . . . . P. 114, 117
Adjusting the instrument cluster light . . . . . P. 115, 118
Warning lights/indicators . . . . . P. 108
When the warning lights come on . . . . . P. 517

④ **Multi-information display . . . . . P. 121, 125**
If a warning message or indicator is displayed*1 . . . . . P. 531

⑤ **Parking brake . . . . . P. 237**
Applying/releasing . . . . . P. 237
Precautions against winter season . . . . . P. 314
Warning buzzer . . . . . P. 517

⑥ **Turn signal lever . . . . . P. 236**
Headlight switch . . . . . P. 238
Headlights/front position lights/tail lights/
daytime running lights . . . . . P. 238
Front fog lights*2/rear fog light . . . . . P. 244

⑦ **Wiper and washer switch . . . . . P. 246, 250**
Usage (front) . . . . . P. 246
Usage (rear)*2 . . . . . P. 250
Adding washer fluid . . . . . P. 443

⑧ **Emergency flasher switch . . . . . P. 506**

⑨ **Hood lock release lever . . . . . P. 433**

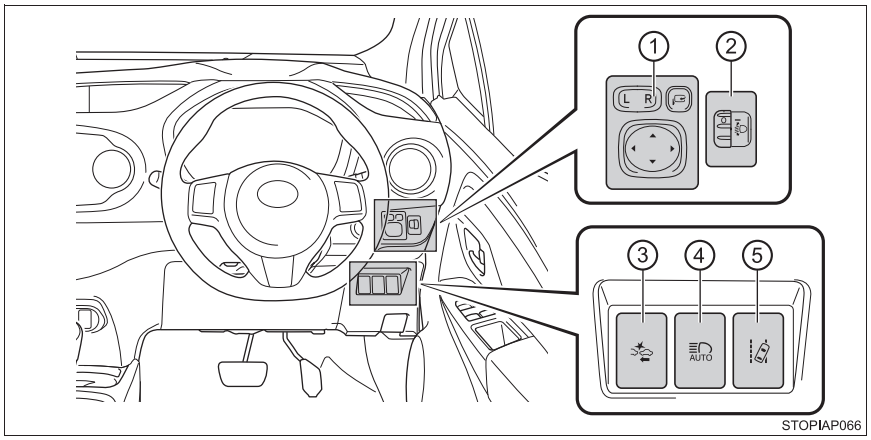
⑩ **Tilt and telescopic steering lock release lever . . . . . P. 191**

⑪ **Air conditioning system . . . . . P. 386**
Usage . . . . . P. 386
Rear window defogger . . . . . P. 390

⑫ **Audio system*2 . . . . . P. 320**
Navigation/Multimedia system*2, 3

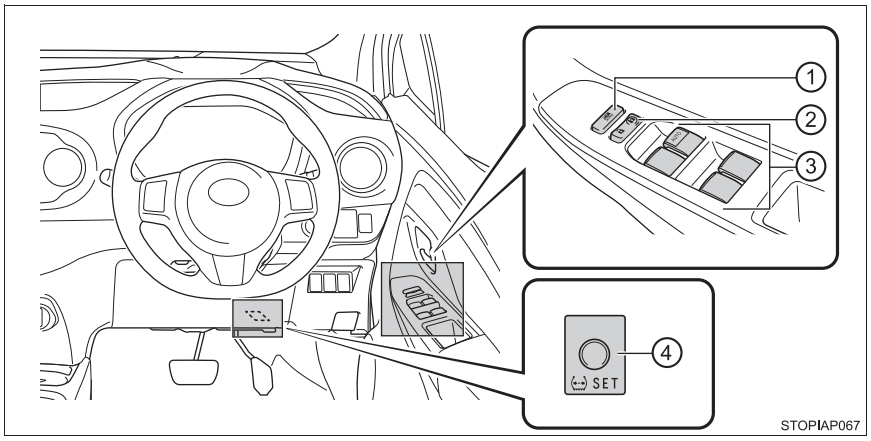
*1: Vehicles with color display
*2: If equipped
*3: Refer to “Navigation and multimedia system Owner’s manual”.

Switches (Right-hand drive vehicles)

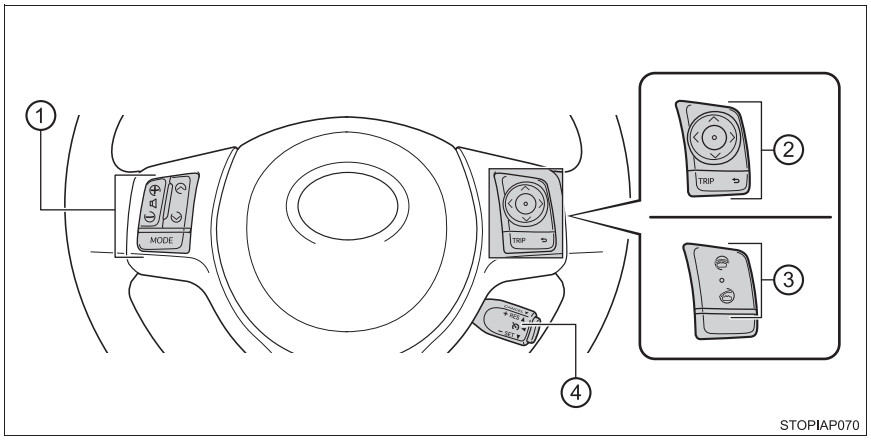


① **Outside rear view mirror switches*** . . . . . **P. 196**
② **Manual headlight leveling dial** . . . . . **P. 240**
③ **PCS (Pre-Crash Safety system) switch*** . . . . . **P. 266**
④ **Automatic high beam switch*** . . . . . **P. 287**
⑤ **LDA (Lane Departure Alert) switch*** . . . . . **P. 280**

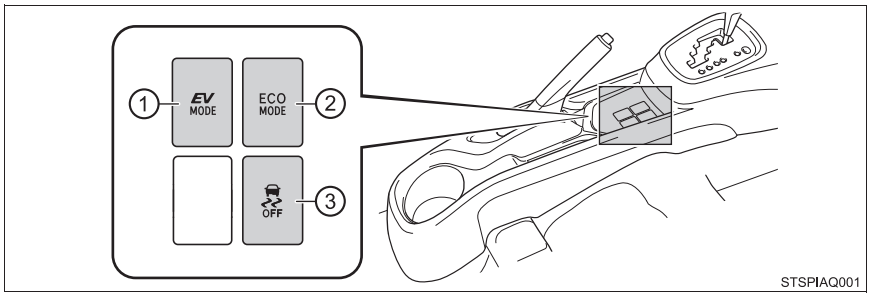
*: If equipped



① **Window lock switch** . . . . . **P. 199**
② **Door lock switch** . . . . . **P. 156**
③ **Power window switches** . . . . . **P. 199**
④ **Tire pressure warning reset switch*1** . . . . . **P. 454**



① **Audio remote control switches** . . . . . **P. 322**
② **Meter control switches*1** . . . . . **P. 118, 126**
③ **Telephone switch*1, 2** . . . . . **P. 360**
④ **Cruise control switch*1** . . . . . **P. 299**

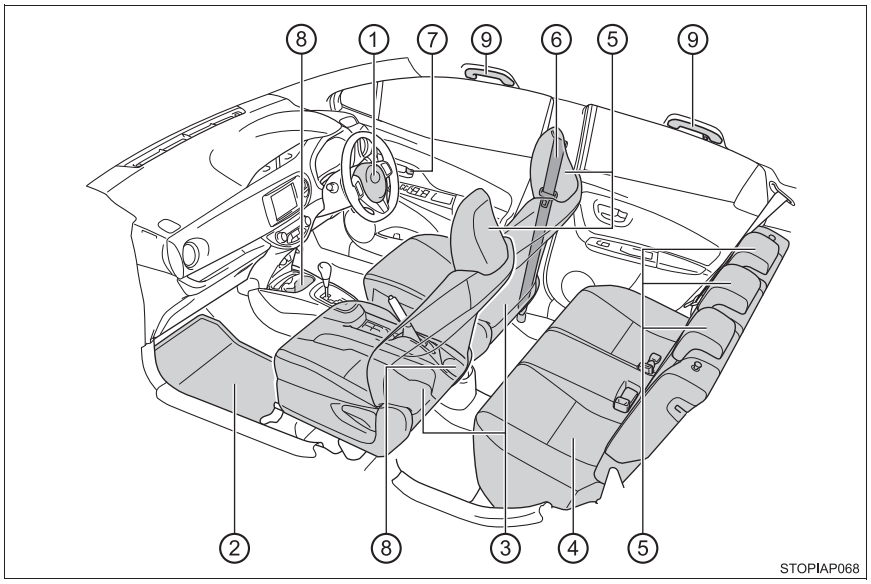


① **"EV MODE" switch** . . . . . **P. 229**
② **"ECO MODE" switch** . . . . . **P. 233**
③ **VSC OFF switches** . . . . . **P. 304**

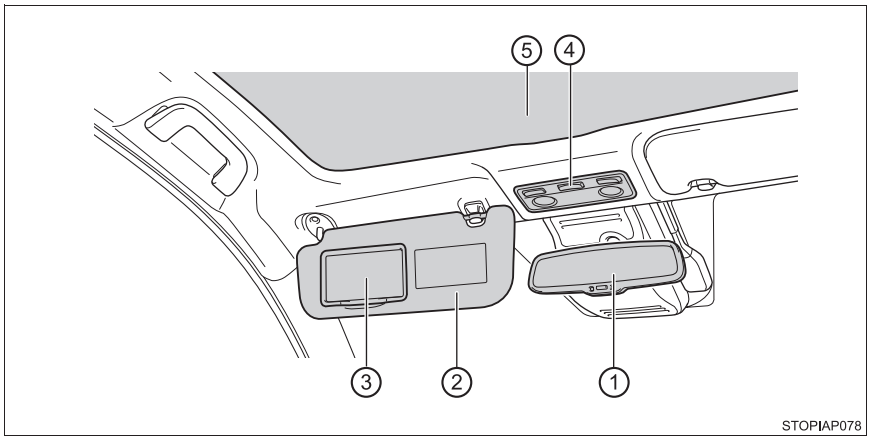
*1: If equipped

*2: For vehicles with navigation/multimedia system, refer to "Navigation and multimedia system Owner's manual".

Interior (Right-hand drive vehicles)



① **SRS airbags** . . . . . **P. 43**
② **Floor mats** . . . . . **P. 32**
③ **Front seats** . . . . . **P. 182**
④ **Rear seats** . . . . . **P. 184**
⑤ **Head restraints** . . . . . **P. 188**
⑥ **Seat belts** . . . . . **P. 36**
⑦ **Inside lock buttons** . . . . . **P. 156**
⑧ **Cup holders** . . . . . **P. 402**
⑨ **Assist grips** . . . . . **P. 412**



① **Inside rear view mirror** . . . . . **P. 193**
② **Sun visors*1** . . . . . **P. 407**
③ **Vanity mirrors** . . . . . **P. 407**
④ **Interior light/personal lights** . . . . . **P. 398, 399**
⑤ **Panoramic roof shade*2** . . . . . **P. 411**

*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. 67)

*2: If equipped



For safety and security 1

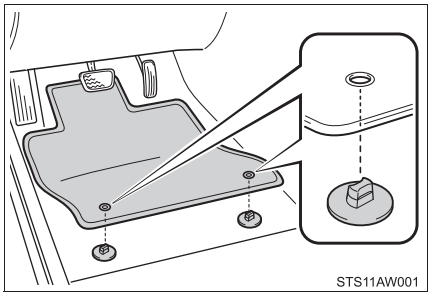
1-1. For safe use
Before driving.....32
For safety drive.....34
Seat belts.....36
SRS airbags.....43
Exhaust gas precautions 55
1-2. Child safety
Airbag manual on-off system 56
Riding with children.....59
Child restraint systems 60
1-3. Hybrid system
Hybrid system features.....86
Hybrid system precautions.....90
1-4. Theft deterrent system
Immobilizer system.....96
Double locking system.....104

Before driving

Floor mat

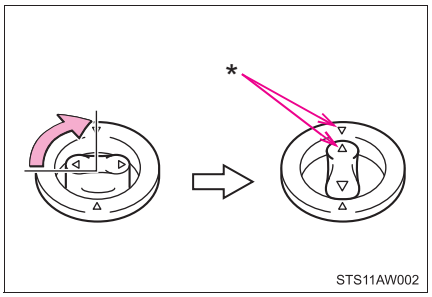
Use only floor mats designed specifically for vehicles of the same model and model year as your vehicle. Fix them securely in place onto the carpet.

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

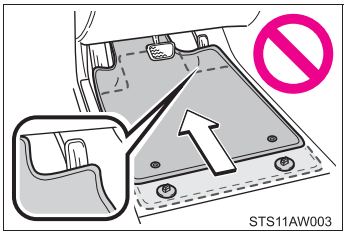
Observe the following precautions.
Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle. This could lead to an accident, resulting in death or serious injury.

■ **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**

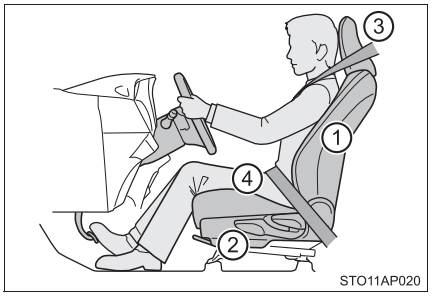
- Check that the floor mat is securely fixed in the correct place with all the provided retaining hooks (clips). Be especially careful to perform this check after cleaning the floor.
- With the hybrid system stopped and the shift lever in P, fully depress each pedal to the floor to make sure it does 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. 182)

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. 182, 191)

③ Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P. 188)

④ Wear the seat belt correctly. (→P. 36)

Correct use of the seat belts

Make sure that all occupants are wearing their seat belts before driving the vehicle. (→P. 36)

Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt. (→P. 60)

Adjusting the mirrors

Make sure that you can see backward clearly by adjusting the inside and outside rear view mirrors properly. (→P. 193, 196)

WARNING

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

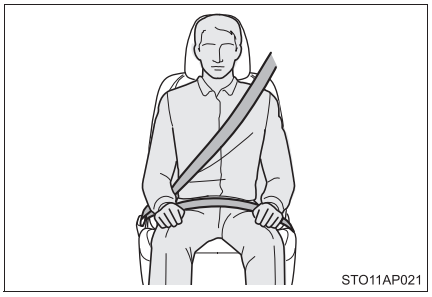
- Do not adjust the position of the driver's seat while driving.
  Doing so could cause the driver to lose control of the vehicle.
- Do not place a cushion between the driver or passenger and the seatback.
  A cushion may prevent correct posture from being achieved, and reduce the effectiveness of the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

Seat belts

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

Correct use of the seat belts

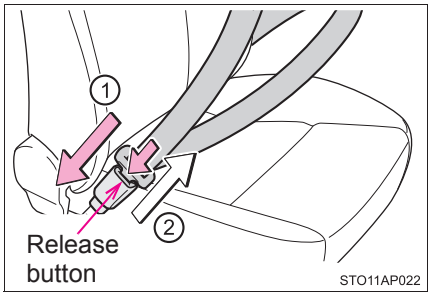
- Extend the shoulder belt so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.
- Position the lap belt as low as possible over the hips.
- Adjust the position of the seat-back. Sit up straight and well back in the seat.
- Do not twist the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



Fastening and releasing the seat belt

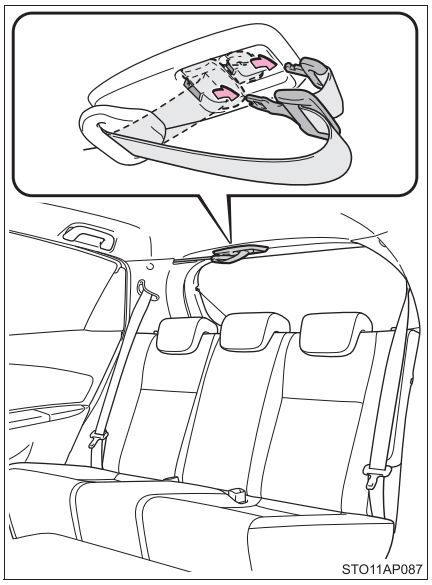
① To fasten the seat belt, push the plate into the buckle until a click sound is heard.

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



Fastening the rear center seat belt

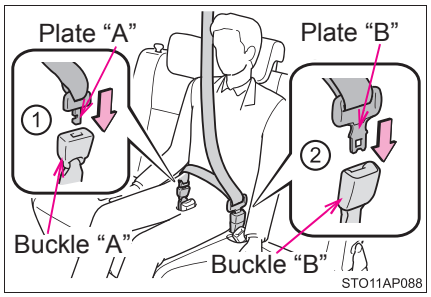
1 Take out the plates, and then pull the seat belt.



2 Push the plate into the buckle in the order of plate “A” and plate “B” until a clicking sound is heard.

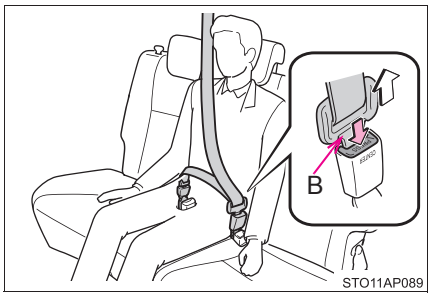
① Plate “A”, buckle “A”

② Plate “B”, buckle “B”



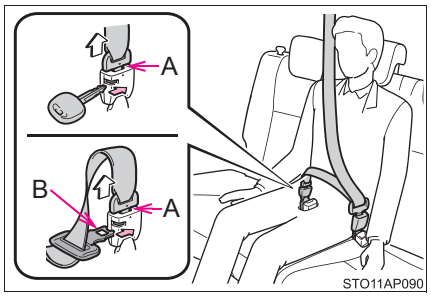
Releasing and stowing the rear center seat belt

1 To release the hooked plate “B”, push the buckle release button.

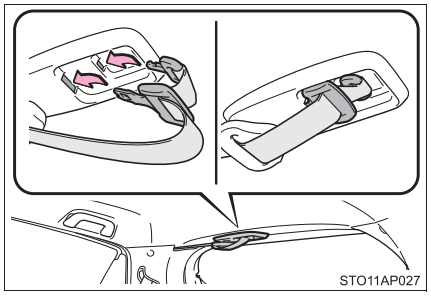


2 To release the hooked plate “A”, insert the plate “B” or the key or the mechanical key (→P. 142) into the hole on the buckle.

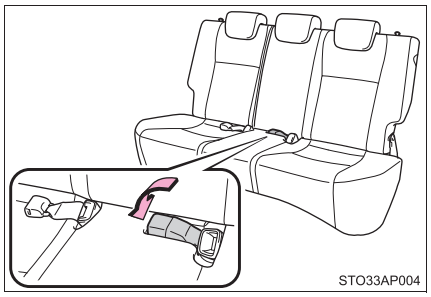
When releasing the seat belt, retract it slowly.



3 Stow the plates as shown in the illustration.



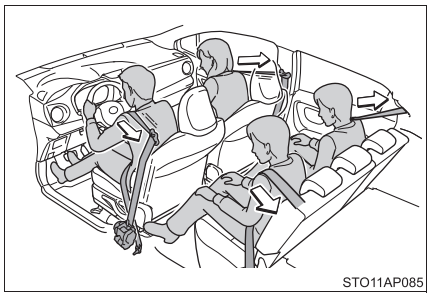
4 Stow the rear seat belt buckle in the pocket.



Seat belt pretensioners (front and outboard rear seats)

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

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



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. 60)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions regarding seat belt usage. (→P. 36)

Having the belt replaced 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 retailer or Toyota authorized repairer, or any reliable repairer 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.
Failure to do so may cause death or serious injury.

■ Wearing a seat belt

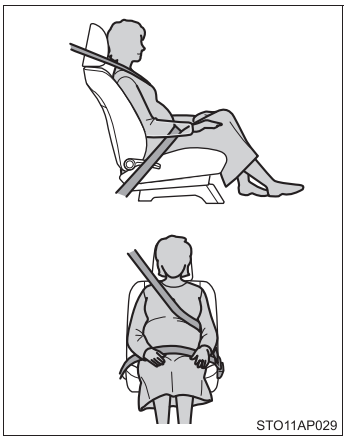
- Ensure that all passengers wear a seat belt.
- Always wear a seat belt properly.
- Each seat belt should be used by one person only. Do not use a seat belt for more than one person at once, including children.
- Toyota recommends that children be seated in the rear seat and always use a seat belt and/or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

■ Pregnant women

Obtain medical advice and wear the seat belt in the proper way. (→P. 36)

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.


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WARNING

■ **People suffering illness**

Obtain medical advice and wear the seat belt in the proper way. (→P. 36)

■ **When children are in the vehicle**

→P. 76

■ **Seat belt pretensioners**

If the pretensioner has activated, the SRS warning light will come on. In that case, the seat belt cannot be used again and must be replaced at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **Seat belt damage and wear**

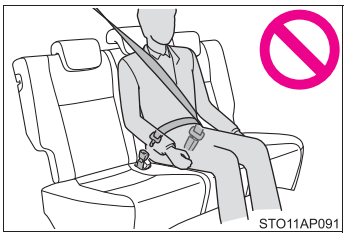
- Do not damage the seat belts by allowing the belt, plate, or buckle to be jammed in the door.
- Inspect the seat belt system periodically. Check for cuts, fraying, and loose parts. Do not use a damaged seat belt until it is replaced. Damaged seat belts cannot protect an occupant from death or serious 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 retailer or Toyota authorized repairer, or any reliable repairer.
- Replace the seat assembly, including the belts, if your vehicle has been involved in a serious accident, even if there is no obvious damage.
- Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. Have any necessary repairs carried out by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Inappropriate handling may lead to incorrect operation.

WARNING

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

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

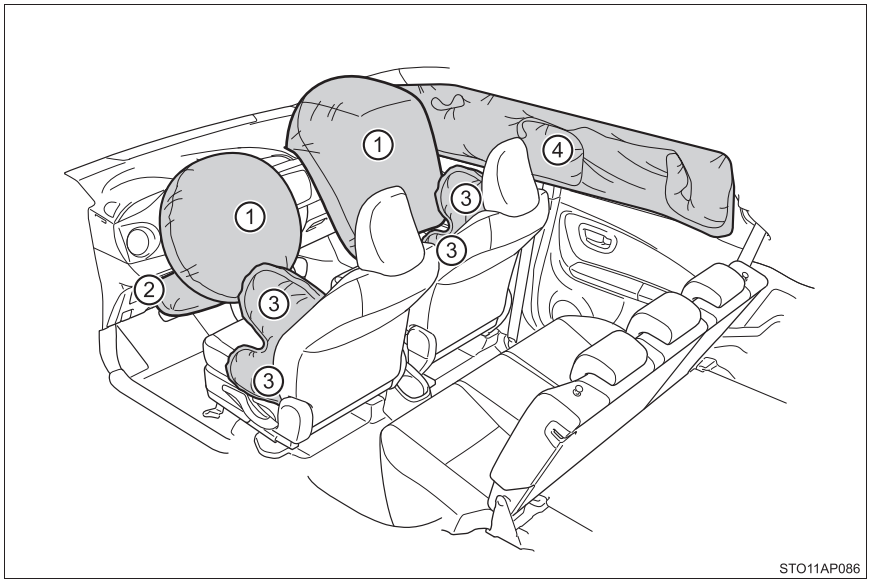
Fastening only one of the buckles may result in death or serious injury in case of sudden braking or a collision.



● Do not allow anyone sit on the rear center seat if the rear right seat is folded down, as the seat belt buckle for the rear center seat belt is then concealed under the folded seat and cannot be used.

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

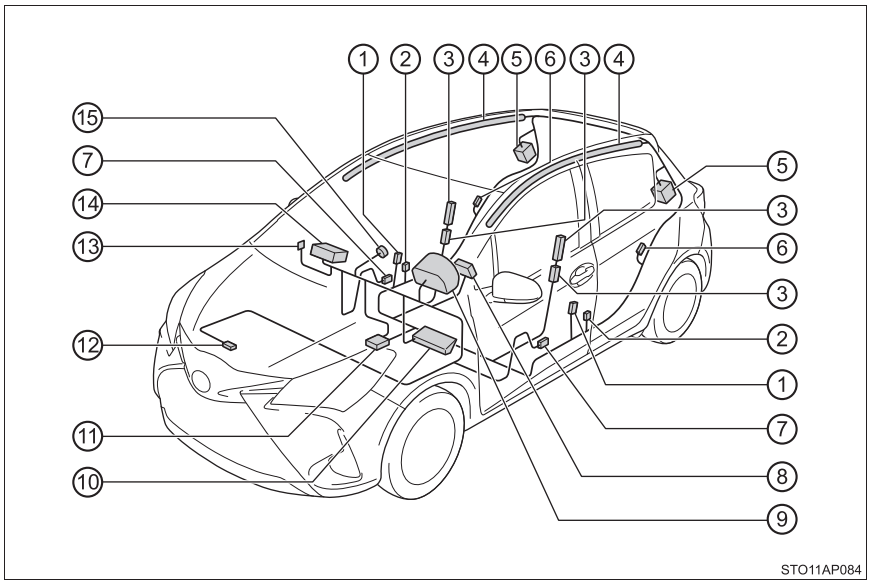
② SRS driver knee airbag (if equipped)
Can help provide driver protection

◆ 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 (if equipped)
Can help protect primarily the head of occupants in the outer seats

SRS airbag system components



① Seat belt pretensioners and force limiters (front seats)
② Side impact sensors (front)
③ Side airbags
④ Curtain shield airbags*
⑤ Seat belt pretensioners and force limiters (rear outboard seats)
⑥ Side impact sensors (rear)*
⑦ Side impact sensors (front door)*
⑧ Driver airbag
⑨ SRS warning light
⑩ Driver knee airbag*
⑪ Airbag sensor assembly
⑫ Front impact sensor
⑬ Airbag manual on-off switch
⑭ Front passenger airbag
⑮ “PASSENGER AIR BAG” indicator

*: If equipped

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:

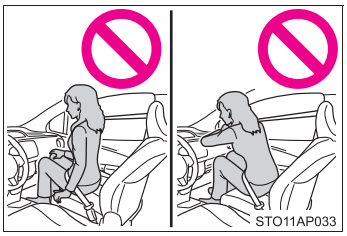
  • Move your seat to the rear as far as you can while still reaching the pedals comfortably.
  • Slightly recline the back of the seat. Although vehicle designs vary, many drivers can achieve the 250 mm (10 in.) distance, even with the driver seat all the way forward, simply by reclining the back of the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

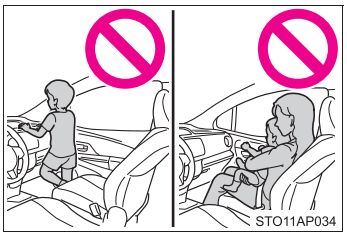
WARNING

■ **SRS airbag precautions**

- 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. 60)
- Do not sit on the edge of the seat or lean against the dashboard.



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



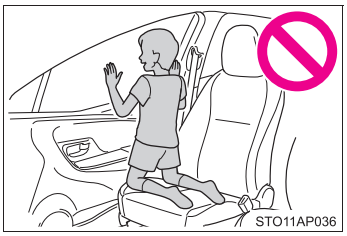
WARNING

■ **SRS airbag precautions**

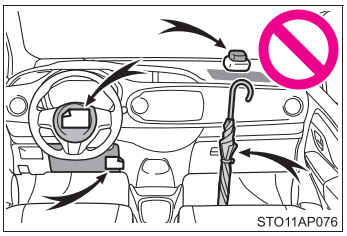
- Vehicles without SRS curtain shield airbags: Do not lean against the front door.
- Vehicles with SRS curtain shield airbags: Do not lean against the door, the roof side rail or the front, side and rear pillars.



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



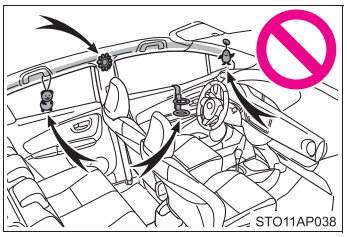
- Vehicles without an SRS driver knee airbag: Do not attach anything to or lean anything against areas such as the dashboard or steering wheel pad.
  These items can become projectiles when the SRS driver and front passenger airbags deploy.
- Vehicles with an SRS driver knee airbag: Do not attach anything to or lean anything against areas such as the dashboard, steering wheel pad and lower portion of the instrument panel.
  These items can become projectiles when the SRS driver, front passenger and driver knee airbags deploy.



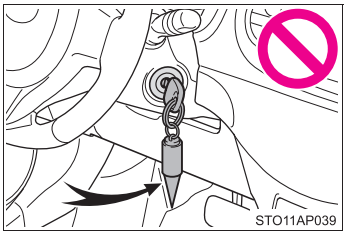
WARNING

■ **SRS airbag precautions**

- Vehicles without SRS curtain shield airbags: Do not attach anything to areas such as a door, windshield and side window.
- Vehicles with SRS curtain shield airbags: Do not attach anything to areas such as a door, windshield, side window, front or rear pillar, roof side rail and assist grip. (Except for the speed limit label →P. 542)



- Vehicles without a smart entry & start system and with SRS driver's knee airbag: Do not attach any heavy, sharp or hard objects such as keys and accessories to the key. The objects may restrict the SRS driver knee airbag inflation or be thrust into the driver's seat area by the force of the deploying airbag, thus causing a danger.



- Vehicles with SRS curtain shield airbags: Do not hang coat hangers or other hard objects on the coat hooks. All of these items could become projectiles and may cause death or serious injury, should the SRS curtain shield airbags deploy.
- Vehicles with an SRS driver knee airbag: If a vinyl cover is put on the area where the SRS driver 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.

WARNING

■ **SRS airbag precautions**

- 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.
- 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.
- Vehicles without SRS curtain shield airbags: If the areas where the SRS airbags are stored, such as the steering wheel pad, are damaged or cracked, have them replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Vehicles with SRS curtain shield airbags: If the areas where the SRS airbags are stored, such as the steering wheel pad and front and rear pillar garnishes, are damaged or cracked, have them replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

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

- Installation, removal, disassembly and repair of the SRS airbags
- Repairs, modifications, removal or replacement of the steering wheel, instrument panel, dashboard, seats or seat upholstery, front, side and rear pillars 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, winches
- Modifications to the vehicle's suspension system
- Installation of electronic devices such as mobile two-way radios (RF-transmitter) and CD players

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

- Slight abrasions, burns, bruising, etc., may be sustained from SRS airbags, due to the extremely high speed deployment (inflation) by hot gases.
- A loud noise and white powder will be emitted.
- Vehicles without SRS curtain shield airbags: Parts of the airbag module (steering wheel hub, airbag cover and inflator) as well as the front seats may be hot for several minutes. The airbag itself may also be hot.
- Vehicles with SRS curtain shield airbags: 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 pretensioners will activate.

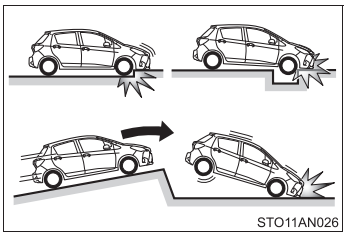
■ **SRS airbag deployment conditions (SRS side airbags and SRS curtain shield airbags [if equipped])**

- The SRS side airbags and SRS 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 curtain shield airbags may also deploy in the event of a severe frontal collision.

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

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

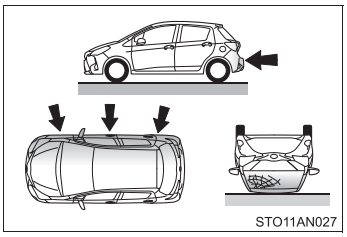
- Hitting a curb, edge of pavement or hard surface
- Falling into or jumping over a deep hole
- Landing hard or falling


STO11AN026

■ **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.

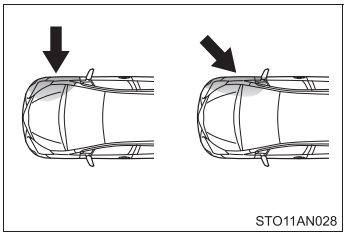
- Collision from the side
- Collision from the rear
- Vehicle rollover


STO11AN027

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

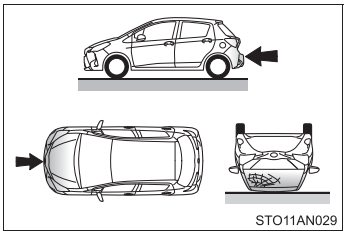
The SRS side airbags and SRS curtain shield airbags may not activate if the vehicle is subjected to a collision from the side at certain angles, or a collision to the side of the vehicle body other than the passenger compartment.

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


STO11AN028

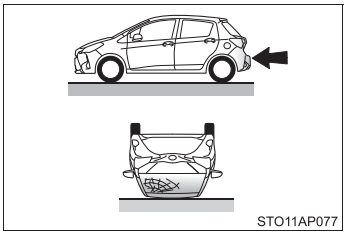
The SRS side airbags do not generally inflate if the vehicle is involved in a frontal or rear collision, if it rolls over, or if it is involved in a low-speed side collision.

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


STO11AN029

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

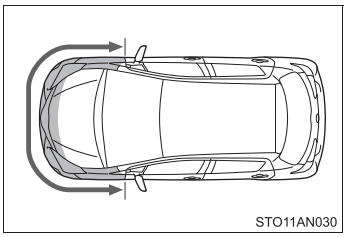
- Collision from the rear
- Vehicle rollover


STO11AP077

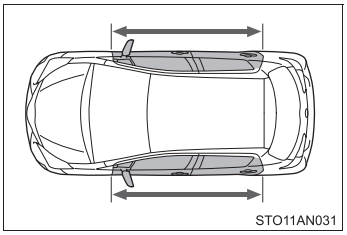
■ **When to contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer**

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

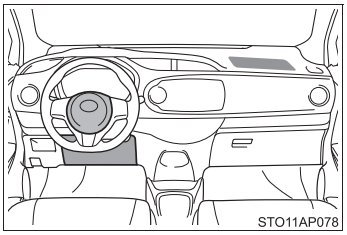
- Any of the SRS airbags have been inflated.
- The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS front airbags to inflate.


STO11AN030

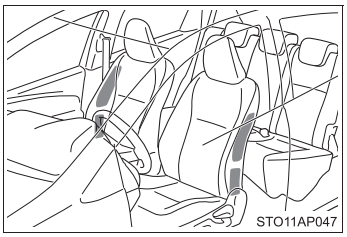
- A portion of a door or its surrounding area is damaged or deformed, or the vehicle was involved in an accident that was not severe enough to cause the SRS side airbags and SRS curtain shield airbags (if equipped) to inflate.


STO11AN031

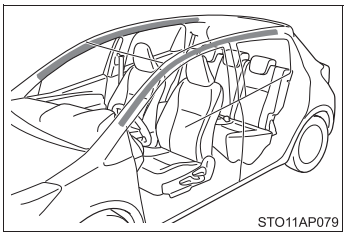
- Vehicles without an SRS driver knee airbag: The pad section of the steering wheel or dashboard near the front passenger airbag is scratched, cracked, or otherwise damaged.
- Vehicles with an SRS driver knee airbag: The pad section of the steering wheel, dashboard near the front passenger airbag or lower portion of the instrument panel is scratched, cracked, or otherwise damaged.


STO11AP078

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



- Vehicles with SRS curtain shield airbags: 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.



Exhaust gas precautions

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

WARNING

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

■ **Important points while driving**

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

■ **When parking**

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

■ **Exhaust pipe**

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

Airbag manual on-off system

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

① “PASSENGER AIR BAG” indicator

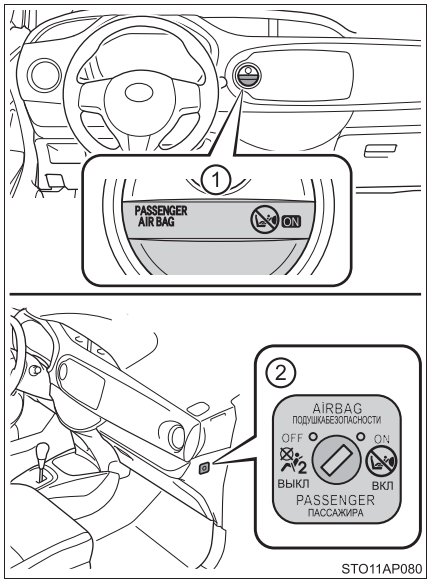
▶ Vehicles without a smart entry & start system

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

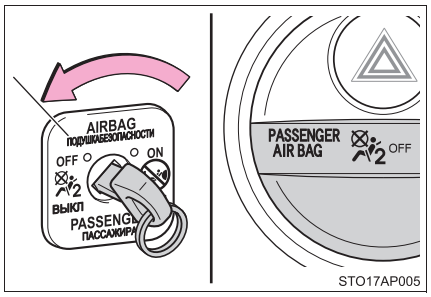
▶ Vehicles with a smart entry & start system

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



- Vehicles without a smart entry & start system

Insert the key into the cylinder and turn to the “OFF” position.

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

- Vehicles with a smart entry & start system

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 retailer or Toyota authorized repairer, or any reliable repairer.

- 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 a child restraint system in a rear seat. In the event that the rear seat cannot be used, the front seat can be used as long as the airbag manual on-off system is set to “OFF”.
If the airbag manual on-off system is left on, the strong impact of the airbag deployment (inflation) may cause serious injury or even death.

■ **When a child restraint system is not installed on the front passenger seat**

Ensure that the airbag manual on-off system is set to “ON”.
If it is left off, the airbag may not deploy in the event of an accident, which may result in serious injury or even death.

Riding with children

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

- It is recommended that children sit in the rear seats to avoid accidental contact with the shift lever, wiper switch etc.
- Use the rear door child-protector lock or the window lock switch to avoid children opening the door while driving or operating the power window accidentally. (→P. 157, 199)
- 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

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

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

Table of contents

Points to remember ..... P. 61
Child restraint system ..... P. 63
When using a child restraint system ..... P. 66
Child restraint system installation method
- Fixed with a seat belt ..... P. 70
- Fixed with an ISOFIX rigid anchor ..... P. 77
- Using an anchor bracket (for top strap) ..... P. 83

Points to remember

- Prioritize and observe the warnings, as well as the laws and regulations for child restraint systems.
- Use a child restraint system until the child becomes large enough to properly wear the vehicle's seat belt.
- Choose a child restraint system appropriate to the age and size of the child.
- Note that not all child restraint systems can fit in all vehicles.
  Before using or purchasing a child restraint system, check the compatibility of the child restraint system with seat positions.
  (→P. 70, 78)

⚠ WARNING

■ When a child is riding

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

- For effective protection in automobile accidents and sudden stops, a child must be properly restrained, using a seat belt or child restraint system which is correctly installed. For installation details, refer to the operation manual enclosed with the child restraint system. General installation instruction is provided in this manual.
- Toyota strongly urges the use of a proper child restraint system that conforms to the weight and size of the child, installed on the rear seat. According to accident statistics, the child is safer when properly restrained in the rear seat than in the front seat.
- Holding a child in your or someone else's arms is not a substitute for a child restraint system. In an accident, the child can be crushed against the windshield or between the holder and the interior of the vehicle.

WARNING

■ Handling the child restraint system

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

- If the vehicle were to receive a strong impact from an accident, etc., it is possible that the child restraint system has damage that is not readily visible. In such cases, do not reuse the restraint system.
- Depending on the child restraint system, installation may be difficult or impossible. In those cases, check whether the child restraint system is suitable for installment in the vehicle. (→P. 70, 77) Be sure to install and observe the usage rules after carefully reading the child restraint system fixing method in this manual, as well as the operation manual enclosed with the child restraint system.
- Keep the child restraint system properly secured on the seat even if it is not in use. Do not store the child restraint system unsecured in the passenger compartment.
- If it is necessary to detach the child restraint system, remove it from the vehicle or store it securely in the luggage compartment.

Child restraint system

Install the available child restraint system in vehicle upon confirming the following items.

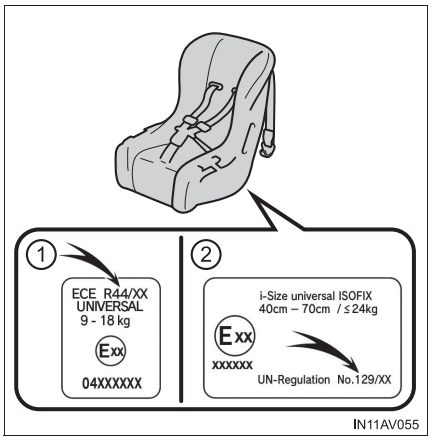
■ Standards for child restraint systems

Use a child restraint system that conforms to ECE R44*1 or ECE R129*1, 2.

The following approval mark is displayed on child restraint systems which are conformed.

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

Example of the displayed regulation number



① ECE R44 approval mark*3
The weight range of the child who is applicable for an ECE R44 approval mark is indicated.

② ECE R129 approval mark*3
The height range of the child who is applicable as well as available weights for an ECE R129 approval mark is indicated.

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

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

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

Mass group (ECE R44 only)

This Mass group table is required when confirming the child restraint system compatibility. Confirm in accordance with the child restraint system compatibility table. (→P. 70, 78).

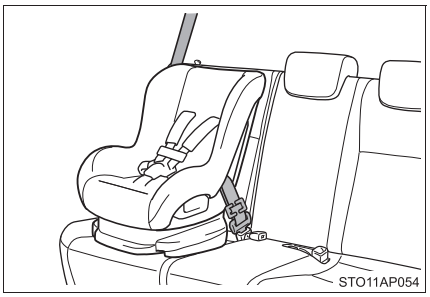
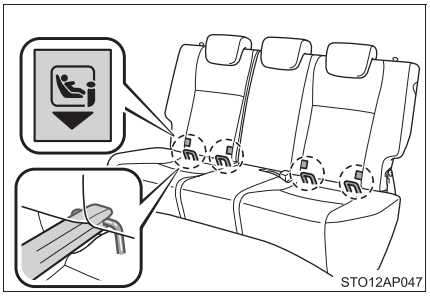
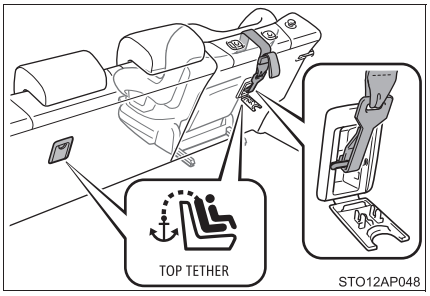
The child restraint system which conforms to the standard of ECE R44 is categorized into 5 groups according to the weight of the child.

Mass group	Child weight	Reference age*
Group 0	until 10 kg (22 lb.)	about 9 months
Group 0+	until 13 kg (28 lb.)	about 1.5 years
Group I	9 - 18 kg (20 - 39 lb.)	from 9 months - about 4 years
Group II	15 - 25 kg (34 - 55 lb.)	from 3 years - about 7 years
Group III	22 - 36 kg (49 - 79 lb.)	from 6 years - about 12 years

*: The age range is a standard approximation. Choose according to the weight of the child.

■ Types of child restraint system installation methods

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

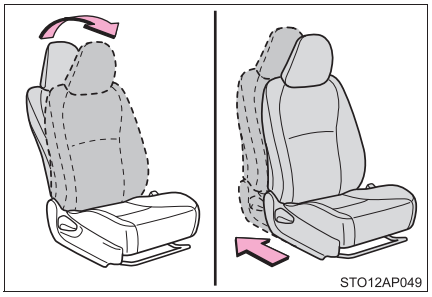
Installation method		Page
Seat belt attachment		P. 70
ISOFIX rigid anchor attachment		P. 77
Anchor brackets (for top strap) attachment		P. 83

When using a child restraint system

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

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

- Raise the seatback as much as possible.
- Move the seat to the rearmost position.
- If the head restraint interferes with the child restraint system installation and the head restraint can be removed, remove the head restraint.

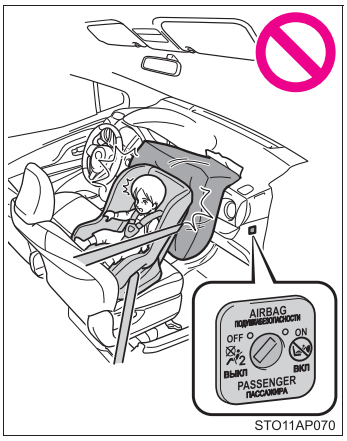


WARNING

■ When using a child restraint system

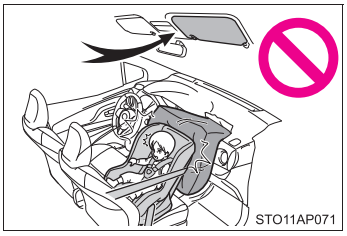
Observe the following precautions.
Failure to do so may result in death or serious injury.

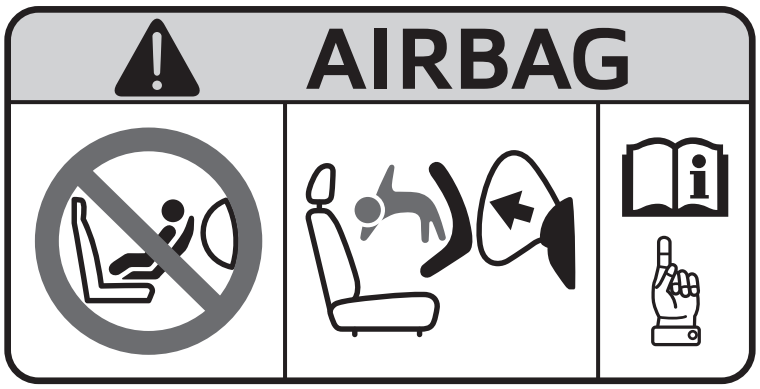
- Never use a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on. (→P. 56)
  The force of the rapid inflation of the front passenger airbag can cause death or serious injury to children in the event of an accident.



STO11AP070

- 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.


STO11AP071

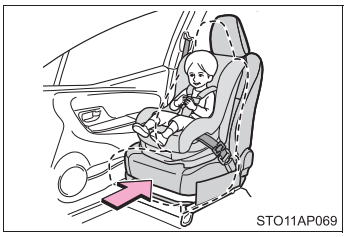


STS18AP001

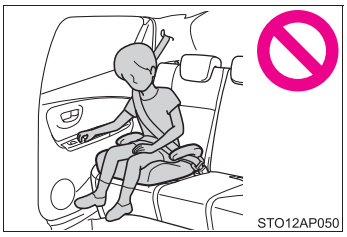
WARNING

■ When using a 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).



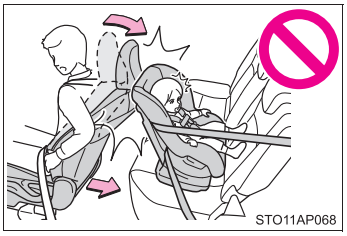
- Vehicles with SRS side airbags and SRS curtain shield airbags: Do not allow the child to lean his/her head or any part of his/her body against the door or the area of the seat, front or rear pillars, or roof side rails from which the SRS side airbags or SRS curtain shield airbags deploy even if the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



WARNING

■ **When using a child restraint system**

- When a junior seat is installed, always ensure that the shoulder belt is positioned across the center of the child's shoulder. The belt should be kept away from the child's neck, but not so that it could fall off the child's shoulder.
- Use child restraint system suitable to the age and size of the child and install it to the rear seat.
- If the driver's seat interferes with the child restraint system and prevents it from being attached correctly, attach the child restraint system to the right-hand rear seat (left-hand drive vehicles) or the left-hand rear seat (right-hand drive vehicles). (→P. 72, 80)



Child restraint system fixed with a seat belt

◆ Confirming the possible installation seating positions and the Mass Group for the seat belt installation type child restraint systems.

1 Confirm the corresponding [Mass group] from the weight of the child (→P. 64)

(Ex. 1) When the weight is 12 kg, [Mass group 0+]

(Ex. 2) When the weight is 15 kg, [Mass group I]

2 Confirm and select the appropriate possible seating position for the child restraint system and the corresponding type of system from the [Child restraint systems fastened with SEAT BELT - Compatibility and Recommended child restraint systems table]. (→P. 70)

◆ Child restraint systems fastened with SEAT BELT - Compatibility and Recommended child restraint systems table

If your child restraint system is of “universal” category, you can install it on the positions mentioned by U or UF in the table below (UF is for forward-facing child restraint systems only). Child restraint systems category and mass group can be found in the child restraint system manual.
If your child restraint system is not of the “universal” category (or if you cannot find information in the table below), please refer to the child restraint system “vehicle list” for compatibility information or ask the retailer of your child seat.

Mass groups	Seating position				Recommended Child Restraint Systems
	Front passenger seat		Rear seat		
	Airbag manual on-off switch		Outboard	Center	
	ON	OFF			
0 Up to 10 kg (22 lb.)	X	U*1	U L	X	“TOYOTA G 0+, BABY SAFE PLUS” “TOYOTA MINI” “TOYOTA G 0+, BABY SAFE PLUS with SEAT BELT FIXATION, BASE PLATFORM”
0+ Up to 13 kg (28 lb.)	X	U*1	U L	X	
I 9 to 18 kg (20 to 39 lb.)	Rear-ward-facing — X	U*1, 2	U*2	X	“TOYOTA DUO+”
	Forward-facing — UF*1, 2				
II, III 15 to 36 kg (34 to 79 lb.)	UF*1, 2	U*1, 2	U*2	X	“TOYOTA KIDFIX XP SICT” (Can be fitted to the ISOFIX mountings.)

Key of letters inserted in the above table:

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

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

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

L: Suitable for “specific vehicles”, “restricted”, or “semi-universal”, category child restraint systems approved for use in this mass group.

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

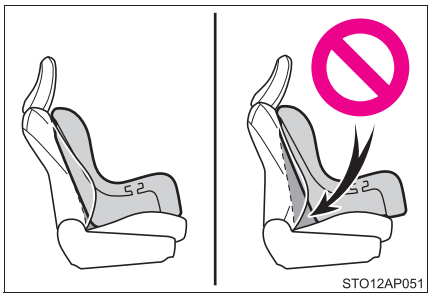
*2: If the head restraint interferes with your child restraint system, and the head restraint can be removed, remove the head restraint.
Otherwise, put the head restraint in the upper most position.

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

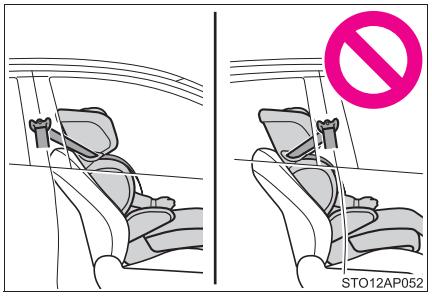
The child restraint systems mentioned in the table may not be available outside the EU area.

- When installing a child restraint in the rear seats, adjust the front seat so that it does not interfere with the child or child restraint system.
- When installing a child seat with support base, if the child seat interferes with the seatback when latching it into the support base, adjust the seatback rearward until there is no interference.

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



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



- When installing a junior seat, if the child in your child restraint system is in a very upright position, adjust the seatback angle to the most comfortable position. And if the seat belt shoulder anchor is ahead of the child seat belt guide, move the seat cushion forward.
- When installing a junior seat of booster cushion type, do not remove the head restraint.

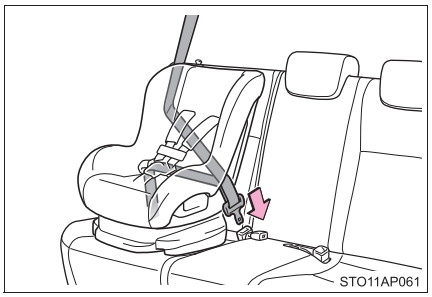
◆ Installing child restraint system using a seat belt

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

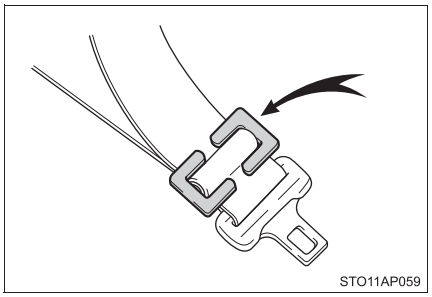
1 If installing the child restraint system to the front passenger seat is unavoidable, refer to P. 66 for front passenger seat adjustment.

2 If the head restraint interferes with the child restraint system installation and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position. (→P. 188)

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



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



5 After installing the child restraint system, rock it back and forth to ensure that it is installed securely. (→P. 76)

◆ Removing a child restraint system installed with a seat belt

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

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

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

■ When installing a child restraint system

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

WARNING

■ When installing a child restraint system

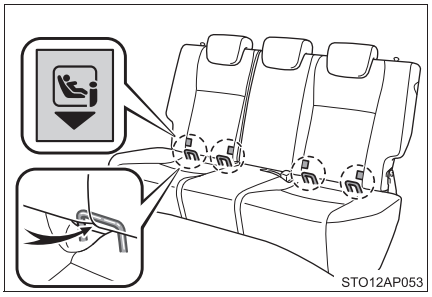
Observe the following precautions.
Failure to do so may result in death or serious injury.

- Do not allow children to play with the seat belt. If the seat belt becomes twisted around a child's neck, it may lead to choking or other serious injuries that could result in death. If this occurs and the buckle cannot be unfastened, scissors should be used to cut the belt.
- Ensure that the belt and plate are securely locked and the seat belt is not twisted.
- Shake the child restraint system left and right, and forward and backward to ensure that it has been securely installed.
- After securing a child restraint system, never adjust the seat.
- When a junior seat is installed, always ensure that the shoulder belt is positioned across the center of the child's shoulder. The belt should be kept away from the child's neck, but not so that it could fall off the child's shoulder.
- Follow all installation instructions provided by the child restraint system manufacturer.

Child restraint system fixed with an ISOFIX rigid anchor

■ ISOFIX rigid anchors (ISOFIX child restraint system)

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



■ Confirming the Mass group and Size class for ECE R44 ISOFIX corresponding child restraint systems

1 Confirm the corresponding [Mass group] from the weight of the child (→P. 64)

(Ex. 1) When the weight is 12 kg, [Mass group 0+]

(Ex. 2) When the weight is 15 kg, [Mass group I]

2 Confirming Size class

Select the Size class corresponding to [Mass group] confirmed in step 1 from the [Child restraint systems fastened with ISOFIX (ECE R44) - Compatibility and Recommended child restraint systems table] (→P. 78)*.

(Ex. 1) When [Mass group 0+], the corresponding size class is [C], [D], [E].

(Ex. 2) When [Mass group I], the corresponding size class is [A], [B], [B1], [C], [D].

*: However, listings that are marked with [X] cannot be selected, despite having the corresponding size class in the suitability table of the [Seating position]. Also, select the product designated by [Recommended Child Restraint Systems] (→P. 79), if the listing is marked with [IL].

Child restraint systems fastened with ISOFIX (ECE R44) - Compatibility and Recommended child restraint systems table

ISOFIX child restraint systems are divided in different “size class”. According to this “size class”, you will be allowed to use it in the vehicle seating position mentioned in the table below. To know your child restraint system “size class” and “mass group”, please refer to the child restraint system manual.

If your child restraint system has no “size class” (or if you cannot find information in the table below), please refer to the child restraint system “vehicle list” for compatibility information or ask the retailer of your child seat.

Size class	Description
A	Full-height, forward-facing child restraint systems
B	Reduced-height forward-facing child restraint systems
B1	Reduced-height forward-facing child restraint systems
C	Full-size rearward-facing child restraint systems
D	Reduced-size rearward-facing child restraint systems
E	Rearward-facing infant seat
F	Left lateral-facing (carrycot) infant seat
G	Right lateral-facing (carrycot) infant seat

Mass groups	Size class	Seating position			Recommended Child Restraint Systems
		Front seat	Rear seat		
		Passen-ger seat	Outboard	Center	
Carrycot	F	X	X	X	—
	G	X	X	X	
0 Up to 10 kg (22 lb.)	E	X	IL	X	“TOYOTA MINI” “TOYOTA MIDI”
0+ Up to 13 kg (28 lb.)	E	X	IL	X	
	D	X	IL	X	“TOYOTA MINI” “TOYOTA MIDI”
	C	X	IL	X	
I 9 to 18 kg (20 to 39 lb.)	D	X	IL	X	—
	C	X	IL	X	
	B	X	IUF* IL*	X	“TOYOTA MIDI”
	B1	X	IUF* IL*	X	“TOYOTA DUO+” “TOYOTA MIDI”
	A	X	IUF* IL*	X	“TOYOTA MIDI”

Key of letters inserted in the above table:

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

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

IL: Suitable for ISOFIX child restraint systems of the categories for “specific vehicles”, “restricted”, or “semi-universal” approved for use in this mass group.

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

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

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

- When installing a child restraint in the rear seats, adjust the front seat so that it does not interfere with the child or child restraint system.

■ i-Size child restraint systems fastened with ISOFIX (ECE R129) - Compatibility table

If your child restraint system is of “i-Size” category, you can install it on the positions mentioned by i-U in the table below.
Child restraint system category can be found in the child restraint system manual.

	Seating position		
	Front seat	Rear seat	
	Passenger seat	Outboard	Center
i-Size child restraint systems	X	i-U*	X

Key of letters inserted in the above table:

X: Not suitable for use with i-Size child restraint systems.

i-U: Suitable for i-Size “universal” child restraint systems forward and rearward facing.

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

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

- When installing a child restraint in the rear seats, adjust the front seat so that it does not interfere with the child or child restraint system.

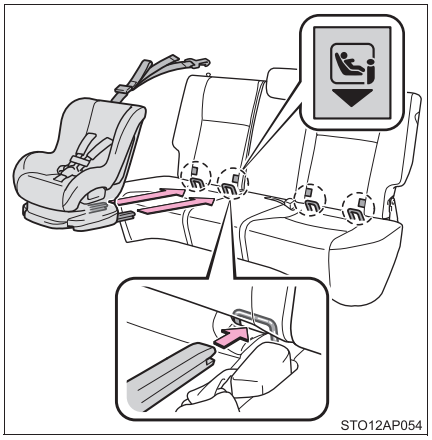
■ **Installation with ISOFIX rigid anchor (ISOFIX child restraint system)**

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

1 If the head restraint interferes with the child restraint system installation and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position. (→P. 188)

2 Latch the buckles onto the exclusive fixing bars.

If the child restraint has a top strap, the top strap should be latched onto the anchor bracket. (→P. 83)



3 After installing the child restraint system, rock it back and forth to ensure that it is installed securely. (→P. 76)

WARNING

■ **When installing a child restraint system**

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

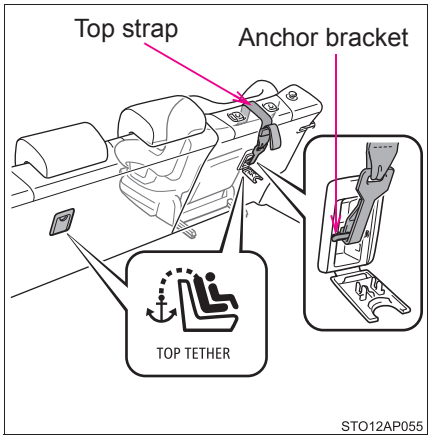
- After securing a child restraint system, never adjust the seat.
- When using the lower anchors, be sure that there are no foreign objects around the anchors and that the seat belt is not caught behind the child restraint system.
- Follow all installation instructions provided by the child restraint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

Using an anchor bracket (for top strap)

■ Anchor brackets (for top strap)

Anchor brackets are provided for the outboard rear seat.

Use anchor brackets when fixing the top strap.



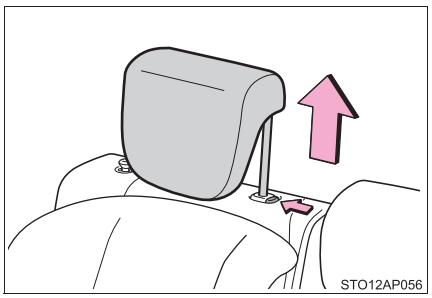
■ **Fixing the top strap to the anchor bracket**

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

1 Vehicles with a luggage cover: Remove the luggage cover. (→P. 404)

2 Adjust the head restraint to the upmost position.

If the head restraint interferes with the child restraint system or top strap installation and the head restraint can be removed, remove the head restraint. (→P. 188)

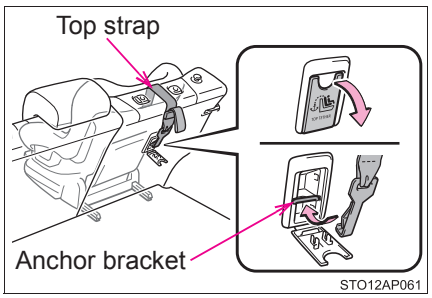


3 Secure the child restraint system using the seat belt or ISOFIX rigid anchors.

4 Open the anchor bracket cover, latch the hook onto the anchor bracket and tighten the top strap.

Make sure the top strap is securely latched. (→P. 76)

When installing the child restraint system with the head restraint being raised, be sure to have the top strap pass underneath the head restraint.



5 Vehicles with a luggage cover: Reinstall the luggage cover.

WARNING

■ **When installing a child restraint system**

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

- Firmly attach the top strap and make sure that the belt is not twisted.
- Do not attach the top strap to anything other than the anchor bracket.
- After securing a child restraint system, never adjust the seat.
- Follow all installation instructions provided by the child restraint system manufacturer.
- When installing the child restraint system with the head restraint being raised, after the head restraint has been raised and then the anchor bracket has been fixed, do not lower the head restraint.

NOTICE

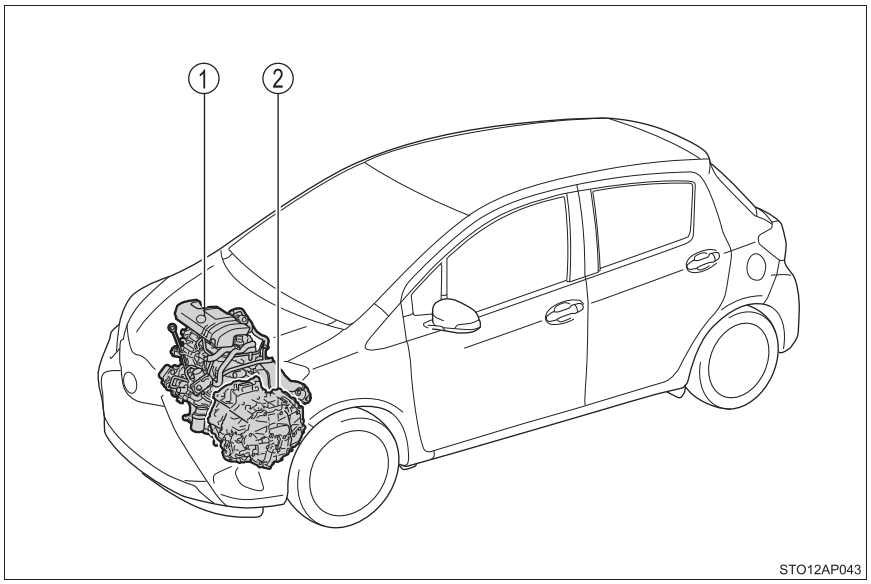
■ **Anchor brackets (for top strap)**

When not in use, make certain to close the lid. If it remains open, the lid may be damaged.

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

*: When the hybrid battery (traction battery) requires charging or the engine is warming up, etc., the gasoline engine will not automatically stop.
(→P. 88)

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.

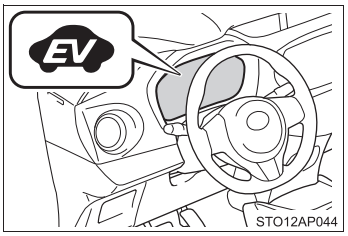
■ **Regenerative braking**

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

■ **EV indicator**

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



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

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

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

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

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

■ **Charging the 12-volt battery**

→P. 578

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

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

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

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

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

- Motor sounds may be heard from the engine compartment.
- Sounds may be heard from the hybrid battery (traction battery) behind the rear seats when the hybrid system starts or stops.
- Relay operating sounds such as a snap or soft clank will be emitted from the hybrid battery (traction battery), 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 on the side of the lower part of the rear left seats.

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

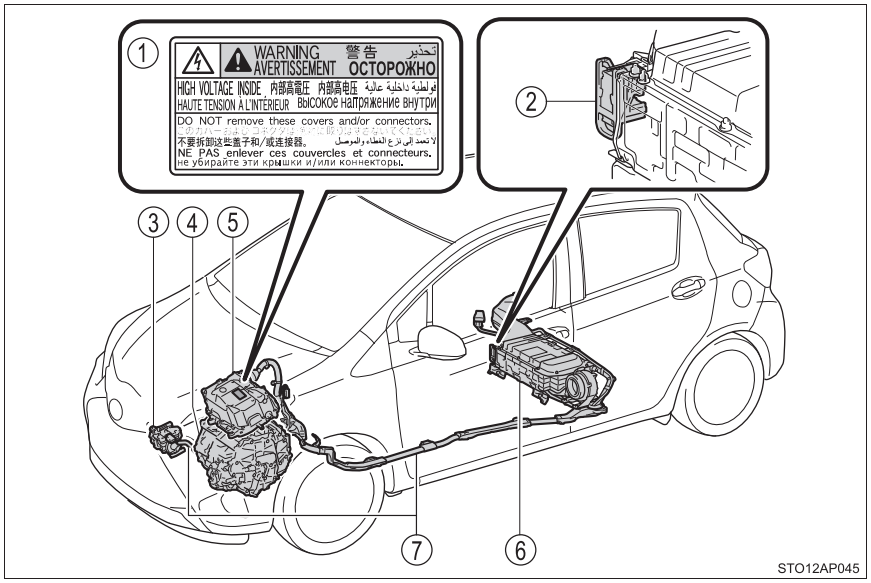
Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer regarding maintenance, repair, recycling and disposal. Do not dispose of the vehicle yourself.

■ **Customization**

Settings (e.g. on/off operation of the EV indicator) can be changed.
(Customizable features →P. 603)

Hybrid system precautions

Take care when handling the hybrid system, as it is a high voltage system (about 520 V at maximum) as well as contains parts that become extremely hot when the hybrid system is operating. Obey the warning labels attached to the vehicle.

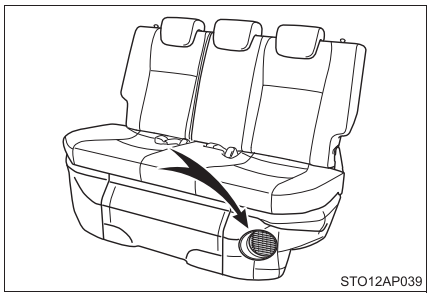


The illustration is an example for explanation and may differ from the actual item.

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

Hybrid battery (traction battery) air intake vent

There is an air intake vent on the side of the lower part of the rear left seat for the purpose of cooling the hybrid battery (traction battery). When the air intake vent is blocked, the battery operations will be restricted and cause a decline in fuel consumption.


STO12AP039

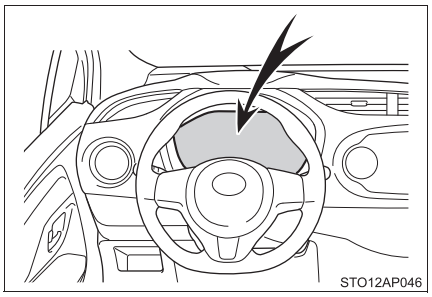
Emergency shut off system

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

Hybrid warning message (vehicles with color 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.


STO12AP046

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

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

■ **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. 521) 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 6.1 L [1.6 gal., 1.3 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**

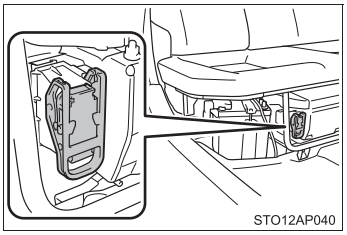
This model conforms to hydrogen emissions according to regulation ECE100 (Battery electric vehicle safety).

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 underneath the rear seats. The service plug is used only when the vehicle is serviced and is subject to high voltage.



■ Road accident cautions

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

- Pull your vehicle off the road, apply the parking brake, shift the shift lever to P, and turn the hybrid system off.
- Do not touch the high voltage parts, cables and connectors.
- If electric wires are exposed inside or outside your vehicle, an electric shock may occur. Never touch exposed electric wires.
- If a fluid leak occurs, do not touch the fluid as it may be strong alkaline electrolyte from the hybrid battery (traction battery). If it comes into contact with your skin or eyes, wash it off immediately with a large amount of water or, if possible, boric acid solution. Seek immediate medical attention.

WARNING

- 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. 509)
- Carefully inspect the ground under the vehicle. If you find that liquid has leaked onto the ground, the fuel system may have been damaged. Leave the vehicle as soon as possible.

■ Hybrid battery (traction battery)

- Never resell, hand over or modify the hybrid battery. To prevent accidents, hybrid batteries that have been removed from a disposed vehicle are collected through any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Do not dispose of the battery yourself.

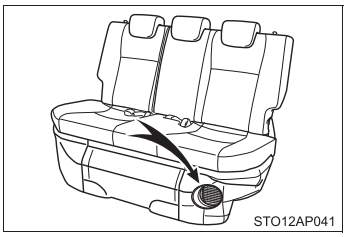
  Unless the battery is properly collected, the following may occur, resulting in death or serious injury:

  • The hybrid battery may be illegally disposed of or dumped, and it is hazardous to the environment or someone may touch a high voltage part, resulting in an electric shock.
  • The hybrid battery is intended to be used exclusively with your hybrid vehicle. If the hybrid battery is used outside of your vehicle or modified in any way, accidents such as electric shock, heat generation, smoke generation, an explosion and electrolyte leakage may occur.

  When reselling or handing over your vehicle, the possibility of an accident is extremely high because the person receiving the vehicle may not be aware of these dangers.
- If your vehicle is disposed of without the hybrid battery having been removed, there is a danger of serious electric shock if high voltage parts, cables and their connectors are touched. In the event that your vehicle must be disposed of, the hybrid battery must be disposed of by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer, 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. When the air intake vent is blocked, the battery operations will be restricted and cause a decline in fuel consumption.
- 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 retailer or Toyota authorized repairer, or any reliable repairer.
- There is a filter installed to the air intake vent. When the filter remains noticeably dirty even after cleaning the air intake vent, filter cleaning or replacement is recommended. For information regarding filter cleaning or replacement, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Vehicles with color display: If “Maintenance required for Traction battery cooling parts. See owner’s manual.” is shown on the multi-information display, the air intake vent and filter may be clogged. Refer to P. 420 for information on how to clean the air intake vent.

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.

▶ Vehicles without a smart entry & start system

The system begins operating after the key has been removed from the power switch. The system is canceled after the registered key has been inserted into the power switch.

▶ Vehicles with a smart entry & start system

The system begins operating after the power switch has been turned off. The system is canceled after the power switch has been turned to ACCESSORY or ON mode.

■ **System maintenance**

The vehicle has a maintenance-free type immobilizer system.

■ **Conditions that may cause the system to malfunction**

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

Certification for the immobilizer system (vehicles with a 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: Immobilizer
Product Model: TMIMB-3
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-3 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Toyota Motor Corporation vakuuttaa täten että TMIMB-3 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-3 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-3 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar Toyota Motor Corporation att denna TMIMB-3 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-3 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Toyota Motor Corporation, dass sich das Gerät TMIMB-3 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-3 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-3 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-3 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-3 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, Toyota Motor Corporation, jiddikjara li dan TMIMB-3 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab Toyota Motor Corporation seadme TMIMB-3 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Toyota Motor Corporation nyilatkozom, hogy a TMIMB-3 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Toyota Motor Corporation týmto vyhlasuje, že TMIMB-3 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Toyota Motor Corporation tímto prohlašuje, že tento TMIMB-3 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Toyota Motor Corporation izjavlja, da je ta TMIMB-3 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Toyota Motor Corporation deklaruoja, kad šis TMIMB-3 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Toyota Motor Corporation deklarē, ka TMIMB-3 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Toyota Motor Corporation oświadcza, że TMIMB-3 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Toyota Motor Corporation yfir því að TMIMB-3 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

Toyota Motor Corporation erklærer herved at utstyret TMIMB-3 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, Toyota Motor Corporation, декларира, че TMIMB-3 е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.
Prin prezenta, Toyota Motor Corporation, declară că aparatul TMIMB-3 este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, Toyota Motor Corporation, izjavljuje da ovaj TMIMB-3 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Nepermjet kesaj, Toyota Motor Corporation, deklaroj qe ky TMIMB-3 eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.
Ovim Toyota Motor Corporation, izjavljuje da je TMIMB-3 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-3 u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.
İşbu belge ile Toyota Motor Corporation, bu TMIMB-3 ürününün 1999/5/EC Yönetmeliği'nin temel gerekliliklerine ve diğer ilgili hükümlerine uygun olduğunu beyan eder.

Certifications for the immobilizer system (vehicles without a smart entry & start system)

CE

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

Hereby, TRCZ s.r.o., declares that this RI-43BTY is in compliance with the essential requirements and other relevant provisions of Directives 1999/5/EC.
TRCZ s.r.o. vakuuttaa täten että RI-43BTY tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart TRCZ s.r.o. dat het toestel RI-43BTY in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Par la présente TRCZ s.r.o. déclare que l'appareil RI-43BTY est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar TRCZ s.r.o. att denna RI-43BTY står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Undertegnede TRCZ s.r.o. erklærer herved, at følgende udstyr RI-43BTY overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt TRCZ s.r.o., dass sich das Gerät RI-43BTY in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ TRCZ s.r.o. ΔΗΛΩΝΕΙ ΟΤΙ RI-43BTY ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente TRCZ s.r.o. dichiara che questo RI-43BTY è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Por medio de la presente TRCZ s.r.o. declara que el RI-43BTY cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
TRCZ s.r.o. declara que este RI-43BTY está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Hawnhekk, TRCZ s.r.o., jiddikjara li dan RI-43BTY jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab TRCZ s.r.o. seadme RI-43BTY vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, TRCZ s.r.o. nyilatkozom, hogy a RI-43BTY megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
TRCZ s.r.o. týmto vyhlasuje, že RI-43BTY spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
TRCZ s.r.o. tímto prohlašuje, že tento RI-43BTY je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
TRCZ s.r.o. izjavlja, da je ta RI-43BTY v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo TRCZ s.r.o. deklaruoja, kad šis RI-43BTY atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo TRCZ s.r.o. deklarē, ka RI-43BTY atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym TRCZ s.r.o. oświadcza, że RI-43BTY jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir TRCZ s.r.o. yfir því að RI-43BTY er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
TRCZ s.r.o. erklærer herved at utstyret RI-43BTY er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, TRCZ s.r.o., декларира, че RI-43BTY е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/EC.
Prin prezenta, TRCZ s.r.o., declară că aparatul RI-43BTY este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.

Ovim, TRCZ s.r.o., izjavljuje da ovaj RI-43BTY je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Nepermjet kesaj, TRCZ s.r.o., deklaroj qe ky RI-43BTY eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.
Ovim TRCZ s.r.o., izjavljuje da je RI-43BTY u sklau s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).
Ovim, TRCZ s.r.o., deklariše da je RI-43BTY u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.
İşbu belge ile TRCZ s.r.o., bu RI-43BTY ürününün 1999/5/EC Yönetmeliği'nin temel gerekliliklerine ve diğer ilgili hükümlerine uygun olduğunu beyan eder.

NOTICE

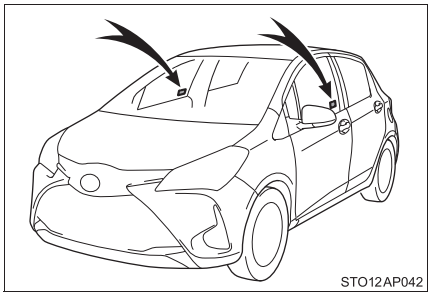
To ensure the system operates correctly

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 (vehicles with a smart entry & start system equipped with entry function):
Touch the sensor area on the outside door handle twice within 5 seconds.

Using the wireless remote control:

Press twice within 5 seconds.

*: If equipped

Canceling the double locking system

Using the entry function (vehicles with a smart entry & start system equipped with entry function):
Hold either front outside door handle or push up the back door opener switch.

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.

Instrument cluster 2

2. Instrument cluster

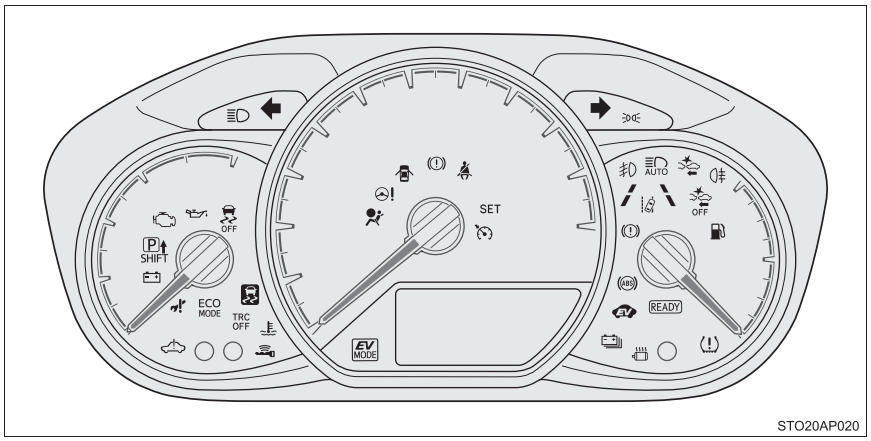
Warning lights and indicators 108
Gauges and meters (vehicles with monochrome display) 114
Gauges and meters (vehicles with color display) 117
Multi-information display (vehicles with monochrome display) 121
Multi-information display (vehicles with color display) 125
Energy monitor/ consumption screen 133

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.

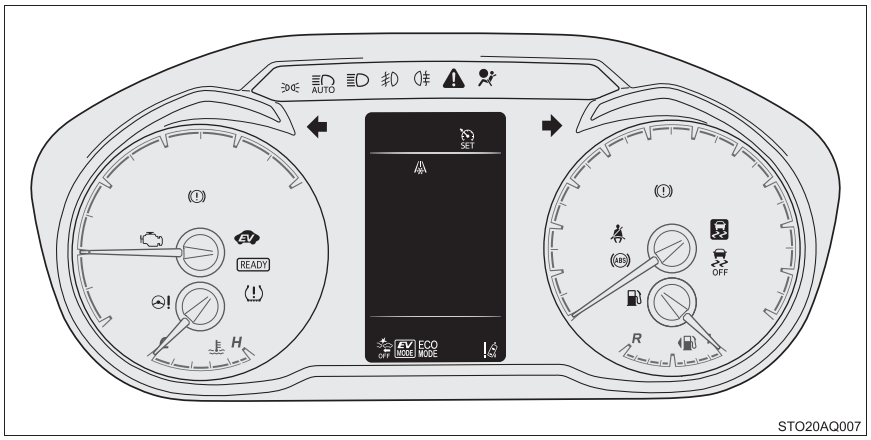
For the purpose of explanation, the following illustration displays all warning lights and indicators illuminated.

▶ Vehicles with monochrome display



STO20AP020

▶ Vehicles with color display



STO20AQ007

Warning lights

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

*1

(Red)
Brake system warning light (→P. 517)

*1

ABS warning light (→P. 519)

*1, 8

Charging system warning light (→P. 517)

*1

Electric power steering system warning light (→P. 519)

*9, 10

Charging system warning light (→P. 517)

*1, 2, 6


PCS warning light (→P. 519)

*1, 8

Low engine oil pressure warning light (→P. 518)

*1, 3

Slip indicator (→P. 520)

*9, 10

Low engine oil pressure warning light (→P. 518)

*2, 8


(Yellow)
Automatic High Beam indicator (→P. 520)

*1, 8

High engine coolant temperature warning light (→P. 518)

*1

(Yellow)
Brake system warning light (→P. 520)

*9, 10

High engine coolant temperature warning light (→P. 518)

*2, 8

(Yellow)
Cruise control indicator (→P. 520)

*1, 8

Hybrid system warning light (→P. 518)

*2, 8

(Yellow)
LDA indicator (→P. 520)

*1

Malfunction indicator lamp (→P. 518)

*2, 7, 8

(Yellow)
Lane marker indicators (→P. 520)

*1

SRS warning light (→P. 518)

*2, 4, 8

(Yellow)
Smart entry & start system indicator (→P. 521, 529)

*1, 8 
Low traction battery warning light (→P. 521)

*1, 2 
Tire pressure warning light (→P. 522)

*8 
Open door warning light (→P. 521)

*1, 9 
Master warning light (→P. 522)


Low fuel level warning light (→P. 521)

*1, 8 
Hybrid system overheat warning light (→P. 522)


Driver's and front passenger's seat belt reminder light (→P. 521)

*1, 8 

P position request warning light (→P. 523)

*5 
Rear passengers' seat belt reminder lights (→P. 521)

*3, 8 
Go to service warning light (→P. 524)

*1: These lights turn on when the power switch is turned to the "ON" position (vehicles without a smart entry & start system) or ON mode (vehicles with a smart entry & start system) to indicate that a system check is being performed. They will turn off after the hybrid system on, or after a few seconds. There may be a malfunction in a system if a light does not come on, or if the lights do not turn off. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

*2: If equipped

*3: The light turns on to indicate a malfunction.

*4: The light flashes in yellow to indicate a malfunction. The light flashes quickly in green to indicate that the steering lock has not been released.

*5: The light illuminate on the center panel.

*6: The light flashes to indicate a malfunction.

*7: The lights turn on with LDA indicator to indicate a malfunction.

*8: Vehicles with monochrome display

*9: Vehicles with color display

*10: The light illuminates on the multi-information display.

Indicators

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


Turn signal indicator (→P. 236)


Headlight high beam indicator (→P. 239)

*2

(Green)
Automatic High Beam indicator (→P. 287)


Tail light indicator (→P. 238)

*2

Front fog light indicator (→P. 244)


Rear fog light indicator (→P. 244)

*2, 8

(Green)
Smart entry & start system indicator (→P. 220)

*2

(Green)
Cruise control indicator (→P. 299)

*2


"SET" indicator (→P. 299)

*2

(Green)
LDA indicator (→P. 280)

*2, 7, 8

(Green)
Lane marker indicators (→P. 281)

*1, 3

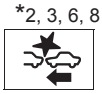
Slip indicator (→P. 304)

*1, 8


"TRC OFF" indicator (→P. 304)

*1


VSC OFF indicator (→P. 305)

*2, 3, 6, 8

PCS activation indicator (→P. 262, 267)

*1, 2, 5


PCS warning light (→P. 266)



EV drive mode indicator (→P. 229)



“ECO MODE” indicator (→P. 233)



EV indicator (→P. 88)



“READY” indicator (→P. 216, 220)

*4



“PASSENGER AIR BAG” indicator (→P. 56)

*9, 10



Ice warning indicator (→P. 117)

*1: These lights turn on when the power switch is turned to the “ON” position (vehicles without a smart entry & start system) or ON mode (vehicles with a smart entry & start system) to indicate that a system check is being performed. They will turn off after the hybrid system on, or after a few seconds. There may be a malfunction in a system if a light does not come on, or if the lights do not turn off. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

*2: If equipped

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

*4: This light illuminates on the center panel.

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

*6: The light comes on when system settings are changed.

*7: The light flashes in yellow to indicate that the vehicle is deviating from the lane.

*8: Vehicles with monochrome display

*9: Vehicles with color display

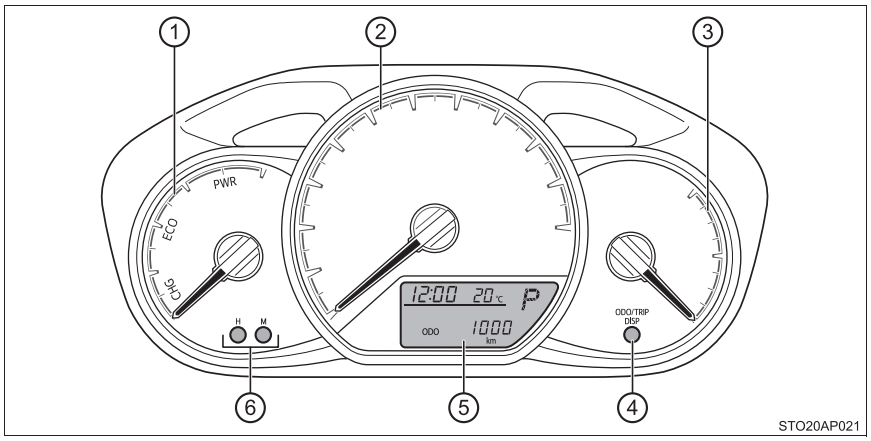
*10: When the outside temperature is approximately 3°C (37°F) or lower, the indicator will flash for approximately 10 seconds, then stay on.

WARNING

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

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

Gauges and meters (vehicles with monochrome display)



① Hybrid System Indicator

Displays hybrid system power output and regenerative level.

② Speedometer

Displays the vehicle speed.

③ Fuel gauge

Displays the quantity of fuel remaining in the tank.

④ Display change button

→P. 121

⑤ Multi-information display

→P. 121

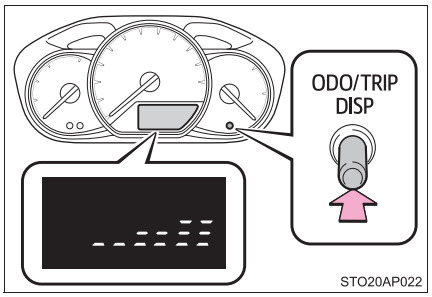
⑥ Clock adjusting buttons

→P. 123

Instrument cluster light control

The brightness of the instrument cluster lights (when the headlight switch is on and the surrounding area is dark) can be adjusted.

Display the instrument cluster light control by pressing the display change button. (→P. 121)
Then, press and hold the button. Adjust the brightness to the desired level by pressing the button.



The meters and display illuminate when

▶ Vehicles without a smart entry & start system

The power switch is in the “ON” position.

▶ Vehicles with a smart entry & start system

The power switch is in ON mode.

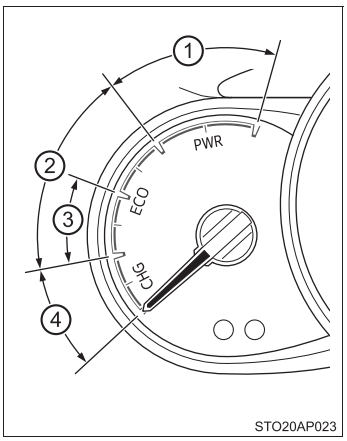
Hybrid System Indicator

① Power area
Shows that an Eco-friendly driving range is being exceeded (during full power driving, etc.)

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



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

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

Engine speed

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

Outside temperature display

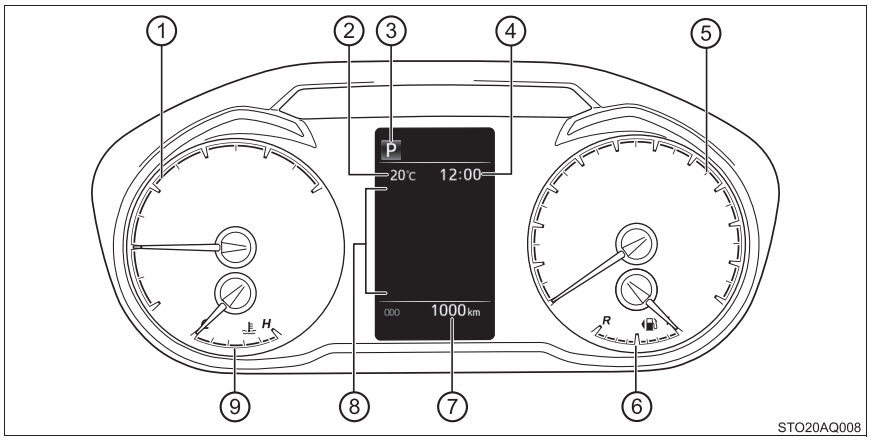
- In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change.
  - When stopped, or driving at low speeds (less than 25 km/h [16 mph])
  - When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)
- When “- -” or “E” is displayed, the system may be malfunctioning.
  Take your vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- The temperature range that can be displayed is from -40°C (-40°F) to 50°C (122°F).

NOTICE

To prevent damage to the engine and its components

The engine may be overheating if the high engine coolant temperature warning light flashes or comes on. In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely.
(→P. 581)

Gauges and meters (vehicles with color display)



① Hybrid System Indicator

Displays hybrid system power output and regenerative level.

② Outside temperature display

Displays the outside temperature within the range of -40°C (-40°F) to 50°C (122°F). Low outside temperature indicator comes on when the ambient temperature is 3°C (37°F) or lower.

③ Shift position display

Displays the selected shift position. (→P. 232)

④ Clock

Displays the current time. (→P. 123)

⑤ Speedometer

Displays the vehicle speed.

⑥ Fuel gauge

Displays the quantity of fuel remaining in the tank.

ⓖ Odometer and trip meter display:

Displays the following items.

Odometer:
Displays the total distance 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.

ⓗ Multi-information display

Presents the driver with a variety of driving-related data. (→P. 125)

Displays warning messages in case of a malfunction. (→P. 531)

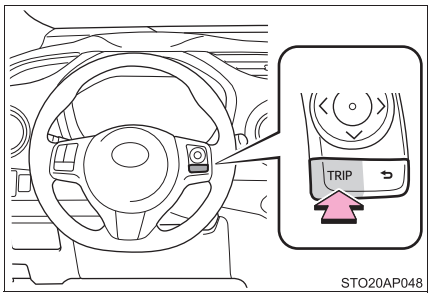
ⓘ Engine coolant temperature gauge

Displays the engine coolant temperature.

Changing the display

Switches the items of the odometer and trip meter display by pressing the “TRIP” switch.

When the trip meter is displayed, pressing and holding the “TRIP” switch will reset the trip meter.

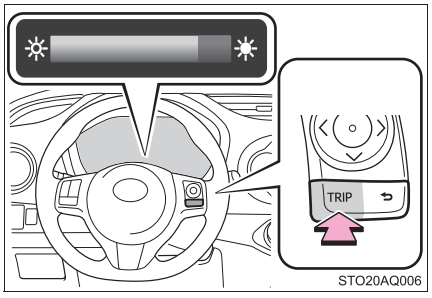


Instrument cluster light control

The brightness of the instrument cluster lights can be adjusted.

Display the instrument cluster light control by pressing the “TRIP” switch.

Then, press and hold the switch. Adjust the brightness to the desired level by pressing the switch.



■ **The meters and display illuminate when**

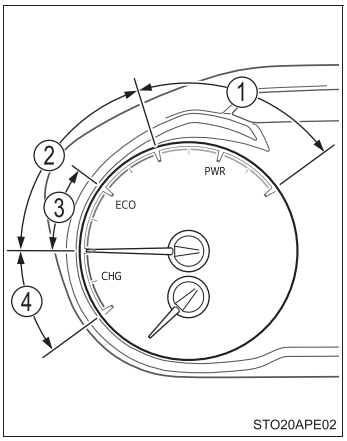
▶ Vehicles without a smart entry & start system

The power switch is in the “ON” position.

▶ Vehicles with a smart entry & start system

The power switch is in ON mode.

■ **Hybrid System Indicator**



① Power area
Shows that an Eco-friendly driving range is being exceeded (during full power driving, etc.)

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

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

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

■ **Engine speed**

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

■ **Instrument cluster brightness adjustment**

The brightness level of the meters when the surroundings are day mode and night mode can be adjusted individually.

- Day mode: When the headlight switch is off or when the headlight switch is on but the surrounding area is bright.
- Night mode: When the headlight switch is on and the surrounding area is dark

■ **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.)

● When “- -” or “E” is displayed, the system may be malfunctioning.
Take your vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

● The temperature range that can be displayed is from -40°C (-40°F) to 50°C (122°F).

⚠ NOTICE

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

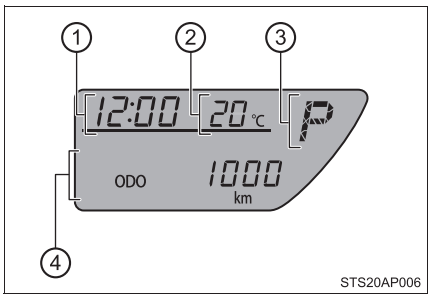
The engine may be overheating if the engine coolant temperature gauge is in the red zone (“H”). In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P. 581)

Multi-information display (vehicles with monochrome display)

The Multi-information display presents the driver with a variety of driving-related data including the clock.

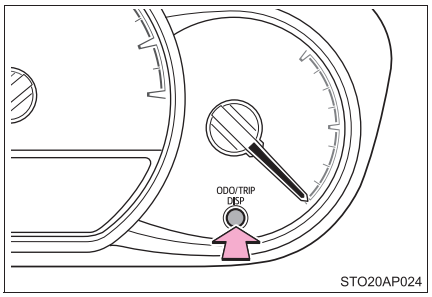
Display contents

① Clock (→P. 123)
② Outside temperature display
③ Shift position indicator (→P. 232)
④ Drive information (→P. 122)



Changing the display

Items displayed can be switched by pressing the display change button.



Drive information

Odometer

Displays the total distance 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.

Press and hold the button for longer than 1 second to reset. Pressing and holding the button while the trip meter is displayed will reset the trip meter to “0”.

Instantaneous fuel consumption

Displays the instantaneous of fuel consumption.

Use the displayed instantaneous fuel consumption as a reference.

Average fuel consumption

Displays the average rate of fuel consumption.

- The function can be reset by pressing the button for longer than 1 second when the average fuel consumption is displayed.
- Use the displayed average fuel consumption as a reference.

Driving 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 to the “LOCK” position (vehicles without a smart entry & start system) or off (vehicles with a smart entry & start system). If the vehicle is refueled without turning the power switch to the “LOCK” position or off, the display may not be updated.

Average vehicle speed

Displays the average vehicle speed since the hybrid system was last started.

EV indicator customization

EV indicator can be activated or deactivated by pressing the display change button when the EV indicator customization display is displayed.

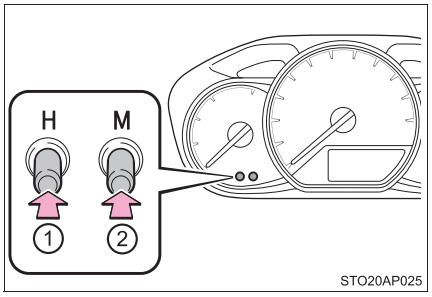
To change the EV indicator customization display, display the odometer and press and hold the display change button until the display changes.

Clock

The clock can be adjusted by pressing the buttons.

① Adjust the hours

② Adjust the minutes



■ When disconnecting and reconnecting battery terminals

The following information data will be reset.

- Average fuel consumption
- Driving range
- Average vehicle speed
- Clock data

■ Liquid crystal display

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

■ Changing the pre-crash warning timing

→P. 266

WARNING

■ Cautions during setting up the display

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

NOTICE

■ 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.

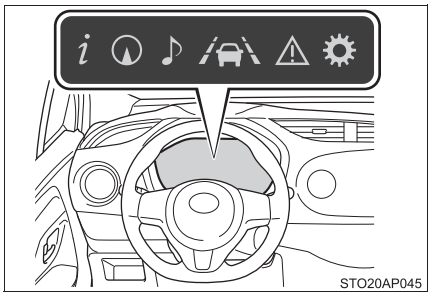
Multi-information display (vehicles with color display)

Display contents

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

● Menu icons

Displays the following information when an icon is selected. (→P. 126)
Some of the information may be displayed automatically depending on the situation.



Drive information

Select to display various drive data. (→P. 127)

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)

Audio system-linked display (if equipped)

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

Driving assist system information (if equipped)

Select to display the operational status of the following systems:
- LDA (Lane Departure Alert) (→P. 279)
- RSA (Road Sign Assist) (→P. 293)

Warning message display

Select to display warning messages and measures to be taken if a malfunction is detected. (→P. 531)

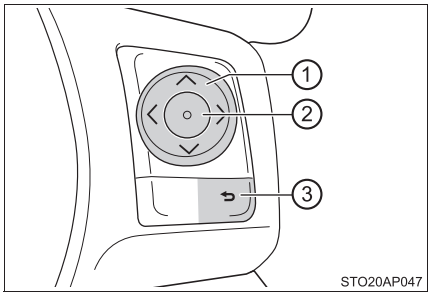
Settings display

Select to change the meter display settings and the operation settings of some vehicle functions. (→P. 128)

Operating the meter control switches

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

① Select an item/change pages
② Enter/set
③ Return to the previous screen



Drive information

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

- Average fuel consumption (after reset*/after start/after refuel)

  Displays the average fuel consumption since the function was reset, the hybrid system was on, and the vehicle was refueled, respectively

  Use the displayed average fuel consumption as a reference.

- Average vehicle speed (after reset*/after start)

  Displays the average vehicle speed since the function was reset and the hybrid system was on, respectively

- Elapsed time (after reset*/after start)

  Displays the elapsed time since the function was reset and the hybrid system was on, respectively

- Distance (driving range/after refuel)

  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.

- Energy monitor

  →P. 133

- Speedometer

  Displays the vehicle speed.

- Display off

  A blank screen is displayed

*: The function can be reset by pressing and holding the ⊙ of the meter control switches when the reset item is displayed.

Settings display

The settings of the following items can be changed, refer to P. 603.

For functions that can be enabled or disabled, the function switches between on and off each time ⊙ is pressed.

●  LDA (Lane Departure Alert) (→P. 279)*1

Select to set up the alert sensitivity.

●  RSA (Road Sign Assist) (→P. 293)*1

Select to set up the following items.

- Notification method (excess speed/other warnings)

  Select to change the notification method of the following warnings to no notification/display only/display and buzzer.

  Excess speed warning:

  Warns the driver if the vehicle exceeds the speed displayed on the speed limit sign on the multi-information display.

  Other warnings:

  Warns the driver if the system determines that the vehicle is overtaking when a no overtaking sign is displayed on the multi-information display.
- Excess speed notification level

  Select to set the speed threshold over which the excess speed warning starts to operate when a speed limit sign is displayed on the multi-information display.

● Clock

Adjusts the hour and minute, and switches between 12-hour and 24-hour display of the clock. (→P. 130)

● Settings

Select the menu to set up the following items.

- Language

  Select to change the language on the display.
- Units

  Select to change the unit of measure for the multi-information display.
-  (EV indicator) setup

  Select to activate/deactivate the EV indicator on/off.
- Drive information

  Select to select up to 2 items that will be displayed on a Drive information screen.
- Pop-up display

  Select to set the pop-up displays*2, which may appear in some situations, on/off.
- Default settings

  Registered or changed meter settings will be deleted or returned to their default setting.

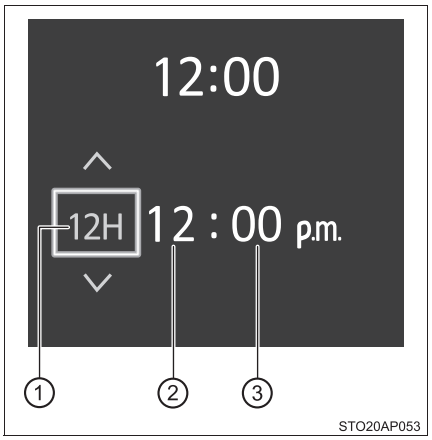
*1: If equipped

*2: Incoming call display of the hands-free phone system (if equipped).

Clock

The time can be adjusted through the for the multi-information display.

① Adjust the clock mode (12 or 24 hour)
② Adjust the hours
③ Adjust the minutes



■ Time adjustment

1 Press "∧" or "∨" of the meter control switches (→P. 126), select "Clock" and press ⊙.

2 Press "<" or ">" on the meter control switches, select hours*, minutes*, 12/24-hour clock, "∧" or "∨" of the meter control switches to adjust.

*: Press and hold the "∧" or "∨" button to scroll up or down.

3 When the adjustments are finished, press ⮌ and check the time.

- When the ⮌ button is pressed, the current displayed time is set.
- The clock display and adjustment is possible when the power switch is turned to the "ON" position (vehicles without a smart entry & start system) or ON mode (vehicles with a smart entry & start system).
- Adjustments may be suspended when a pop-up display, etc., appears during the adjustments.
  The currently displayed time may be set.

■ **Pop-up display**

In some situations, such as when a switch operation is performed, a pop-up display will be temporarily displayed on the multi-information display.
The pop-up display function can be set on/off.

■ **Setting display automatic cancelation**

“Settings” item in settings display is not selectable during driving and cannot be operated.
Also, the settings screen is temporarily canceled in the following situations.

- A warning message is displayed.
- The vehicle starts off.

■ **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.

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

The drive information and clock data will be reset.

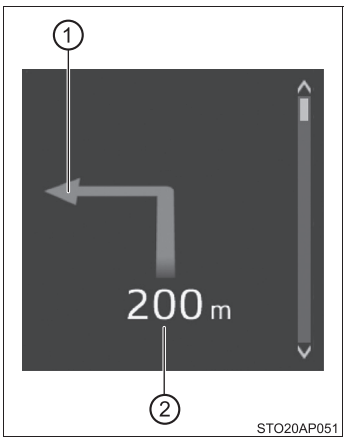
■ **Arrow guide navigation (vehicles with a navigation system)**

The arrow guide navigation appears only while route guidance of the navigation system is being performed. When a turn approaches, the distance to the turn and the turn direction are displayed.

① Turn direction

The image shown may differ from the actual intersection.

② Distance to the next turn



WARNING

■ **Caution for use while driving**

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

■ **Cautions during setting up the display**

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

NOTICE

■ **While setting up the display**

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

■ **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.

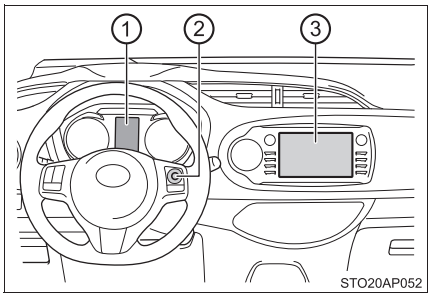
Energy monitor/consumption screen*

You can view the status of your vehicle on the multi-information display and the Navigation/Multimedia system screen.

① Multi-information display*1
② Meter control switches*1
③ Navigation/Multimedia system screen*2

*1: Vehicles with color display

*2: Vehicles with Navigation/Multimedia system



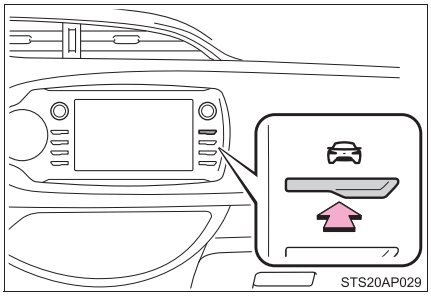
Energy monitor

▶ Multi-information display (vehicles with color display)

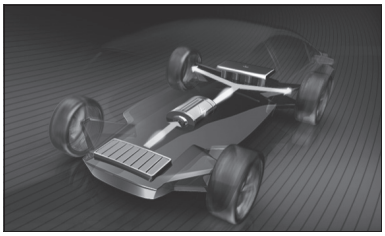
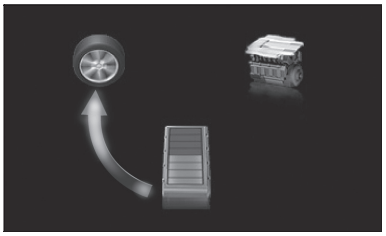
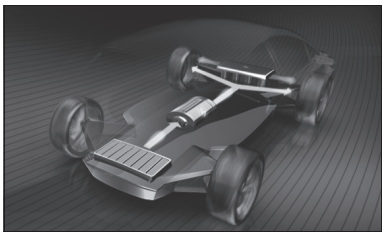
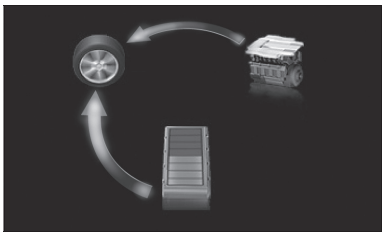
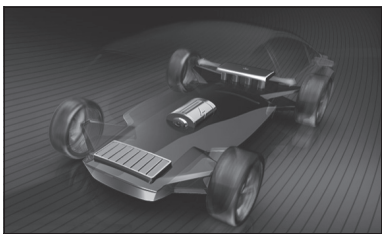
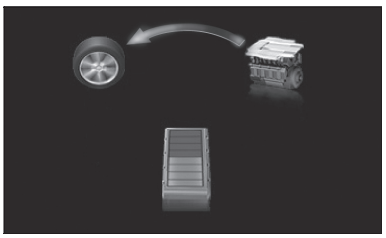
Press “<” or “>” of the meter control switches and select *i*, and then press “∧” or “∨” to select the energy monitor display.

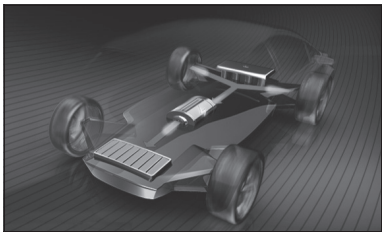
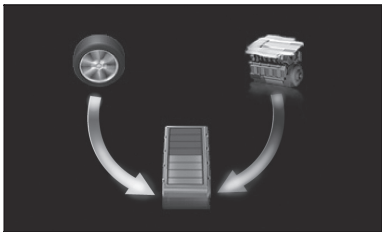
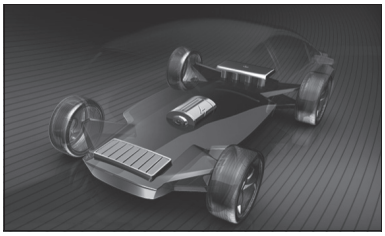
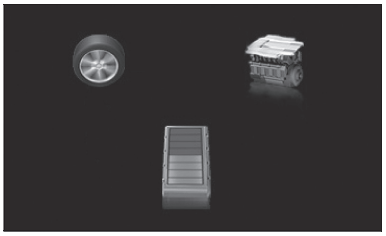
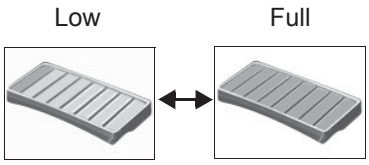
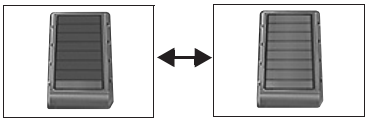
▶ Navigation/Multimedia system screen (vehicles with Navigation/Multimedia system)

Press , and then select “Energy monitor” on the screen.



*: If equipped

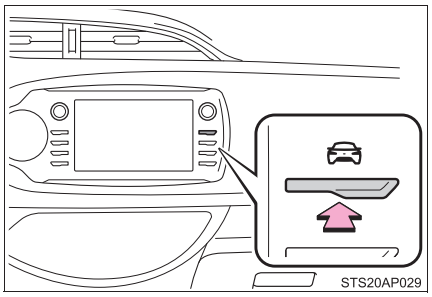
Navigation/Multimedia system screen	Multi-information display
When the vehicle is powered by the electric motor (traction motor)	
	
When the vehicle is powered by both the gasoline engine and the electric motor (traction motor)	
	
When the vehicle is powered by the gasoline engine	
	

Navigation/Multimedia system screen	Multi-information display
When the vehicle is charging the hybrid battery (traction battery)	
	
When there is no energy flow	
	
Hybrid battery (traction battery) status	
	

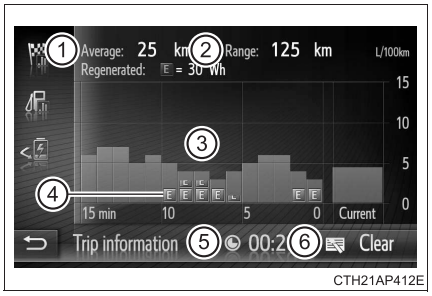
These images are examples only, and may vary slightly from actual conditions.

Trip information (Navigation/Multimedia system)

1 Press the button on the Navigation/Multimedia system.



2 Select “Trip information”.



① Displays the average vehicle speed since the hybrid system was started.

② Cruising range (→P. 138)

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 Displays the elapsed time since the hybrid system was started.

⑥ Resetting the consumption data

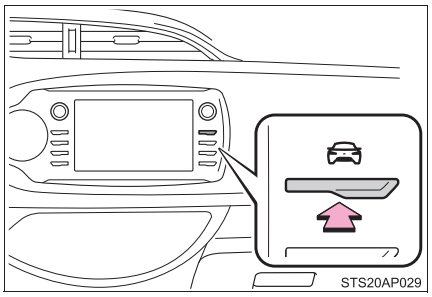
Vehicles without a smart entry & start system:
Average fuel consumption for the past 15 minutes is divided by color into past averages and averages attained since the power switch was last turned to the “ON” position. Use the displayed average fuel consumption as a reference.

Vehicles with a smart entry & start system:
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.

This image is an example only.

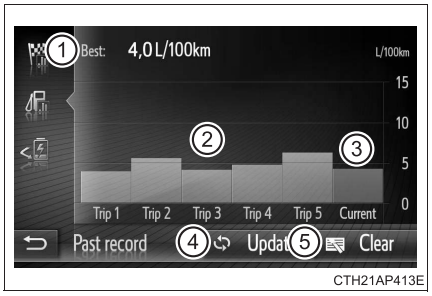
Past record (Navigation/Multimedia system)

1 Press the button on the Navigation/Multimedia system.



2 Select “Past record”.

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.

This image is an example only.

■ **Resetting the data**

- Selecting “Clear” on the “Trip information” screen will reset the trip information data.
- Selecting “Clear” on the “Past record” screen will reset the past record data.

■ **Updating the past record data**

Selecting “Update” on the “Past record” screen will update the past record data.
Also, the average fuel consumption displayed in the multi-information display will be reset at the same time. (vehicles with color display)

■ **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.....140
3-2. Opening, closing and locking the doors
Side doors.....152
Back door.....159
Smart entry & start system 164
3-3. Adjusting the seats
Front seats.....182
Rear seats 184
Head restraints 188
3-4. Adjusting the steering wheel and mirrors
Steering wheel.....191
Inside rear view mirror 193
Outside rear view mirrors...196
3-5. Opening and closing the windows
Power windows.....199

Keys

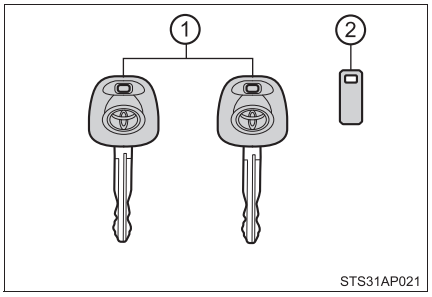
The keys

The following keys are provided with the vehicle.

▶ Vehicles without a smart entry & start system (type A)

① Keys

② Key number plate



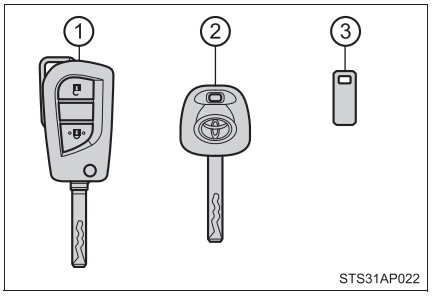
▶ Vehicles without a smart entry & start system (type B)

① Key (with a wireless remote control function)

Operating the wireless remote control function

② Key (without a wireless remote control function)

③ Key number plate

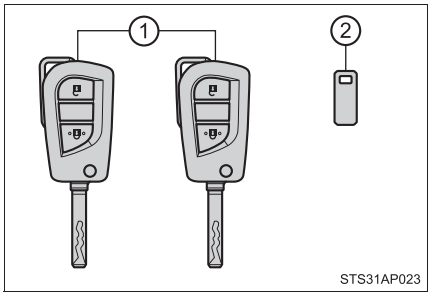


▶ Vehicles without a smart entry & start system (type C)

① Keys

Operating the wireless remote control function

② Key number plate

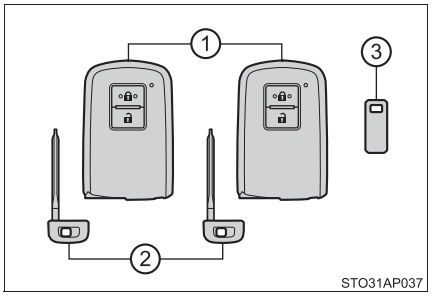


▶ Vehicles with a smart entry & start system

① Electronic keys
- Operating the smart entry & start system (→P. 164)
- Operating the wireless remote control function

② Mechanical keys

③ Key number plate



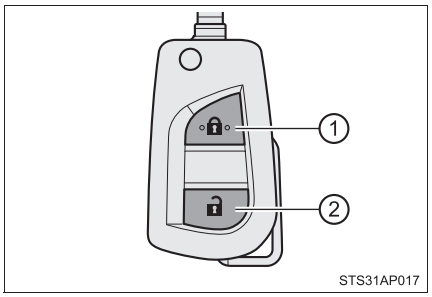
Wireless remote control (if equipped)

▶ Vehicles without a smart entry & start system

① Locks all the doors (→P. 153)

Check that the door is securely locked.

② Unlocks all the doors (→P. 153)

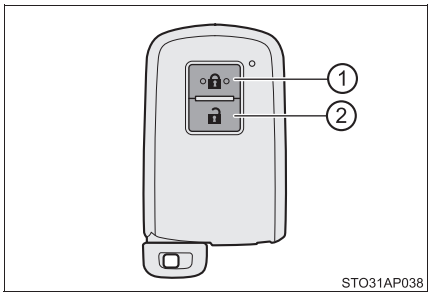


▶ Vehicles with a smart entry & start system

① Locks all the doors (→P. 153)

Check that the door is securely locked.

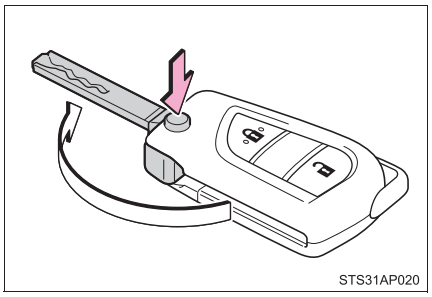
② Unlocks all the doors (→P. 153)



Using the key (vehicles without a smart entry & start system)

Press the button to open the key.

To stow, press the button then fold the key.

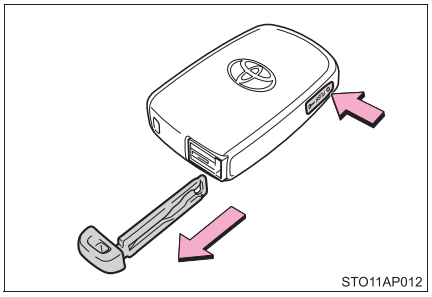

STS31AP020

Using the mechanical key (vehicles with a smart entry & start system)

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

The mechanical key can only be inserted in one direction, as the key only has grooves on one side.

If the key cannot be inserted in a lock cylinder, turn it over and reattempt to insert it.


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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 (if equipped) does not operate properly, you will need the mechanical key. (→P. 573)

■ **If you lose your keys**

New genuine keys can be made by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer using the other key and the key number stamped on your key number plate. Keep the plate in a safe place such as your wallet, not in the vehicle.

■ **When riding in an aircraft**

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

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

▶ Vehicles without a smart entry & start system

The wireless remote control function may not operate normally in the following situations:

- When the wireless 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 or other wireless communication devices
- When the wireless key is in contact with, or is covered by a metallic object
- When other wireless keys (that emit radio waves) are being used nearby
- If window tint with a metallic content or metallic objects are attached to the rear window

▶ Vehicles with a smart entry & start system

→P. 168

■ **Key battery depletion**

▶ Vehicles without a smart entry & start system

If the wireless remote control function does not operate, the battery may be depleted. Replace the battery when necessary. (→P. 477)

▶ Vehicles with a smart entry & start system

- The standard battery life is 1 to 2 years.
- If the battery becomes low, an alarm will sound in the cabin when the hybrid system stops. (→P. 477)
- 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. 477)
  - 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. 477

■ **Confirmation of the registered key number (vehicles with a smart entry & start system)**

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

■ **If a wrong key is used**

On some models, the key cylinder rotates freely to isolate inside mechanism.

■ **Customization**

Settings (e.g. wireless remote control system) can be changed.
(Customizable features: →P. 603)

Certification for the wireless remote control (vehicles without a smart entry & start system)

Valeo

Comfort and Driving Assistance Systems

Valeo Sécurité Habitacle
Product Group Interior Electronics
Business Group Comfort & Driving Assistance Systems

Declaration of Conformity

in accordance with 1999/5/EC (R&TTE Directive)

We,

Manufacturer: Valeo Securité Habitacle - Product Group Interior Electronics
Address: 76, rue Auguste Perret
F-94046 Créteil - Cedex
France

hereby declare under our sole responsibility that the product:
Product name: RF Receiver
Model No.: **A03RAA**

to which this declaration relates, complies with the essential protection requirements of R&TTE Directive (1999/5/ EC).
The product is compliant with the following standards and/or normative documents:

- Efficient use of radio spectrum:	EN 300 220-1 V2.3.1 (2010-02), EN 300 220-2 V2.3.1 (2010-02)
- Electromagnetic compatibility:	ETSI EN 301 489-1 V1.8.1 (2008-04) , EN 301 489-3 V1.4.1 (2002-08)
- Electrical Safety:	IEC 60950-1: 2005 (2nd Edition)/A1:2009 and EN 60950-1:2006/A11:2009/A1:2010/A12: 2011

CE marking: CE

Créteil, Nov.14, 2013

Jérôme Hugot
Certification & Regulation Engineer
Valeo Sécurité Habitacle
PG Interior Electronics
BG Comfort & Driving Assistance Systems

Valeo Sécurité Habitacle tímto prohlašuje, že tento A03RAA je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Ovime, Valeo Sécurité Habitacle izjavljuje da je model A03RAA je u skladu sa osnovnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Undertegnede Valeo Sécurité Habitacle erklærer herved, at følgende udstyr A03RAA overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Valeo Sécurité Habitacle , dass sich das Model A03RAA in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Käesolevaga kinnitab Valeo Sécurité Habitacle seadme A03RAA vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Hereby, Valeo Sécurité Habitacle declares that the model A03RAA is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Por medio de la presente Valeo Sécurité Habitacle declara que A03RAA cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Με την παρουσα Valeo Sécurité Habitacle δηλωνει οτι A03RAA συμμορφωνεται προσ τισ ουσιωδεισ απαιτησεισ και τισ λοιπεσ σχετικεσ διαταξεισ τησ οδηγιασ 1999/5/ΕΚ.
Par la présente Valeo Sécurité Habitacle déclare que les appareils modèle A03RAA sont conformes aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Con la presente Valeo Sécurité Habitacle dichiara che questo A03RAA è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Ar šo Valeo Sécurité Habitacle deklarē, ka A03RAA atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Šiuo Valeo Sécurité Habitacle deklaruoja, kad šis A03RAA atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Hierbij verklaart Valeo Sécurité Habitacle dat het toestel A03RAA in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Hawnhekk, Valeo Sécurité Habitacle , jiddikjara li dan A03RAA jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Alulírott, Valeo Sécurité Habitacle nyilatkozom, hogy a A03RAA megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Niniejszym Valeo Sécurité Habitacle oświadcza, że A03RAA jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Valeo Sécurité Habitacle declara que este A03RAA está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Valeo Sécurité Habitacle izjavlja, da je ta A03RAA v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Valeo Sécurité Habitacle týmto vyhlasuje, že A03RAA spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Valeo Sécurité Habitacle vakuuttaa täten että A03RAA tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Härmed intygar Valeo Sécurité Habitacle att denna A03RAA står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
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Valeo Sécurité Habitacle erklærer herved at utstyret A03RAA er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Ovime, Valeo Sécurité Habitacle izjavljuje da je model A03RAA je u skladu sa osnovnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
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Овиме, Valeo Sécurité Habitacle изјављује да је A03RAA модел је у складу са основним захтевима и другим релевантним одредбама Директиве 1999/5/ЕЦ.

Valeo

Comfort and Driving Assistance Systems

Valeo Sécurité Habitacle
Product Group Interior Electronics
Business Group Comfort & Driving Assistance Systems

Declaration of Conformity

in accordance with 1999/5/EC (R&TTE Directive)

We,

Manufacturer: Valeo Securité Habitacle - Product Group Interior Electronics
Address: 76, rue Auguste Perret
F-94046 Créteil - Cedex
France

hereby declare under our sole responsibility that the product:
Product name: RF Transmitter
Model No.: **A03TAA**

to which this declaration relates, complies with the essential protection requirements of R&TTE Directive (1999/5/EC).
The product is compliant with the following standards and/or normative documents:

- Efficient use of radio spectrum:	EN 300 220-1 V2.3.1 (2010-02), EN 300 220-2 V2.3.1 (2010-02)
- Electromagnetic compatibility:	ETSI EN 301 489-1 V1.8.1 (2008-04) , EN 301 489-3 V1.4.1 (2002-08)
- Electrical Safety:	IEC 60950-1: 2005 (2nd Edition)/A1:2009 and EN 60950-1:2006/A11:2009/A1:2010

CE marking: CE 0682

Créteil, Nov. 14, 2013

Jérôme Hugot
Certification & Regulation Engineer
Valeo Sécurité Habitacle
PG Interior Electronics
BG Comfort & Driving Assistance Systems

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Hiermit erklärt Valeo Sécurité Habitacle , dass sich das Model A03TAA in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Käesolevaga kinnitab Valeo Sécurité Habitacle seadme A03TAA vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Hereby, Valeo Sécurité Habitacle declares that the model A03TAA is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Por medio de la presente Valeo Sécurité Habitacle declara que A03TAA cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
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Par la présente Valeo Sécurité Habitacle déclare que les appareils modèle A03TAA sont conformes aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Con la presente Valeo Sécurité Habitacle dichiara che questo A03TAA è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Ar šo Valeo Sécurité Habitacle deklarē, ka A03TAA atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
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Valeo Sécurité Habitacle erklærer herved at utstyret A03TAA er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF
Ovime, Valeo Sécurité Habitacle izjavljuje da je model A03TAA je u skladu sa osnovnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Ovime, Valeo Sécurité Habitacle izjavljuje da je model A03TAA je u skladu sa osnovnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Овиме, Valeo Sécurité Habitacle изјављује да је A03TAA модел је у складу са основним захтевима и другим релевантним одредбама Директиве 1999/5/ЕЦ.

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 a long periods of time.
- Do not get the keys wet or wash them in an ultrasonic washer etc.
- Do not attach metallic or magnetic materials to the keys or place the keys close to such materials.
- Do not disassemble the keys.
- Do not attach a sticker or anything else to the surface of the key.
- Vehicles with a smart entry & start system: Do not place the keys near objects that produce magnetic fields, such as TVs, audio systems, induction cookers, or medical electrical equipment, such as low-frequency therapy equipment.

■ **Carrying the electronic key on your person (vehicles with a smart entry & start system)**

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 (vehicles with a smart entry & start system)**

Take your vehicle with all the electronic keys provided with your vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **When an electronic key is lost (vehicles with a smart entry & start system)**

If the electronic key remains lost, the risk of vehicle theft increases significantly. Visit any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately with all remaining electronic keys that were provided with your vehicle.

Side doors

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

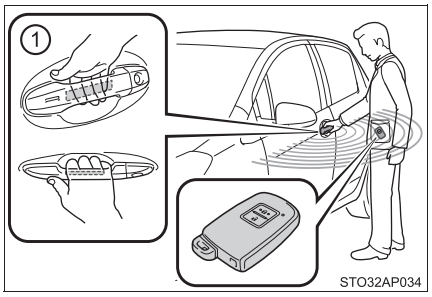
Unlocking and locking the doors from the outside

◆ Entry function (vehicles with a smart entry & start system equipped with entry function)

Carry the electronic key to enable this function.

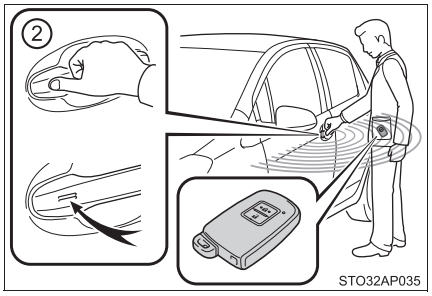
① Grip the front door handle to unlock all the doors.

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



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

Check that the door is securely locked.



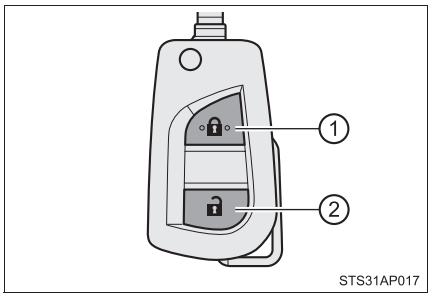
◆ Wireless remote control (if equipped)

▶ Vehicles without a smart entry & start system

① Locks all the doors

Check that the door is securely locked.

② Unlocks all the doors

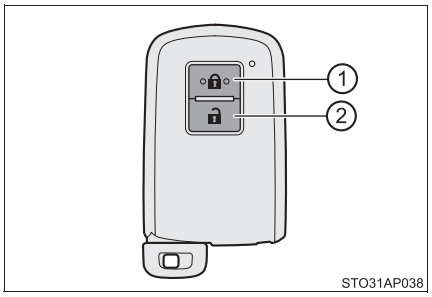


▶ Vehicles with a smart entry & start system

① Locks all the doors

Check that the door is securely locked.

② Unlocks all the doors



◆ Keys

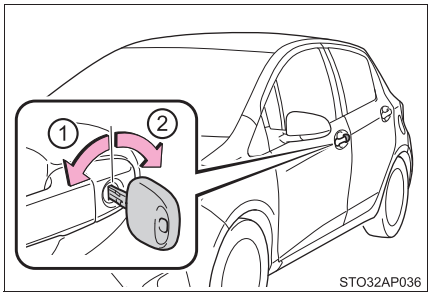
Turning the key operates the doors as follows:

▶ Vehicles without a smart entry & start system

■ Driver's door

① Locks all the doors

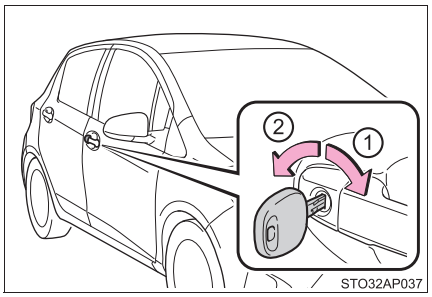
② Unlocks all the doors



■ Front passenger's door (vehicles with a key cylinder)

① Locks the door

② Unlocks the door



▶ Vehicles with a smart entry & start system

The doors can also be locked and unlocked with the mechanical key. (→P. 573)

■ **Operation signals (vehicles with an entry function or wireless remote control)**

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

■ **Security feature (wireless remote control)**

▶ Vehicles without a smart entry & start system

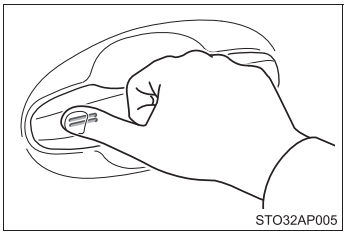
If a door is not opened within approximately 30 seconds after the vehicle is unlocked, the security feature automatically locks the vehicle again.

▶ Vehicles with a smart entry & start system

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

■ **When the door cannot be locked by the lock sensor (vehicles with a smart entry & start system equipped with entry function)**

Use your thumb to push lock sensor.



■ **Door lock buzzer (vehicles with a smart entry & start system equipped with entry function)**

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

■ **If the entry function (vehicles with a smart entry & start system equipped with entry function) or the wireless remote control (if equipped) does not operate properly**

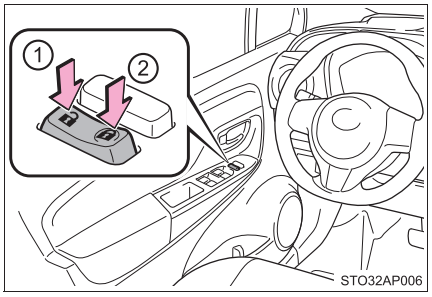
- Vehicles without a smart entry & start system: Use the key to lock and unlock the doors. (→P. 154)
- Vehicles with a smart entry & start system: Use the mechanical key to lock and unlock the doors. (→P. 573)
- Replace the key battery with a new one if it is depleted. (→P. 477)

Unlocking and locking the doors from the inside

◆ Door lock switch

① Unlocks all the doors

② Locks all the doors

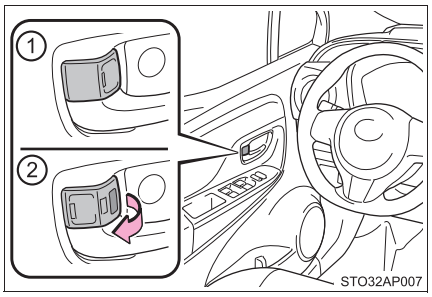


◆ Inside door lock buttons

① Locks the doors

② Unlocks the doors

The front doors can be opened by pulling the inside handle even if the inside door lock button is in the lock position.



Locking the front door 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.

▶ Vehicles without a smart entry & start system

The door cannot be locked if the key is in the power switch.

▶ Vehicles with a smart entry & start system

The door cannot be locked if the power switch is in ACCESSORY or ON mode, or the electronic key is left inside the vehicle. However, the key may not be detected correctly and the door may be locked.

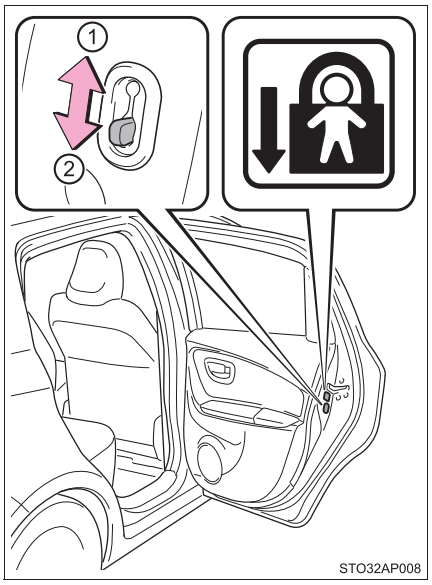
Rear door child-protector lock

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.



■ **Open door warning buzzer**

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

Vehicles with color display only: The open door(s) or back door is indicated on the multi-information display.

■ **Conditions affecting the operation**

▶ Vehicles without a smart entry & start system

→P. 143

▶ Vehicles with a smart entry & start system

→P. 168

■ **If the smart entry & start system has been deactivated in a customized setting (vehicles with a smart entry & start system)**

Use the wireless remote control or mechanical key. (→P. 153, 573)

⚠ WARNING

■ **To prevent an accident**

Observe the following precautions while driving the vehicle.
Failure to do so may result in a door opening and an occupant falling out, resulting in death or serious injury.

- Always use a seat belt.
- Ensure that all the doors are properly closed.
- Do not pull the inside handle of the doors while driving.
  The doors may be opened and the passengers are thrown out of the vehicle and it may result in serious injury or death.

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

Back door

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

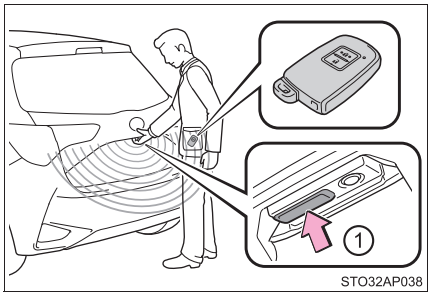
Unlocking and locking the back door

◆ Entry function (vehicles with a smart entry & start system equipped with entry function)

Carry the electronic key to enable this function.

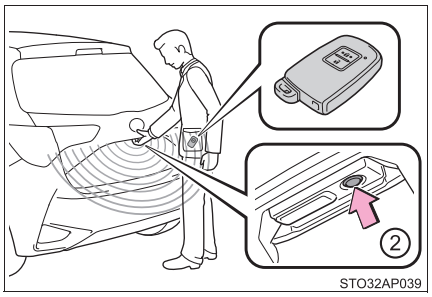
① Press the button to unlock the back door.

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



② Press the button to lock the back door.

Check that the door is securely locked.



◆ Wireless remote control (if equipped)

→P. 153

◆ Door lock switch

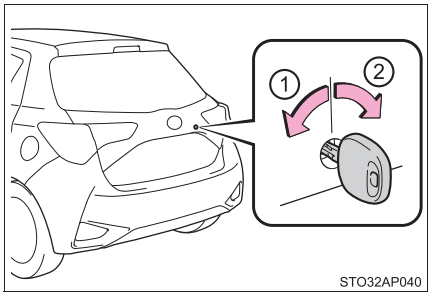
→P. 156

◆ Keys

From the back door (vehicles with a back door key cylinder):

① Unlocks all the doors

② Locks all the doors

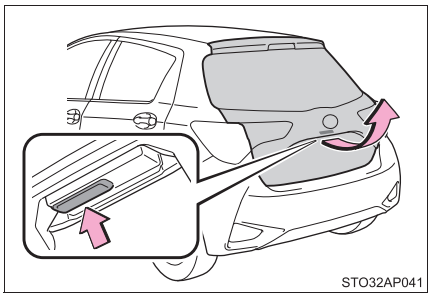


From the driver's door: →P. 154

Opening the back door from the outside the vehicle

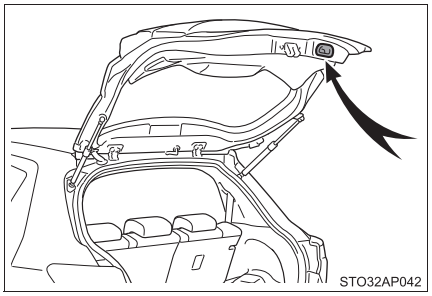
Raise the back door while pushing up the back door opener switch.

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



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.



■ **Operation signals (vehicles with an entry function or wireless remote control)**

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

■ **Open door warning buzzer**

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

Vehicles with color display only: The open door(s) or back door is indicated on the multi-information display.

■ **Luggage compartment light**

The luggage compartment lights turn on when the back door is opened.

⚠ WARNING

■ **Caution while driving**

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

■ **When children are in the vehicle**

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

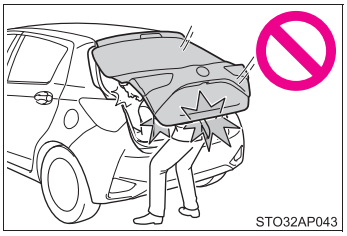
- Do not allow children to play in the luggage compartment.
  If a child is accidentally locked in the luggage compartment, they could have heat exhaustion or other injuries.
- Do not allow a child to open or close the back door.
  Doing so may cause the back door to move unexpectedly, or cause the child's hands, head, or neck to be caught by the closing back door.

WARNING

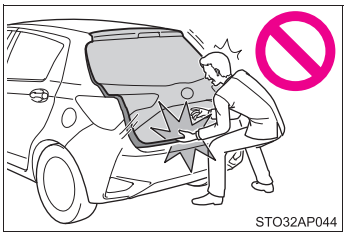
■ **Operating the back door**

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

- Remove any heavy loads, such as snow and ice, from the back door before opening it. Failure to do so may cause the back door to suddenly shut again after it is opened.
- When opening or closing the back door, thoroughly check to make sure the surrounding area is safe.
- If anyone is in the vicinity, make sure they are safe and let them know that the back door is about to open or close.
- Use caution when opening or closing the back door in windy weather as it may move abruptly in strong wind.
- 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.


STO32AP043

- 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.


STO32AP044

WARNING

- 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.

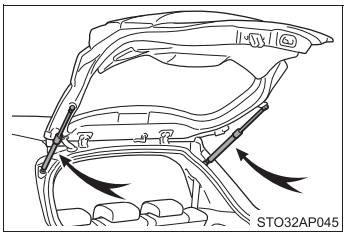
NOTICE

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 heavy accessory to the back door. Toyota recommends genuine Toyota parts.
- 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.)

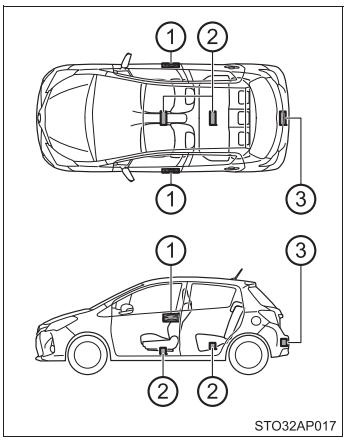
- Locks and unlocks the doors (vehicles with an entry function) (→P. 152)
- Locks and unlocks the back door (vehicles with an entry function) (→P. 159)
- Starts the hybrid system (→P. 220)

Antenna location

① Antennas outside the cabin (vehicles with an entry function)

② Antennas inside the cabin

③ Antenna outside the luggage compartment (vehicles with an entry function)

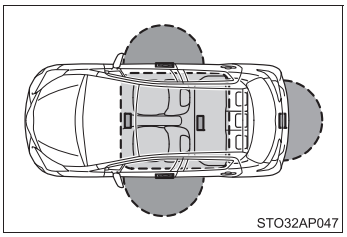


*: If equipped

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

When locking or unlocking the doors (vehicles with an entry function)

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



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 indicators**

Vehicles with monochrome display: A combination of exterior and interior alarms as well as warning lights are used to prevent theft of the vehicle and unforeseeable accidents resulting from erroneous operation. Take appropriate measures for the warning light that comes on. (→P. 529)

Vehicles with color display: A combination of exterior and interior buzzers as well as warning messages shown on the multi-information display are used to prevent theft of the vehicle and accidents resulting from erroneous operation. Take appropriate measures based on the displayed message. (→P. 531)

The following table describes circumstances and correction procedures when only alarms are sounded.

Alarm	Situation/Actions
Exterior alarm sounds once for 5 seconds	• An attempt was made to lock the doors using the smart entry & start system while the electronic key was still inside the vehicle. → **Retrieve the electronic key from the vehicle and lock the doors again.** • 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/Actions
Interior alarm pings once and exterior alarm sounds once for 5 seconds	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.**
Interior alarm pings once and exterior alarm sounds once for 5 seconds (on some models)	An attempt was made to lock the doors other than using the smart entry & start system while the electronic key was still inside the vehicle. → **Retrieve the electronic key from the vehicle and lock the doors again.**
Interior alarm sounds continuously	The power switch was turned to ACCESSORY mode while the driver's door was open (or the driver's door was opened while the power switch was in ACCESSORY mode). → **Turn the power switch off and close the driver's door.**
Interior alarm sounds continuously*	The driver's door was opened while any shift position other than P was selected without turning off the power switch. → **Shift the shift lever to P.**

*: Vehicles with monochrome display

■ **When the smart entry & start system indicator flashes in yellow (vehicles with monochrome display) or "Check entry & start system." is displayed on the multi-information display (vehicles with color display)**

The system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **Battery-saving function (vehicles with an entry function)**

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

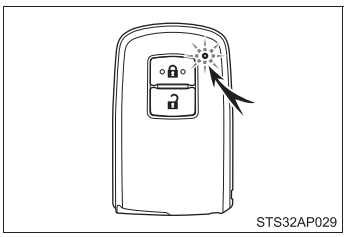
- In the following situations, the smart entry & start system may take some time to unlock the doors.
  - The electronic key has been left in an area of approximately 2 m (6 ft.) of the outside of the vehicle for 10 minutes or longer.
  - The smart entry & start system has not been used for 5 days or 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.

■ **Electronic key battery-saving function**

When battery-saving mode is set, battery depletion is minimized by stopping the electronic key from receiving radio waves.

Press twice while pressing and holding . Confirm that the electronic key indicator flashes 4 times.

While the battery-saving mode is set, the smart entry & start system cannot be used. To cancel the function, press any of the electronic key buttons.


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■ **Conditions affecting operation**

The smart entry & start system uses weak radio waves. In the following situations, the communication between the electronic key and the vehicle may be affected, preventing the smart entry & start system, wireless remote control and immobilizer system from operating properly.
(Ways of coping: →P. 573)

- When the electronic key battery is depleted
- Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When carrying a portable radio, cellular phone, cordless phone or other wireless communication device
- When the electronic key is in contact with, or is covered by the following metallic objects
  - Cards to which aluminum foil is attached
  - Cigarette boxes that have aluminum foil inside
  - Metallic wallets or bags
  - Coins
  - Hand warmers made of metal
  - Media such as CDs and DVDs
- When other wireless keys (that emit radio waves) are being used nearby
- When carrying the electronic key together with the following devices that emit radio waves
  - Portable radio, cellular phone, cordless phone or other wireless communication device
  - Another vehicle's electronic key or a wireless key that emits radio waves
  - Personal computers or personal digital assistants (PDAs)
  - Digital audio players
  - Portable game systems
- If window tint with a metallic content or metallic objects are attached to the rear window
- When the electronic key is placed near a battery charger or electronic devices

■ **Notes for the entry function (vehicles with an entry function)**

- Even when the electronic key is within the effective range (detection areas), the system may not operate properly in the following case:
  - 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 cover (if equipped) or floor, or in the door pockets, glove box, accessory box of the instrument panel, or in/near the front cup holder when the engine is started or engine switch modes are changed.
- Do not leave the electronic key on top of the instrument panel or near the door pockets when exiting the vehicle. Depending on the radio wave reception conditions, it may be detected by the antenna outside the cabin and the door will become lockable from the outside, possibly trapping the electronic key inside the vehicle.
- As long as the electronic key is within the effective range, the doors may be locked or unlocked by anyone.
- Even if the electronic key is not inside the vehicle, it may be possible to start the engine 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 or unlock sensor while wearing gloves may prevent lock or unlock operation.

- When the lock operation is performed using the lock sensor, recognition signals will be shown up to two consecutive times. After this, no recognition signals will be given.
- If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. In that case, follow the following correction procedures to wash the vehicle:
  - Place the electronic key in a location 2 m (6 ft.) or more away from the vehicle. (Take care to ensure that the key is not stolen.)
- Vehicles with monochrome display: If the electronic key is inside the vehicle and a door handle becomes wet during a car wash, a buzzer will sound outside the vehicle. To turn off the alarm, lock all the doors.
- Vehicles with color display: If the electronic key is inside the vehicle and a door handle becomes wet during a car wash, a message may be shown on the multi-information display and a buzzer will sound outside the vehicle. To turn off the alarm, lock all the doors.
- The lock sensor may not work properly if it comes into contact with ice, snow, mud, etc. Clean the lock sensor and attempt to operate it again.
- A sudden handle operation or a handle operation immediately after entering the effective range may prevent the doors from being unlocked. Touch the door unlock sensor and check that the doors are unlocked before pulling the door handle again.
- If there is another electronic key in the detection area, it may take slightly longer to unlock the doors after the door handle is gripped.

When the vehicle is not driven for extended periods

- To prevent theft of the vehicle, do not leave the electronic key within 2 m (6 ft.) of the vehicle.
- The smart entry & start system can be deactivated in advance. (→P. 603)

■ **To operate the system properly**

Make sure to carry the electronic key when operating the system. Do not get the electronic key too close to the vehicle when operating the system from the outside of the vehicle.
Depending on the position and holding condition of the electronic key, the key may not be detected correctly and the system may not operate properly. (The alarm may go off accidentally, or the door lock prevention function may not operate.)

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

- Locking and unlocking the doors: Use the mechanical key. (→P. 573)
- Starting the hybrid system: →P. 574

■ **Customization**

Settings (e. g. smart entry & start system) can be changed.
(Customizable features: →P. 603)

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

- Locking and unlocking the doors:
  Use the wireless remote control or mechanical key. (→P. 141, 573)
- Starting the hybrid system and changing power switch modes: →P. 574
- Stopping the hybrid system: →P. 222

Certification for the smart entry & start system

CE

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

Hereby, TRCZ s.r.o., declares that this BA7EQ is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
TRCZ s.r.o. vakuuttaa täten että BA7EQ tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart TRCZ s.r.o. dat het toestel BA7EQ in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Par la présente TRCZ s.r.o. déclare que l'appareil BA7EQ est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar TRCZ s.r.o. att denna BA7EQ står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Undertegnede TRCZ s.r.o. erklærer herved, at følgende udstyr BA7EQ overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt TRCZ s.r.o., dass sich das Gerät BA7EQ in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ TRCZ s.r.o. ΔΗΛΩΝΕΙ ΟΤΙ BA7EQ ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente TRCZ s.r.o. dichiara che questo BA7EQ è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Por medio de la presente TRCZ s.r.o. declara que el BA7EQ cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
TRCZ s.r.o. declara que este BA7EQ está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, TRCZ s.r.o., jiddikjara li dan BA7EQ jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab TRCZ s.r.o. seadme BA7EQ vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, TRCZ s.r.o. nyilatkozom, hogy a BA7EQ megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
TRCZ s.r.o. týmto vyhlasuje, že BA7EQ spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

TRCZ s.r.o. tímto prohlašuje, že tento BA7EQ je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
TRCZ s.r.o. izjavlja, da je ta BA7EQ v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo TRCZ s.r.o. deklaruoja, kad šis BA7EQ atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo TRCZ s.r.o. deklarē, ka BA7EQ atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym TRCZ s.r.o. oświadcza, że BA7EQ jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir TRCZ s.r.o. yfir því að BA7EQ er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
TRCZ s.r.o. erklærer herved at utstyret BA7EQ er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, TRCZ s.r.o., декларира, че BA7EQ е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.
Prin prezenta, TRCZ s.r.o., declară că aparatul BA7EQ este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, TRCZ s.r.o., izjavljuje da ovaj BA7EQ je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Nepermjet kesaj, TRCZ s.r.o., deklaroj qe ky BA7EQ eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.
Ovim TRCZ s.r.o., izjavljuje da je BA7EQ u sklau s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).
Ovim, TRCZ s.r.o., deklariše da je BA7EQ u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.
İşbu belge ile TRCZ s.r.o., bu BA7EQ ürününün 1999/5/EC Yönetmeliği'nin temel gerekliliklerine ve diğer ilgili hükümlerine uygun olduğunu beyan eder.

CE

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

Hereby, Tokai Rika Co., Ltd., declares that this BC2UM is in compliance with the essential requirements and other relevant provisions of Directives 1999/5/EC.
Tokai Rika Co., Ltd. vakuuttaa täten että BC2UM 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 BC2UM 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 BC2UM est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar Tokai Rika Co., Ltd. att denna BC2UM 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 BC2UM overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Tokai Rika Co., Ltd., dass sich das Gerät BC2UM 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 BC2UM 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 BC2UM 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 BC2UM 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 BC2UM está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, Tokai Rika Co., Ltd., jiddikjara li dan BC2UM jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab Tokai Rika Co., Ltd. seadme BC2UM vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Tokai Rika Co., Ltd. nyilatkozom, hogy a BC2UM megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Tokai Rika Co., Ltd. týmto vyhlasuje, že BC2UM spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Tokai Rika Co., Ltd. tímto prohlašuje, že tento BC2UM je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Tokai Rika Co., Ltd. izjavlja, da je ta BC2UM v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Tokai Rika Co., Ltd. deklaruoja, kad šis BC2UM atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Tokai Rika Co., Ltd. deklarē, ka BC2UM atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Tokai Rika Co., Ltd. oświadcza, że BC2UM jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Tokai Rika Co., Ltd. yfir því að BC2UM er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Tokai Rika Co., Ltd. erklærer herved at utstyret BC2UM er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

С настоящето, Tokai Rika Co., Ltd., декларира, че BC2UM е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.
Prin prezenta, Tokai Rika Co., Ltd., declară că aparatul BC2UM este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, Tokai Rika Co., Ltd., izjavljuje da ovaj BC2UM je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Nepermjet kesaj, Tokai Rika Co., Ltd., deklaroj qe ky BC2UM eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.
Ovim Tokai Rika Co., Ltd., izjavljuje da je BC2UM 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 BC2UM u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.
İşbu belge ile Tokai Rika Co., Ltd., bu BC2UM ürününün 1999/5/EC Yönetmeliği'nin temel gerekliliklerine ve diğer ilgili hükümlerine uygun olduğunu beyan eder.

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: TMLF10-54
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: August 26, 2014

Signature: Hiroki Okada

Hiroki Okada

Hereby, Toyota Motor Corporation, declares that this TMLF10-54 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Toyota Motor Corporation vakuuttaa täten että TMLF10-54 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart Toyota Motor Corporation dat het toestel TMLF10-54 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 TMLF10-54 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar Toyota Motor Corporation att denna TMLF10-54 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 TMLF10-54 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Toyota Motor Corporation, dass sich das Gerät TMLF10-54 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 TMLF10-54 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente Toyota Motor Corporation dichiara che questo TMLF10-54 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 TMLF10-54 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Toyota Motor Corporation declara que este TMLF10-54 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, Toyota Motor Corporation, jiddikjara li dan TMLF10-54 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab Toyota Motor Corporation seadme TMLF10-54 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Toyota Motor Corporation nyilatkozom, hogy a TMLF10-54 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Toyota Motor Corporation týmto vyhlasuje, že TMLF10-54 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Toyota Motor Corporation tímto prohlašuje, že tento TMLF10-54 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Toyota Motor Corporation izjavlja, da je ta TMLF10-54 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Toyota Motor Corporation deklaruoja, kad šis TMLF10-54 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Toyota Motor Corporation deklarē, ka TMLF10-54 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Toyota Motor Corporation oświadcza, że TMLF10-54 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Toyota Motor Corporation yfir því að TMLF10-54 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

Toyota Motor Corporation erklærer herved at utstyret TMLF10-54 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, Toyota Motor Corporation, декларира, че TMLF10-54 е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.
Prin prezenta, Toyota Motor Corporation, declară că aparatul TMLF10-54 este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, Toyota Motor Corporation, izjavljuje da ovaj TMLF10-54 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Nepermjet kesaj, Toyota Motor Corporation, deklaroj qe ky TMLF10-54 eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.
Ovim Toyota Motor Corporation, izjavljuje da je TMLF10-54 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 TMLF10-54 u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.
İşbu belge ile Toyota Motor Corporation, bu TMLF10-54 ürününün 1999/5/EC Yönetmeliği'nin temel gerekliliklerine ve diğer ilgili hükümlerine uygun olduğunu beyan eder.

WARNING

■ **Caution regarding interference with electronic devices**

- People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should maintain a reasonable distance between themselves and the smart entry & start system antennas. (→P. 164)
  The radio waves may affect the operation of such devices. If necessary, the entry function can be disabled. Ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for details, such as the frequency of radio waves and timing of the emitted radio waves. Then, consult your doctor to see if you should disable the entry function.
- Users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves.
  Radio waves could have unexpected effects on the operation of such medical devices.

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

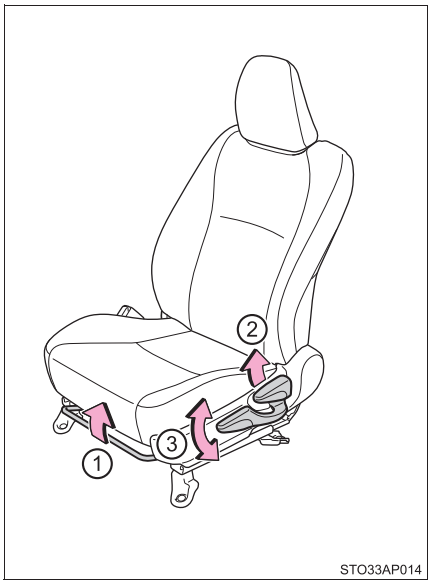
Front seats

Adjustment procedure

① Seat position adjustment lever

② Seatback angle adjustment lever

③ Vertical height adjustment lever (if equipped)



WARNING

■ **When adjusting the seat position**

- Take care when adjusting the seat position to ensure that other passengers are not injured by the moving seat.
- Do not put your hands under the seat or near the moving parts to avoid injury.
  Fingers or hands may become jammed in the seat mechanism.

■ **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.
- After adjusting the seat, make sure that the seat is locked in position.
- Never allow anyone to touch seatback lock release levers while the vehicle is moving.
- If anyone is in the vicinity, make sure they are clear of the seat back path and let them know that the seat is about to move.

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

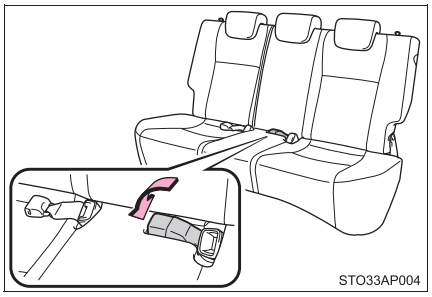
Make sure the seatback is securely locked by pushing it forward and rearward. Failure to do so may result in death or serious injury.

Rear seats

The seatbacks of the rear seats can be folded down.

Folding down the rear seatbacks

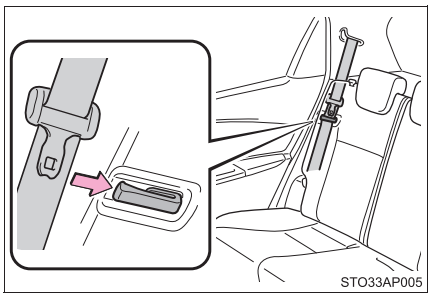
1 Stow the rear seat belt buckles as shown.



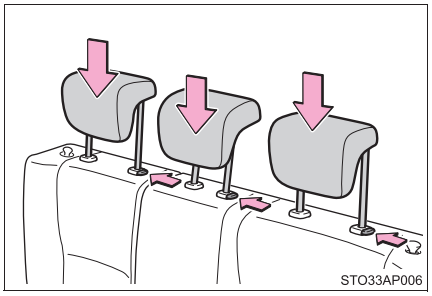
2 Stow the seat belts.

Center: →P. 38

Outside: Use the seat belt hangers to prevent the belts from being tangled.

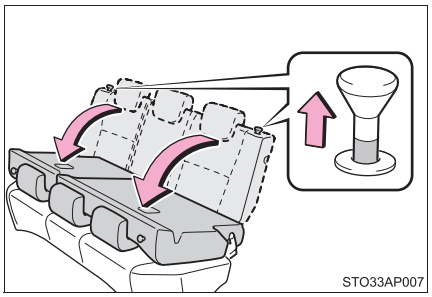


3 Lower the head restraints to the lowest position.



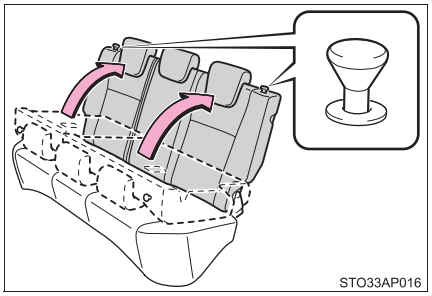
4 Pull the seatback lock release knob and fold the seatback down.

Each seatback may be folded separately.



Returning the rear seatbacks

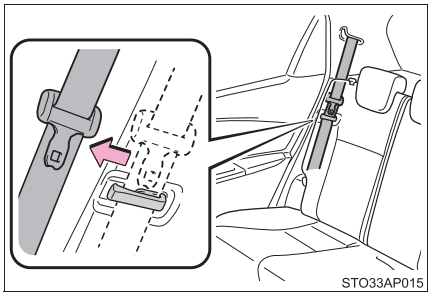
1 Lift up the seatback until it locks.



2 Return the seat belt to the original position.

Center: →P. 38

Outside: Remove the outside seat belt from the seat belt hanger.



WARNING

■ **When folding the rear seatbacks down**

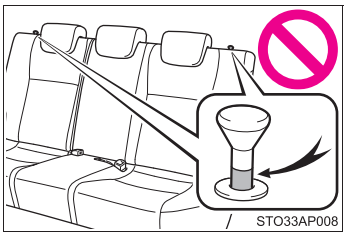
Observe the following precautions. Failure to do so may result in death or serious injury.

- Do not fold the seatbacks down while driving.
- Stop the vehicle on level ground, set the parking brake and shift the shift lever to P.
- Do not allow anyone to sit on a folded seatback or in the luggage compartment while driving.
- Do not allow children to enter the luggage compartment.
- Do not allow anyone to sit on the rear center seat if the rear right seat is folded down, as the seat belt buckle for the rear center seat belt is then concealed under the folded seat and cannot be used.
- Be careful not to catch your hand when folding the rear seatbacks.
- Depending on the position of the front seat, it may interfere when trying to fold down the rear seatbacks. If this happens, adjust the position of the front seat.

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

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

- Make sure that the seatback is securely locked in position by lightly pushing it back and forth.
  If the seatback is not securely locked, the red marking will be visible on the seatback lock release knob. Make sure that the red marking is not visible.



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

NOTICE

■ **Stowing the seat belts**

The seat belts and the buckles must be stowed before you fold down the rear seatbacks.

Head restraints

Head restraints are provided for all seats.

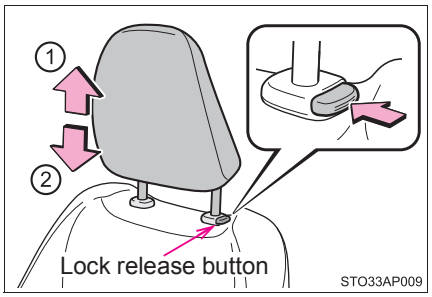
Adjusting the head restraints

① Up

Pull the head restraints up.

② Down

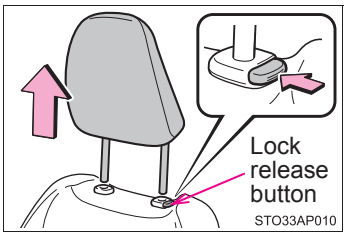
Push the head restraint down while pressing the lock release button.



■ Removing the head restraints

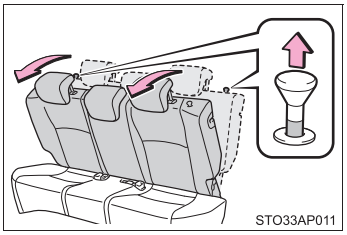
▶ Front seats and rear center seat

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

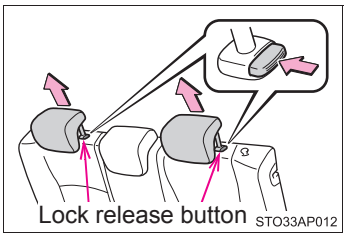


▶ Rear outer seats

1 Pull the lock release knob and fold down the seatback until it reaches the position where the head restraints can be removed.



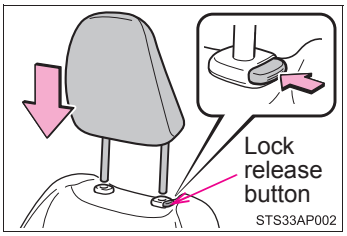
2 Pull the head restraint up while pushing the lock release button.



■ Installing the head restraints

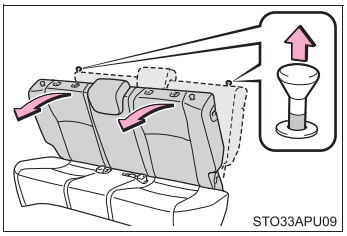
▶ Front seats and rear center seat

Align the head restraint with the installation holes and push it down to the lock position.
Press and hold the lock release button when lowering the head restraint.

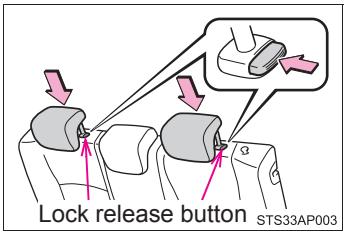


▶ Rear outer seats

1 Pull the lock release knob and fold down the seatback until it reaches the position where the head restraints can be installed.

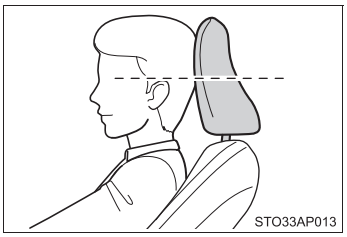


2 Align the head restraint with the installation holes and push it down to the lock position.
Press and hold the lock release button when lowering the head restraint.



Adjusting the height of the head restraints

Make sure that the head restraints are adjusted so that the center of the head restraint is closest to the top of your ears.



Adjusting the rear seat head restraints

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

WARNING

Head restraint precautions

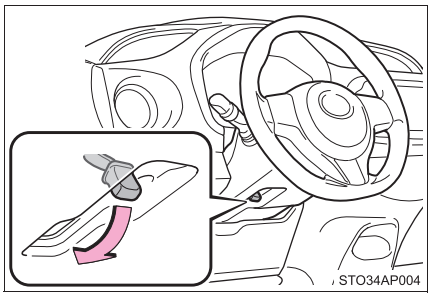
Observe the following precautions regarding the head restraints. Failure to do so may result in death or serious injury.

- 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

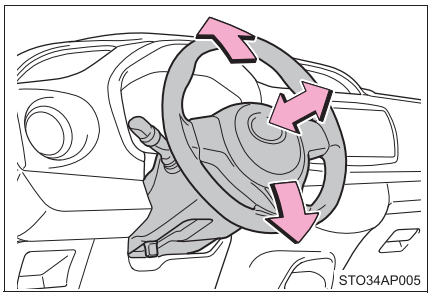
Adjustment procedure

1 Hold the steering wheel and push the lever down.



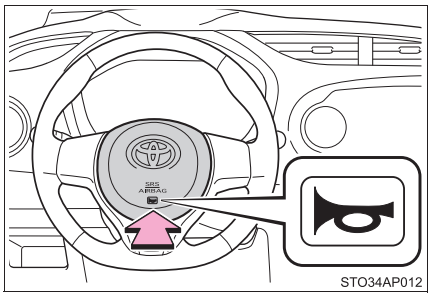
2 Adjust to the ideal position by moving the steering wheel horizontally and vertically.

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.

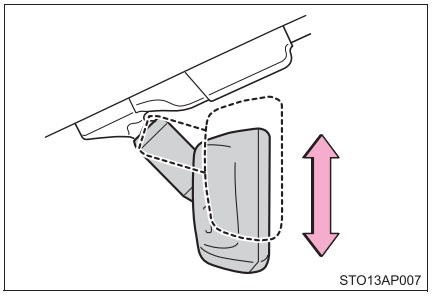
Inside rear view mirror

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

Adjusting the height of rear view mirror (if equipped)

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.

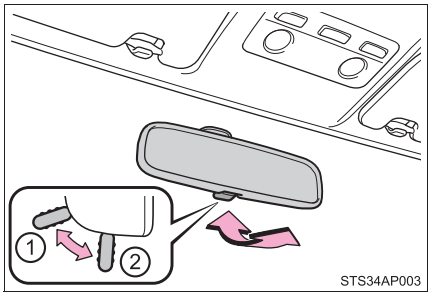


Anti-glare function

▶ Vehicles with a manual anti-glare inside rear view mirror

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

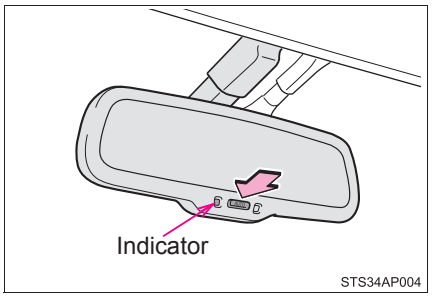
① Normal position
② Anti-glare position



▶ Vehicles with an 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

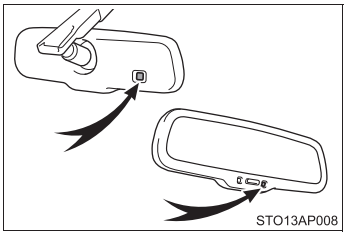
When the automatic anti-glare function is in ON mode, the indicator illuminates.

Vehicles without a smart entry & start system:
The function will set to ON mode each time the power switch is turned to the “ON” position. Pressing the button turns the function to OFF mode. (The indicator also turns off.)

Vehicles with a smart entry & start system:
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 an 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.

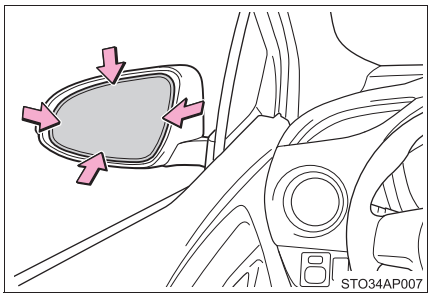
Doing so may lead to mishandling of the vehicle and cause an accident, resulting in death or serious injury.

Outside rear view mirrors

Adjustment procedure

▶ Manually-adjustable type

Adjust the mirror up, down, in or out by pushing the mirror surface.

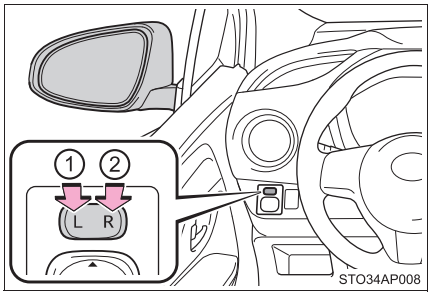


▶ Power-adjustable type

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

① Left

② Right



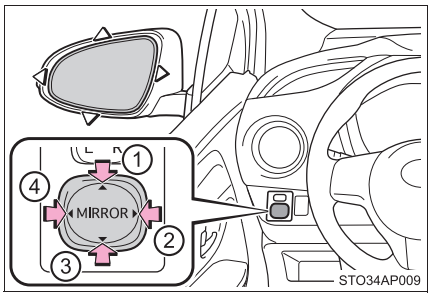
2 To adjust the mirror, press the switch.

① Up

② Right

③ Down

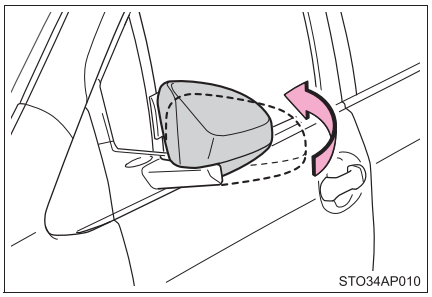
④ Left



Folding the mirrors

▶ Manual type

Push the mirror back in the direction of the vehicle's rear.

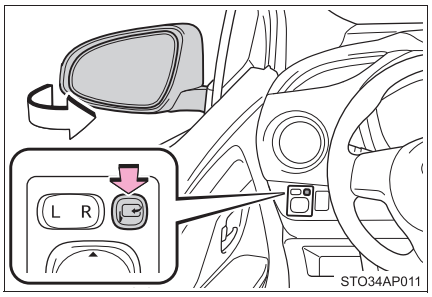


▶ Power type

Press the button to fold back the mirrors

Push once more to return to the original position.

The outside rear view mirrors will be folded or extended automatically, linked with the door locking or unlocking operations.



■ **Mirror angle can be adjusted when (power-adjustable type)**

▶ Vehicles without a smart entry & start system

The power switch is in the "ACC" or "ON" position.

▶ Vehicles with a smart entry & start system

The power switch is in ACCESSORY or ON mode.

■ **When the mirrors are fogged up (vehicles with outside rear view mirror defoggers)**

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. 390)

WARNING

■ **Important points while driving**

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

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

■ **When a mirror is moving (power-adjustable type)**

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 (vehicles with outside rear view mirror defoggers)**

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:

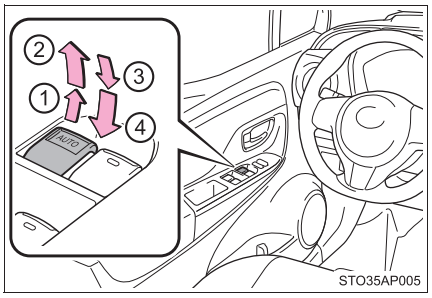
① Closing

② One-touch closing (driver's window only)*

③ Opening

④ One-touch opening (driver's window only)*

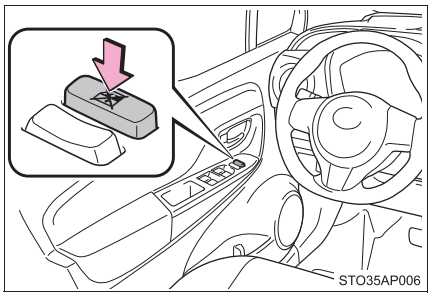
*: To stop the window partway, operate the switch in the opposite direction.



Window lock switch

Press the switch down to lock the passenger window switches.

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



■ **The power windows can be operated when**

▶ Vehicles without a smart entry & start system

The power switch is in the “ON” position.

▶ Vehicles with a smart entry & start system

The power switch is in ON mode.

■ **Operating the power windows after turning the hybrid system off**

▶ Vehicles without a smart entry & start system

The power windows can be operated for approximately 45 seconds even after the power switch is turned to the “ACC” or “LOCK” position. They cannot, however, be operated once either front door is opened.

▶ Vehicles with a smart entry & start system

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.

■ **Jam protection function (driver’s window only)**

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

■ **When the power window does not close normally**

If the jam protection function is operating abnormally and a window cannot be closed, perform the following operations using the power window switch on the driver's door.

- After stopping the vehicle, the window can be closed by holding the power window switch in the one-touch closing position while the power switch is turned to the "ON" position (vehicles without a smart entry & start system) or ON mode (vehicles with a smart entry & start system).
- If the window still cannot be closed even by carrying out the operation as explained above, initialize the function by performing the following procedure.

1 Hold the power window switch in the one-touch closing position. Continue holding the switch for a further 6 seconds after the window has closed.

2 Hold the power window switch in the one-touch opening position. Continue holding the switch for a further 2 seconds after the window has opened completely.

3 Hold the power window switch in the one-touch closing position once again. Continue holding the switch for a further 2 seconds after the window has closed.

If you release the switch while the window is moving, start again from the beginning.
If the window continues to close but then re-open slightly even after performing the above procedure correctly, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

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

■ Closing the windows

- The driver is responsible for all the power window operations, including the operation for the passengers. In order to prevent accidental operation, especially by a child, do not let a child operate the power windows. It is possible for children and other passengers to have body parts caught in the power window. Also, when riding with a child, it is recommended to use the window lock switch. (→P. 199)
- 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.

■ Jam protection function (driver's window only)

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

Driving 4

4-1. Before driving

Driving the vehicle 204
Cargo and luggage 213
Trailer towing 215

4-2. Driving procedures

Power (ignition) switch (vehicles without a smart entry & start system).....216
Power (ignition) switch (vehicles with a smart entry & start system).....220
EV drive mode 229
Hybrid transmission 232
Turn signal lever 236
Parking brake 237

4-3. Operating the lights and wipers

Headlight switch 238
Fog light switch 244
Windshield wiper and washer 246
Rear window wiper and washer 250

4-4. Refueling

Opening the fuel tank cap 252

4-5. Toyota Safety Sense

Toyota Safety Sense 255
PCS (Pre-Crash Safety system) 262
LDA (Lane Departure Alert) 279
Automatic High Beam 287
RSA (Road Sign Assist).....293

4-6. Using the driving support systems

Cruise control.....299
Driving assist systems 303

4-7. Driving tips

Hybrid vehicle driving tips 310
Winter driving tips 313

Driving the vehicle

The following procedures should be observed to ensure safe driving:

Starting the hybrid system

→P. 216, 220

Driving

1 With the brake pedal depressed, shift the shift lever to D. (→P. 232)

2 Release the parking brake. (→P. 237)

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

Stopping

1 With the shift lever in D, depress the brake pedal.

2 If necessary, set the parking brake.

If the vehicle is to be stopped for an extended period of time, shift the shift lever to P. (→P. 232)

Parking the vehicle

1 With the shift lever in D, depress the brake pedal.

2 Set the parking brake (→P. 237), and shift the shift lever to P. (→P. 232)

If parking on a hill, block the wheels as needed.

3 Vehicles without a smart entry & start system: Turn the power switch to the “LOCK” position to stop the hybrid system.

Vehicles with a smart entry & start system: Press the power switch to stop the hybrid system.

4 Lock the door, making sure that you have the electronic key on your person.

Starting off on a steep uphill

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

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

3 Release the parking brake.

When starting off on an uphill

The hill-start assist control will activate. (→P. 303)

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. 310)

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.

Operating your vehicle in a foreign country

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P. 601)

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 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. 507
- Use engine braking (shift lever to B) to maintain a safe speed when driving down a steep hill.
  Using the brakes continuously may cause the brakes to overheat and lose effectiveness. (→P. 233)
- 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.
- 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 lever

- Do not let the vehicle roll backward while the shift lever is in a driving position, or roll forward while the shift lever is in R.
  Doing so may result in an accident or damage to the vehicle.
- Do not shift the shift lever to P while the vehicle is moving. Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift lever to R while the vehicle is moving forward.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift lever to a driving position while the vehicle is moving backward. Doing so can damage the transmission and may result in a loss of vehicle control.
- Shifting the shift lever to N while the vehicle is moving will disengage the hybrid system. Engine braking is not available when N is selected.
- Be careful not to shift the shift lever with the accelerator pedal depressed. Shifting the shift lever 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.

WARNING

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

Have the brake pads checked and replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.
Rotor damage may result if the pads are not replaced when needed.

It is dangerous to drive the vehicle when the wear limits of the brake pads and/or those of the brake discs are exceeded.

■ **When the vehicle is stopped**

- Do not depress the accelerator pedal unnecessarily.
  If the shift lever 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

■ **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 rupture, 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 lever to P, stop the hybrid system and lock the vehicle.
  Do not leave the vehicle unattended while the "READY" indicator is illuminated.
  When the vehicle is left without applying the parking brake even if the shift lever is in P, it may start to move, leading to an accident.
- Do not touch the exhaust pipes while the "READY" indicator is illuminated or immediately after turning the hybrid system off.
  Doing so may cause burns.

WARNING

■ When taking a nap in the vehicle

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

■ When braking

- When the brakes are wet, drive more cautiously.
  Braking distance increases when the brakes are wet, and this may cause one side of the vehicle to brake differently than the other side. Also, the parking brake may not securely hold the vehicle.
- If the electronically controlled brake system does not operate, do not follow other vehicles closely and avoid hills or sharp turns that require braking.
  In this case, braking is still possible, but the brake pedal should be depressed more firmly than usual. Also, the braking distance will increase. Have your brakes fixed immediately.
- The brake system consists of 2 or more individual hydraulic systems; if one of the systems fails, the other(s) will still operate. In this case, the brake pedal should be depressed more firmly than usual and the braking distance will increase. Have your brakes fixed immediately.

NOTICE

■ **When driving the vehicle**

- Do not depress the accelerator and brake pedals at the same time during driving, as this may restrain the hybrid system output.
- Do not use the accelerator pedal or depress the accelerator and brake pedals at the same time to hold the vehicle on a hill.

■ **When parking the vehicle**

Always set the parking brake, and shift the shift lever to P. Failure to do so may cause the vehicle to move or the vehicle may accelerate suddenly if the accelerator pedal is accidentally depressed.

■ **Avoiding damage to vehicle parts**

- Do not turn the steering wheel fully in either direction and hold it there for an extended period of time.
  Doing so may damage the power steering 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. 537, 556)

NOTICE

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 retailer or Toyota authorized repairer, or any reliable repairer check the following:

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

Cargo and luggage

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

WARNING

■ Things that must not be carried in the luggage compartment

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

- Receptacles containing gasoline
- Aerosol cans

■ Storage precautions

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

- Stow cargo and luggage in the luggage compartment whenever possible.
- Do not stack anything in the luggage compartment higher than the seatbacks.
- Do not place cargo or luggage in or on the following locations:
  - At the feet of the driver
  - On the front passenger or rear seats (when stacking items)
  - On the luggage cover
  - On the instrument panel
  - On the dashboard
- Secure all items in the occupant compartment.
- When you fold down the rear seats, long items should not be place directly behind the front seats.
- Never allow anyone to ride in the luggage compartment. It is not designed for passengers. They should ride in their seats with their seat belts properly fastened. Otherwise, they are much more likely to suffer death or serious bodily injury, in the event of sudden braking, sudden swerving or an accident.

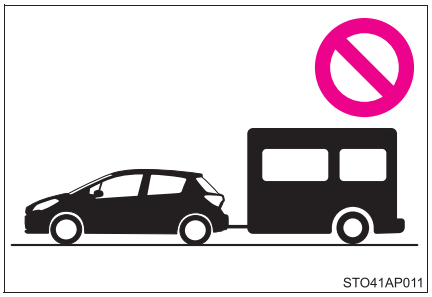
WARNING

■ **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.

Trailer towing

Toyota does not recommend towing a trailer with your vehicle. Your vehicle is not designed for trailer towing.



Power (ignition) switch (vehicles without a smart entry & start system)

Starting the hybrid system

1 Check that the parking brake is set.

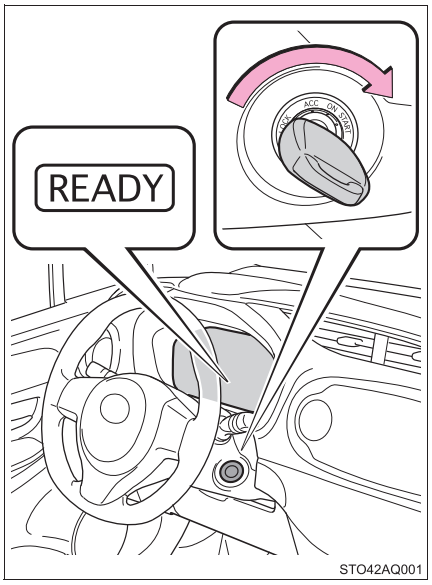
2 Check that the shift lever is in P.

3 Firmly depress the brake pedal.

4 Turn the power switch to the “START” position to start the hybrid system.

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

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



5 Check that the “READY” indicator is illuminated.

If the “READY” indicator changes from a flashing light to a solid light and a beep sound, 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 engine starts or stops automatically in accordance with the state of the vehicle.)

Changing power switch positions

① “LOCK”

The steering wheel is locked and the key can be removed. (The key can be removed only when the shift lever is in P.)

② “ACC”

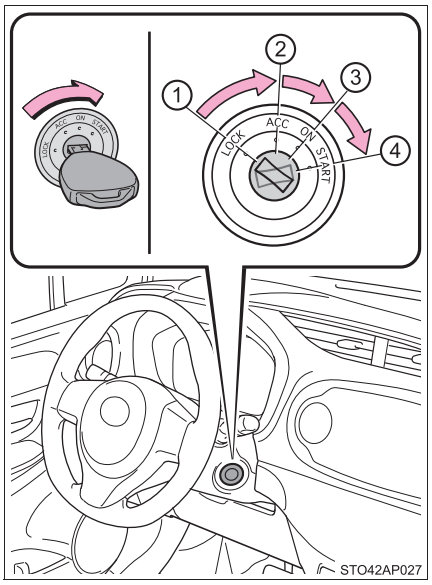
Some electrical components such as the audio system can be used.

③ “ON”

All electrical components can be used.

④ “START”

For starting the hybrid system.



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

→P. 89

■ **When the ambient temperature is low, such as during winter driving conditions**

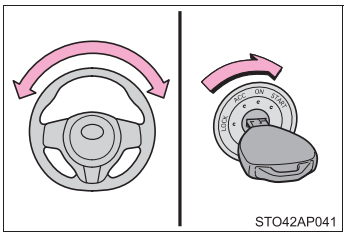
When starting the hybrid system, the flashing time of the “READY” indicator may be long. Leave the vehicle as it is until the “READY” indicator is steady on, as steady means the vehicle is able to move.

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

The immobilizer system may not have been deactivated. (→P. 96)
Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **When the steering lock cannot be released**

When starting the hybrid system, the power switch may seem stuck in the “LOCK” position. To free it, turn the key while turning the steering wheel slightly left and right.



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

In the event that the “READY” indicator does not come on even after performing the proper procedures for starting the vehicle, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **If the hybrid system is malfunctioning**

→P. 91, 518

■ **Key reminder function**

A buzzer sounds if the driver’s door is opened while the power switch is in the “LOCK” or “ACC” position to remind you to remove the key.

WARNING

When starting the hybrid system

Always start the hybrid system while sitting in the driver's seat. Do not depress the accelerator pedal while starting the hybrid system under any circumstances.
Doing so may cause an accident resulting in death or serious injury.

Caution when driving

Do not turn the power switch to the "LOCK" position while driving. If, in an emergency, you must turn the hybrid system off while the vehicle is moving, turn the power switch only to the "ACC" position to stop the hybrid system. An accident may result if the hybrid system is stopped while driving.
(→P. 507)

NOTICE

To prevent 12-volt battery discharge

Do not leave the power switch in the "ACC" or "ON" position for long periods of time without the hybrid system operating.

When starting the hybrid system

If the hybrid system becomes difficult to start, have your vehicle checked by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

Power (ignition) switch (vehicles with a smart entry & start system)

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

Starting the hybrid system

1 Check that the parking brake is set.

2 Check that the shift lever is in P.

▶ Vehicles with monochrome display

3 Firmly depress the brake pedal.

The smart entry & start system indicator (green) will turn on.
If the indicator light does not turn on, the hybrid system cannot be started.

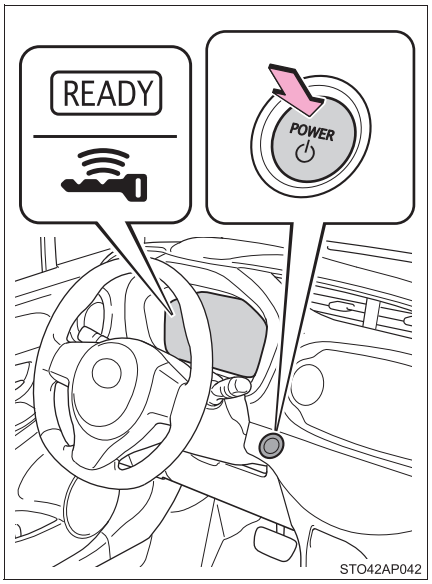
4 Press the power switch shortly and firmly.

When operating the power switch, one short, firm press is enough. It is not necessary to press and hold the switch.

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

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

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



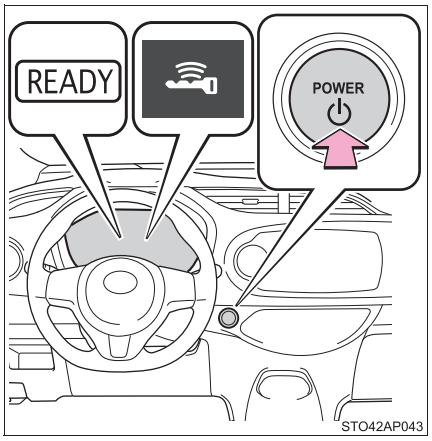
▶ Vehicles with color display

3 Firmly depress the brake pedal.

 and message will be displayed on the multi-information display.

If it is not displayed, the hybrid system cannot be started.

4 Press the power switch shortly and firmly.



When operating the power switch, one short, firm press is enough. It is not necessary to press and hold the switch.

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

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

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

5 Check that the “READY” indicator is illuminated.

If the “READY” indicator changes from a flashing light to a solid light and a beep sound, 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 engine starts or stops automatically in accordance with the state of the vehicle.)

Stopping the hybrid system

1 Stop the vehicle.

2 Set the parking brake (→P. 237), and shift the shift lever to P.

3 Press the power switch.

4 Vehicles with monochrome display: Release the brake pedal and check that the smart entry & start system indicator (green) is off.

Vehicles with color display: Release the brake pedal and check that “Power on” on the multi-information display is off.

Changing power switch modes

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

▶ Vehicles with monochrome display

Off*

The emergency flashers can be used.

The smart entry & start system indicator (green) is off.

ACCESSORY mode

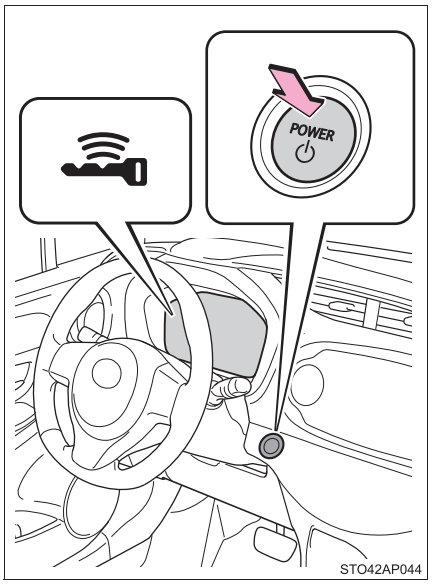
Some electrical components such as the audio system can be used.

The smart entry & start system indicator (green) flashes slowly.

ON mode

All electrical components can be used.

The smart entry & start system indicator (green) flashes slowly.



*: If the shift lever is in a position other than P when turning off the hybrid system, the power switch will be turned to ACCESSORY mode, not to off.

▶ Vehicles with color display

Off*

The emergency flashers can be used.

The multi-information display will not be displayed.

ACCESSORY mode

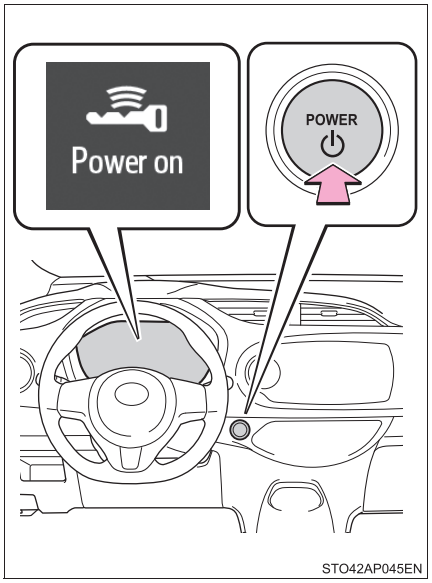
Some electrical components such as the audio system can be used.

“Power on” will be displayed on the multi-information display.

ON mode

All electrical components can be used.

“Power on” will be displayed on the multi-information display.



*: If the shift lever is in a position other than P when turning off the hybrid system, the power switch will be turned to ACCESSORY mode, not to off.

When stopping the hybrid system with the shift lever in a position other than P

If the hybrid system is stopped with the shift lever in a position other than P, the power switch will not be turned off but instead be turned to ACCESSORY mode. Perform the following procedure to turn the switch off:

1 Check that the parking brake is set.

2 Shift the shift lever to P.

▶ Vehicles with monochrome display

3 Check that the smart entry & start system indicator (green) flashes slowly and then press the power switch once.

4 Check that the smart entry & start system indicator (green) is off.

▶ Vehicles with color display

3 Check that “Power on” and “Turn power OFF.” are displayed alternately on the multi-information display and then press the power switch once.

4 Check that “Power on” and “Turn power OFF.” on the multi-information display are off.

■ **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 lever in P, the power switch will automatically turn off. However, this function cannot entirely prevent 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. 89

■ **Electronic key battery depletion**

→P. 477

■ **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. 168

■ **Notes for the entry function**

→P. 169

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

- The immobilizer system may not have been deactivated. (→P. 96)
  Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Check that the shift lever is securely set in P. The hybrid system may not start if the shift lever is displaced out of P.

  ▶ Vehicles with monochrome display

  The smart entry & start system indicator light (green) will flash quickly.

  ▶ Vehicles with color display

  “Shift to P position to start.” will be displayed on the multi-information display.

■ **Steering lock**

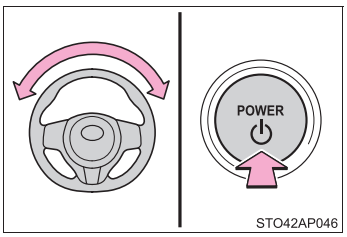
After turning the power switch off and opening and closing the doors, the steering wheel will be locked due to the steering lock function. Operating the power switch again automatically cancels the steering lock.

■ **When the steering lock cannot be released**

Vehicles with monochrome display: The smart entry & start system indicator light (green) will flash quickly.

Vehicles with color display: “Steering lock active.” will be displayed on the multi-information display.

Check that the shift lever is set in P.
Press the power switch while turning the steering wheel left and right.



■ **Steering lock motor overheating prevention**

To prevent the steering lock motor from overheating, the motor may be suspended if the hybrid system is turned on and off repeatedly in a short period of time. In this case, refrain from operating the hybrid system. After about 10 seconds, the steering lock motor will resume functioning.

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

If the event that the “READY” indicator does not come on even after performing the proper procedures for starting the vehicle, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **If the hybrid system is malfunctioning**

→P. 91, 518

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

→P. 477

■ **Operation of the power switch**

- If the switch is not pressed shortly and firmly, the power switch mode may not change or the hybrid system may not start.
- If attempting to restart the hybrid system immediately after turning the power switch off, the hybrid system may not start in some cases. After turning the power switch off, please wait a few seconds before restarting the hybrid system.

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

→P. 573

⚠ WARNING

■ **When starting the hybrid system**

Always start the hybrid system while sitting in the driver's seat. Do not depress the accelerator pedal while starting the hybrid system under any circumstances.

Doing so may cause an accident resulting in death or serious injury.

■ **Caution while driving**

If a hybrid system failure occurs while the vehicle is moving, do not lock or open the doors until the vehicle reaches a safe and complete stop. Activation of the steering lock in this circumstance may lead to an accident, resulting in death or serious injury.

■ **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 3 seconds, or press it briefly 3 times or more in succession. (→P. 507)

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.
- Vehicles with monochrome display: If the smart entry & start system indicator (green) is illuminated, the power switch is not off. When exiting the vehicle, always check that the power switch is off.
- Vehicles with color display: If “Power on” is displayed on the multi-information display, the power switch is not off. When exiting the vehicle, always check that the power switch is off.
- Do not stop the hybrid system when the shift lever is in a position other than P. If the hybrid system is stopped in another shift lever position, the power switch will not be turned off but instead be turned to ACCESSORY mode. If the vehicle is left in ACCESSORY mode, 12-volt battery discharge may occur.

■ **When starting the hybrid system**

If the hybrid system becomes difficult to start, have your vehicle checked by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **Symptoms indicating a malfunction with the power switch**

If the power switch seems to be operating somewhat differently than usual, such as the switch sticking slightly, there may be a malfunction.
Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

EV drive mode

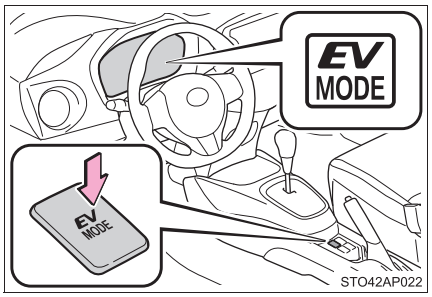
In EV drive mode, electric power is supplied by the hybrid battery (traction battery), and only the electric motor (traction motor) is used to drive the vehicle.

This mode allows you to drive in residential areas early in the morning and late at night, or in indoor parking lots etc. without concern for noises and gas emissions.

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.
  - In the instrument cluster, the low traction battery warning light comes on. (→P. 521)
  - The remaining battery level indicated in the energy monitor display is low. (→P. 133)
- 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.
  - In the instrument cluster, the low traction battery warning light comes on. (→P. 521)
  - The remaining battery level indicated in the energy monitor display is low. (→P. 133)
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill etc.

■ **Possible driving distance when driving in EV drive mode**

EV drive mode’s possible driving distance ranges from a few hundred meters to approximately 1 km (0.6 miles). However, depending on vehicle conditions, there are situations when EV drive mode cannot be used.
(The distance that is possible depends on the hybrid battery [traction battery] level and driving conditions.)

■ **Fuel economy**

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

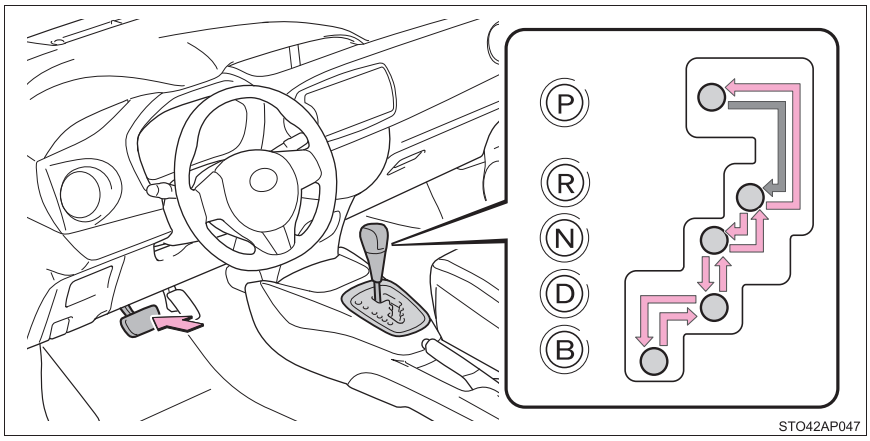
WARNING

■ **Caution while driving**

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



▶ Vehicles without a smart entry & start system

← While the power switch is in the “ON” position, move the shift lever with the brake pedal depressed.

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

▶ Vehicles with a smart entry & start system

← While the power switch is in ON mode, move the shift lever with the brake pedal depressed.

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

Shift position purpose

Shift position	Function
P	Parking the vehicle/starting the hybrid system
R	Reversing
N	Neutral
D	Normal driving*
B	Position for engine braking

*: To improve fuel efficiency and reduce noises, set the shift lever in D for normal driving.

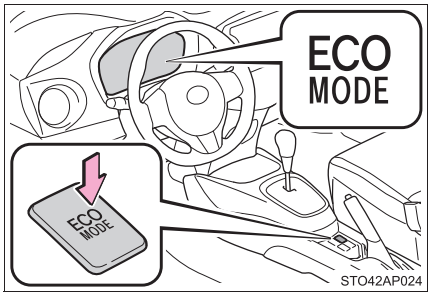
Selecting Eco drive mode

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.

Eco drive mode

When Eco drive mode is turned on, the “ECO MODE” indicator will come on.

Pressing the “ECO MODE” switch again turns Eco drive mode off.



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. 393) To improve air conditioning performance, adjust the temperature setting or fan speed, or turn off Eco drive mode.

■ **When the accelerator pedal is depressed while the shift position is in N**

A buzzer will sound to inform the driver that the shift position is in N.

■ **Shift lock system**

The shift lock system is a system to prevent accidental operation of the shift lever in starting.
The shift lever can be shifted from P only when the power switch is turned to the “ON” position (vehicles without a smart entry & start system) or ON mode (vehicles with a smart entry & start system) and the brake pedal is being depressed.

■ **If the shift lever cannot be shifted from P**

First, check whether the brake pedal is being depressed.
If the shift lever cannot be shifted with your foot on the brake pedal, there may be a problem with the shift lock system. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.
The following steps may be used as an emergency measure to ensure that the shift lever can be shifted.

Releasing the shift lock:

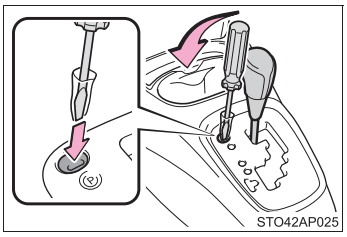
1 Set the parking brake.

2 Turn the power switch to the “LOCK” position.

3 Depress the brake pedal.

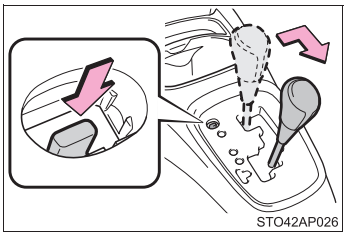
4 Pry the cover up with a flathead screwdriver or equivalent tool.

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


STO42AP025

5 Press the shift lock override button.

The shift lever can be shifted while the button is pressed.


STO42AP026

WARNING

■ **When driving on slippery road surfaces**

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

■ **To prevent an accident when releasing the shift lock**

Before pressing the shift lock override button, make sure to set the parking brake and depress the brake pedal.
If the accelerator pedal is accidentally depressed instead of the brake pedal when the shift lock override button is pressed and the shift lever is shifted out of P, the vehicle may suddenly start leading to an accident which may result in death or serious injury.

NOTICE

■ **Hybrid battery (traction battery) charge**

If the shift lever 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.

Turn signal lever

Operation instructions

① Right turn

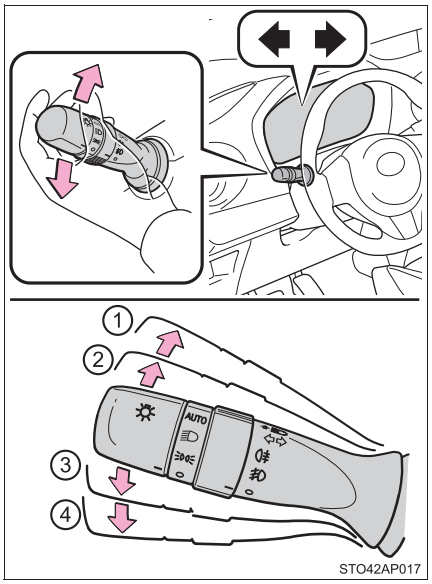
② Lane change to the right (push and hold the lever partway)

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

③ Lane change to the left (push and hold the lever partway)

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

④ Left turn



■ **Turn signals can be operated when**

▶ Vehicles without a smart entry & start system

The power switch is in the “ON” position.

▶ Vehicles with a smart entry & start system

The power switch is in ON mode.

■ **If the indicator flashes faster than usual**

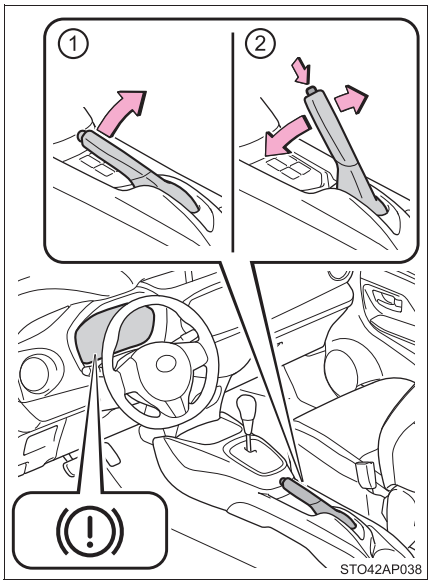
Check that a light bulb in the front or rear turn signal lights has not burned out.

Parking brake

Operation instructions

① To set the parking brake, fully pull the parking brake lever while depressing the brake pedal.

② To release the parking brake, slightly raise the lever and lower it completely while pressing the button.



■ **Parking the vehicle**
→P. 204

■ **Parking brake engaged warning buzzer**
→P. 517

■ **Usage in winter time**
→P. 314

NOTICE

■ **Before driving**

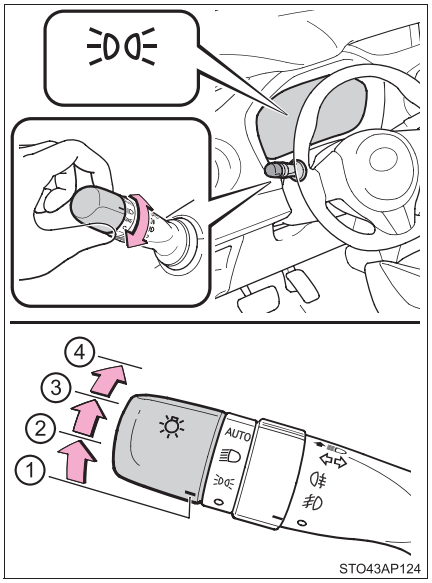
Fully release the parking brake.
Driving the vehicle with the parking brake set will lead to brake components overheating, which may affect braking performance and increase brake wear.

Headlight switch

The headlights can be operated manually or automatically.

Operation instructions

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



① O Off

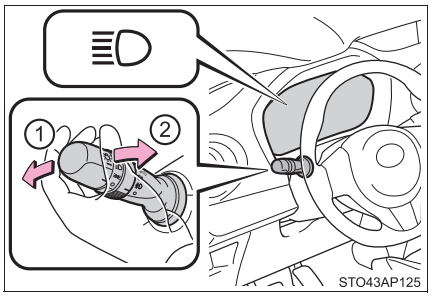
② The front position, tail, license plate and instrument panel lights turn on.

③ The headlights and all the lights listed above turn on.

④ AUTO Vehicles without a smart entry & start system: The headlights, front position lights, daytime running lights and so on turn on and off automatically (when the power switch is in the “ON” position.)

Vehicles with a smart entry & start system: The headlights, front position lights, daytime running lights and so on 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.

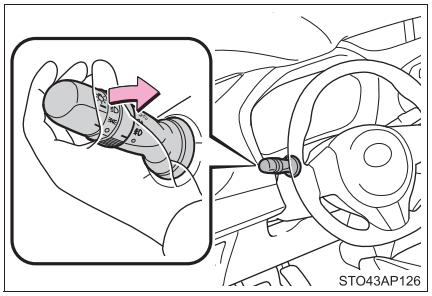
Pull the lever toward you to the center position to turn the high beams off.

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.

Follow me home system (if equipped)

This system allows the low beam headlights to be turned on for 30 seconds when the power switch is turned off.



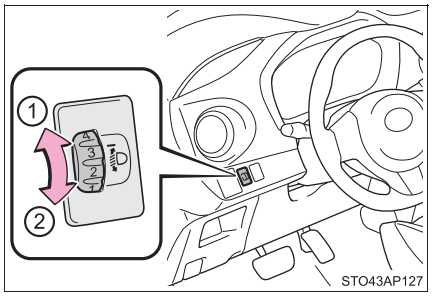
Pull the lever toward you and release it with the light switch is in AUTO or ○ after turning the power switch off.

Pull the lever toward you and release it again to turn off the lights.

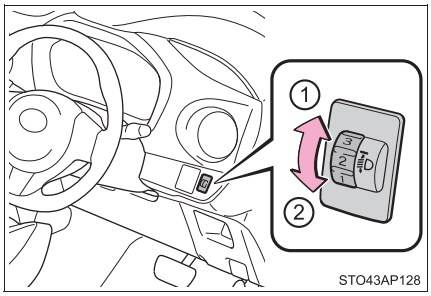
Manual headlight leveling dial

The level of the headlights can be adjusted according to the number of passengers and the loading condition of the vehicle.

▶ Left-hand drive vehicles



▶ Right-hand drive vehicles



① Raises the level of the headlights

② Lowers the level of the headlights

■ Guide to dial settings

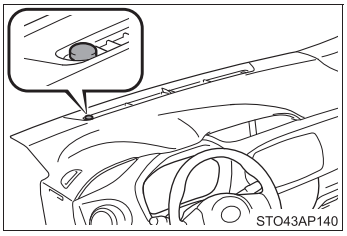
Loading condition	Control switch position
Driver only	0
Driver + one passenger in the front seat	0
Driver + one passenger in the front seat + rear seat	1
All passengers	1
All passengers + full luggage loading to the luggage compartment	2
Driver + full luggage loading to the luggage room	3

■ **Daytime running light system**

To make your vehicle more visible to other drivers during daytime driving, the daytime running lights turn on automatically whenever the hybrid system is operated and the parking brake is released with the headlight switch off or in the “AUTO” position. (Illuminate brighter than the front position lights.) Daytime running lights are not designed for use at night.

■ **Headlight control sensor**

The sensor may not function properly if an object is placed on the sensor, or anything that blocks the sensor is affixed to the windshield.
Doing so interferes with the sensor detecting the level of ambient light and may cause the automatic headlight system to malfunction.



■ **Automatic light off system (if equipped)**

▶ Vehicles without a smart entry & start system

- When the light switch is in or : The headlights and front fog lights turn off automatically when the power switch is turned to the “LOCK” position.
- When the light switch is in AUTO : The headlights and all the lights turn off automatically when the power switch is turned to the “LOCK” position.

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

▶ Vehicles with a smart entry & start system

- When the light switch is in or : The headlights turn off automatically if the power switch is turned to ACCESSORY mode or turned off and the driver’s door is opened.
- When the light switch is in AUTO : The headlights and tail lights turn off automatically if the power switch is turned to ACCESSORY mode or turned off and the driver’s door is opened.

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

4

Driving

■ **Automatic High Beam (if equipped)**

→P. 287

■ **Light reminder buzzer**

▶ Vehicles without a smart entry & start system

A buzzer sounds when the key is removed from the power switch and the driver's door is opened while the lights are turned on.

▶ Vehicles with a smart entry & start system

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.

■ **Battery-saving function**

In all conditions following below, the headlights and the other remaining lights will go off automatically after 20 minutes in order to prevent the vehicle battery from being discharged:

- The headlights and/or tail lights are on.
- The light switch is in  or AUTO.
- Vehicles without a smart entry & start system: The power switch is in the "ACC" or the "LOCK" position.
- Vehicles with a smart entry & start system: The power switch is turned to ACCESSORY mode or turned off.

This function will be canceled in any of the following situations:

- Vehicles without a smart entry & start system: When the power switch is turned to the "ON" position.
- Vehicles with a smart entry & start system: When the power switch is turned to ON mode.
- When the light switch is operated.
- When the door is opened or closed.

■ **Customization**

Settings (e.g. light sensor sensitivity) can be changed.
(Customizable features: →P. 603)

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.

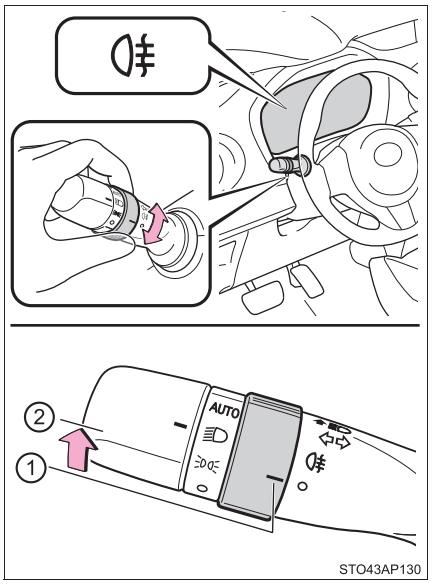
Operation instructions

▶ Rear fog light switch

① ○ Turns the rear fog lights off

② Turns the rear fog lights on

Releasing the switch ring returns it to ○.
Operating the switch ring again turns the lights off.



▶ Front and rear fog light switch (if equipped)

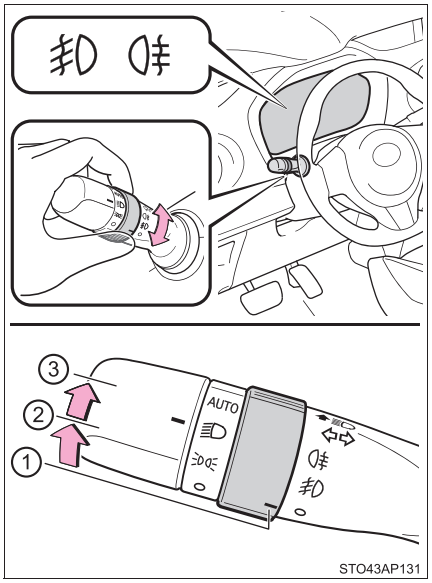
① Turns the front and rear fog lights off

② Turns the front fog lights on

③ Turns both front and rear fog lights on

Releasing the switch ring returns it to .

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



■ **Fog lights can be used when**

▶ Vehicles with a rear fog light switch

The headlights are turned on.

▶ Vehicles with a front and rear fog light switch

Front fog lights: The headlights or the front position lights are turned on.

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

Windshield wiper and washer

Operating the wiper lever

Operate the lever as follows to operate the wiper.

▶ Intermittent windshield wiper

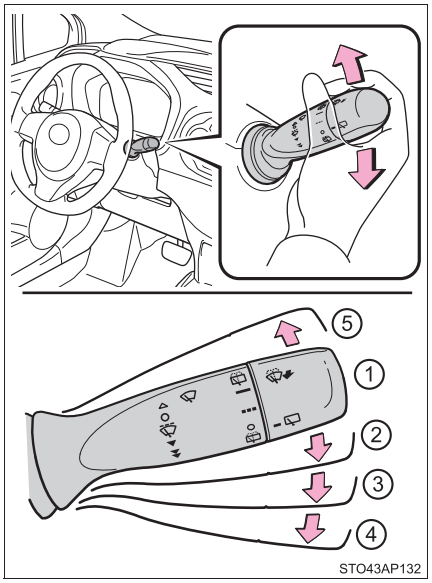
① ○ Off

② Intermittent windshield wiper operation

③ Low speed windshield wiper operation

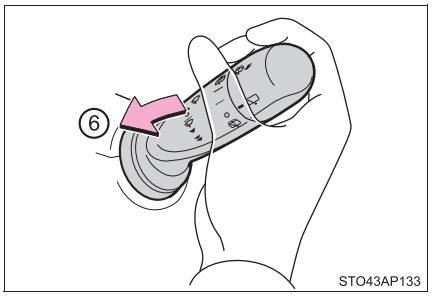
④ High speed windshield wiper operation

⑤ Temporary operation



⑥ Washer/wiper dual operation

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



▶ Rain-sensing windshield wiper

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

When **AUTO** is selected, the sensor sensitivity can be adjusted as follows by turning the switch ring:

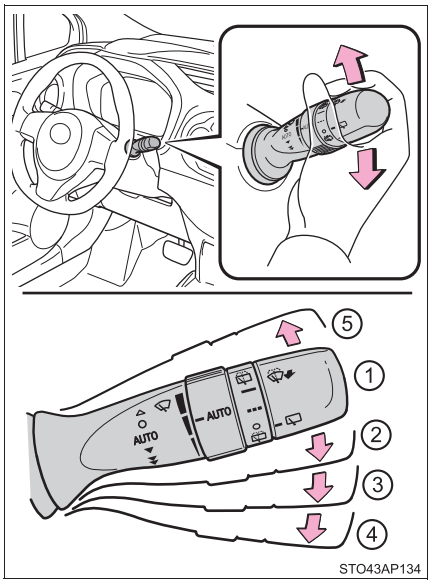
① ○ Off

② AUTO Rain-sensing windshield wiper operation

③ ▼ Low speed windshield wiper operation

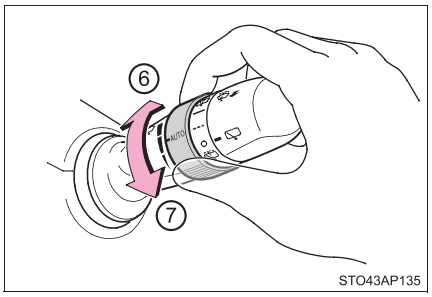
④ ▼▼ High speed windshield wiper operation

⑤ △ Temporary operation



⑥ Increases the sensitivity

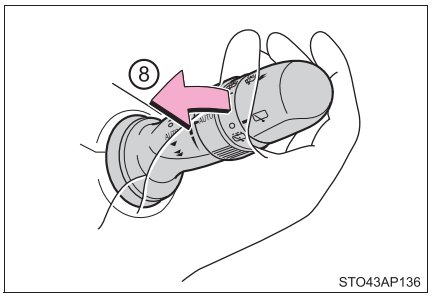
⑦ Decreases the sensitivity



⑧ Washer/wiper dual operation

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

(After operating several times, the wiper operate one more time after a short delay to prevent dripping.)



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

▶ Vehicles without a smart entry & start system

The power switch is in the “ON” position.

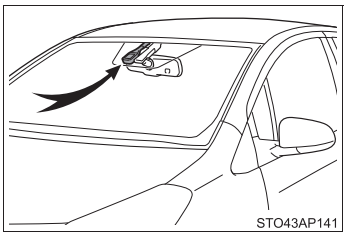
▶ Vehicles with a smart entry & start system

The power switch is in ON mode.

■ **Raindrop sensor (vehicles with a rain-sensing windshield wiper)**

● 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.



● Vehicles without a smart entry & start system: If the wiper switch is turned to AUTO while the power switch is in the “ON” position, the wiper will operate once to show that “AUTO” mode is activated.

● Vehicles with a smart entry & start system: If the wiper switch is turned to AUTO while the power switch is in ON mode, the wiper will operate once to show that “AUTO” mode is activated.

● When the sensor sensitivity ring is turned toward high while in “AUTO” mode, the wiper will operate once to indicate that the sensor sensitivity is enhanced.

● If the temperature of the raindrop sensor is 90°C (194°F) or higher, or -15°C (5°F) or lower, automatic operation may not occur. In this case, operate the wiper in any mode other than “AUTO” mode.

If no windshield washer fluid sprays

Check that the washer nozzle is not blocked, if there is washer fluid in the windshield washer fluid reservoir.

WARNING

Caution regarding the use of windshield wiper in "AUTO" mode (vehicles with a rain-sensing windshield wiper)

The windshield wiper 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 wiper.

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 wiper, as they may damage the windshield.

When there is no washer fluid spray from the nozzle

Damage to the washer fluid pump may be caused if the lever is pulled toward you and held continually.

When a nozzle becomes blocked

In this case, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
Do not try to clear it with a pin or other object. The nozzle will be damaged.

Rear window wiper and washer*

Operation instructions

Turning the end of the lever turns on the rear window wiper and washer.

① o Off

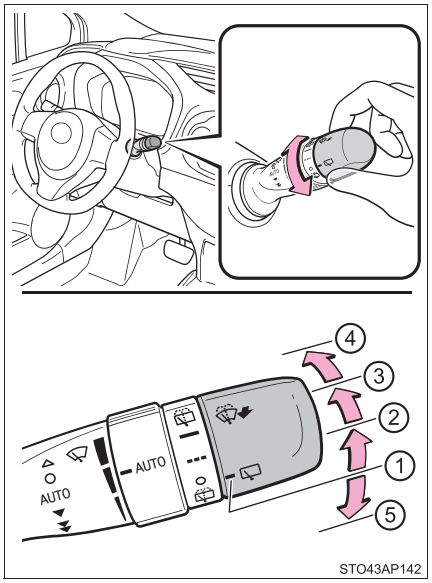
② --- Intermittent window wiper operation

③ — Normal window wiper operation

④ Washer/wiper dual operation

⑤ Washer/wiper dual operation

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



■ **The rear window wiper and washer can be operated when**

▶ Vehicles without a smart entry & start system

The power switch is in the “ON” position.

▶ Vehicles with a smart entry & start system

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 reservoir.

*: If equipped

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.

When a nozzle becomes blocked

In this case, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
Do not try to clear it with a pin or other object. The nozzle will be damaged.

Opening the fuel tank cap

Perform the following steps to open the fuel tank cap:

Before refueling the vehicle

- Vehicles without a smart entry & start system
  Turn the power switch to the “LOCK” position and ensure that all the doors and windows are closed.
- Vehicles with a smart entry & start system
  Turn the power switch off and ensure that all the doors and windows are closed.
- Confirm the type of fuel.

Fuel types

→P. 601

Fuel tank opening for unleaded gasoline

To help prevent incorrect fueling, your vehicle has a fuel tank opening that only accommodates the special nozzle on unleaded fuel pumps.

WARNING

■ **When refueling the vehicle**

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

- After exiting the vehicle and before opening the fuel door, touch an unpainted metal surface to discharge any static electricity. It is important to discharge static electricity before refueling because sparks resulting from static electricity can cause fuel vapors to ignite while refueling.
- Always hold the grips on the fuel tank cap and turn it slowly to remove it. A whooshing sound may be heard when the fuel tank cap is loosened. Wait until the sound cannot be heard before fully removing the cap. In hot weather, pressurized fuel may spray out the filler neck and cause injury.
- Do not allow anyone that has not discharged static electricity from their body to come close to an open fuel tank.
- Do not inhale vaporized fuel.
  Fuel contains substances that are harmful if inhaled.
- Do not smoke while refueling the vehicle.
  Doing so may cause the fuel to ignite and cause a fire.
- Do not return to the vehicle or touch any person or object that is statically charged.
  This may cause static electricity to build up, resulting in a possible ignition hazard.

■ **When refueling**

Observe the following precautions to prevent fuel overflowing from the fuel tank:

- Securely insert the fuel nozzle into the fuel filler neck.
- Stop filling the tank after the fuel nozzle automatically clicks off.
- Do not top off the fuel tank.

■ **When replacing the fuel tank cap**

Do not use anything but a genuine Toyota fuel tank cap designed for your vehicle. Doing so may cause a fire or other incident which may result in death or serious injury.

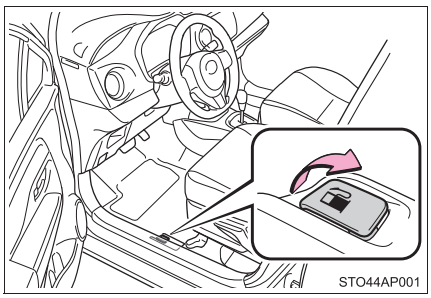
NOTICE

Refueling

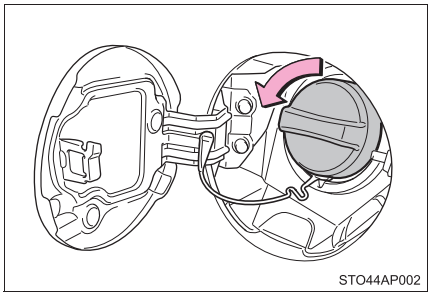
Do not spill fuel during refueling.
Doing so may damage the vehicle, such as causing the emission control system to operate abnormally or damaging fuel system components or the vehicle's painted surface.

Opening the fuel tank cap

1 Pull up the opener to open the fuel filler door.

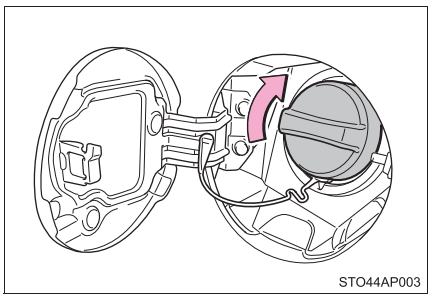

STO44AP001

2 Turn the fuel tank cap slowly to open.


STO44AP002

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.


STO44AP003

Toyota Safety Sense*

The Toyota Safety Sense consists of the following drive assist systems and contributes to a safe and comfortable driving experience:

◆ PCS (Pre-Crash Safety system)

→P. 262

◆ LDA (Lane Departure Alert)

→P. 279

◆ Automatic High Beam

→P. 287

◆ Road Sign Assist*

→P. 293

⚠ WARNING

■ Toyota Safety Sense

The Toyota Safety Sense is designed to operate under the assumption that the driver will drive safely, and is designed to help reduce the impact to the occupants and the vehicle in the case of a collision or assist the driver in normal driving conditions.

As there is a limit to the degree of recognition accuracy and control performance that this system can provide, do not overly rely on this system. The driver is always responsible for paying attention to the vehicle's surroundings and driving safely.

*: If equipped

Vehicle data recording

The pre-crash safety system is equipped with a sophisticated computer that will record certain data, such as:

- Accelerator status
- Brake status
- Vehicle speed
- Operation status of the pre-crash safety system functions
- Information (such as the distance and relative speed between your vehicle and the vehicle ahead or other objects)

● Data usage

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

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

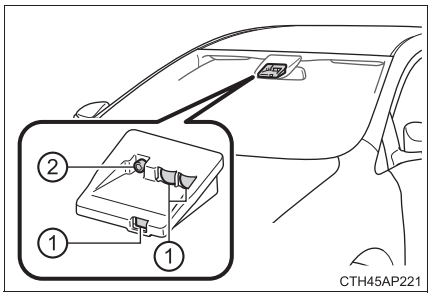
- With the consent of the vehicle owner or with the consent of the lessee if the vehicle is leased
- In response to an official request by the police, a court of law or a government agency
- For use by Toyota in a lawsuit
- For research purposes where the data is not tied to a specific vehicle or vehicle owner

Front sensor

The front sensor is located on the upper side of the windshield. It consists of 2 types of sensors, each of which detects information necessary to operate the drive assist systems.

①Laser sensors

②Monocular camera sensor



WARNING

■ Front sensor

The front sensor uses lasers to detect vehicles ahead of your vehicle. The front sensor is classified as class 1M laser product according to the IEC 60825-1 standard. Under normal usage conditions, these lasers are not harmful to the naked eye. However, it is necessary to observe the following precautions.
Failure to do so may result in the loss of eyesight or severe visual impairment.

- To avoid hazardous laser radiation exposure, never attempt to disassemble the front sensor (e.g. remove the lenses). When disassembled, the front sensor is classified as a class 3B laser product according to the IEC 60825-1 standard. Class 3B lasers are hazardous and pose a risk of eye injury under direct exposure.

WARNING

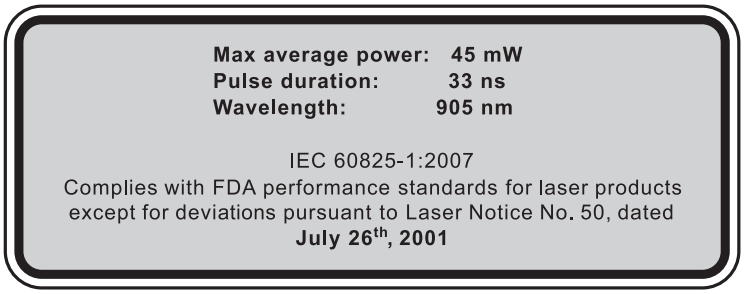
- Do not attempt to look into the front sensor with a magnifying glass, microscope or other optical instrument within a distance of less than 100 mm (3.9 in.).

Laser classification label





Laser explanatory label



Laser emission data

Maximum average power: 45 mW
Pulse duration: 33 ns
Wave length: 905 nm
Divergence (horizontal × vertical): 28° × 12°

WARNING

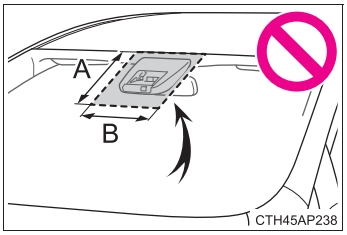
■ **To avoid malfunction of the front sensor**

Observe the following precautions.
Otherwise, the front sensor may not operate properly, possibly leading to an accident resulting in death or serious injury.

- Keep the windshield clean at all times. If the windshield is dirty or covered with an oily film, water droplets, snow, etc., clear the windshield. If the inner side of the windshield in front of the front sensor is dirty, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Do not attach objects, such as stickers, transparent stickers, etc., and so forth, to the outer side of the windshield in front of the front sensor (shaded area in the illustration).

  A: From the top of the windshield to approximately 10 cm (4.0 in.) below the bottom of the front sensor

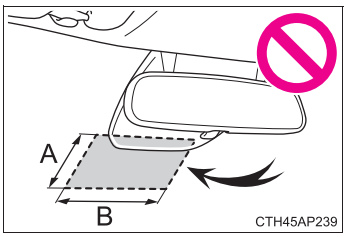
  B: Approximately 20 cm (7.9 in.) (Approximately 10 cm [4.0 in.] to the right and left from the center of the front sensor)



- Do not install or attach anything to the inner side of the windshield under the front sensor (shaded area in the illustration).

  A: Approximately 10 cm (4.0 in.) (Starting from the bottom of the front sensor)

  B: Approximately 20 cm (7.9 in.) (Approximately 10 cm [4.0 in.] to the right and left from the center of the front sensor)



WARNING

- If there is a large difference in temperature between the inside and outside of the vehicle, such as in winter, the windshield is likely to fog up easily. If the part of the windshield in front of the front sensor is fogged up or covered with condensation or ice, the PCS warning light may illuminates and the system may be temporarily disabled. In this case, use the windshield defogger to remove the fog, etc. (→P. 390)
- If the area of the windshield in front of the front sensor is covered with water droplets, use the windshield wipers to remove them.
  If the water droplets are not sufficiently removed, the performance of the front sensor may be reduced.
- If water droplets cannot be properly removed from the area of the windshield in front of the front sensor by the windshield wipers, replace the wiper insert or wiper blade.
  If the wiper inserts or wiper blades need to be replaced, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Do not attach window tinting to the windshield.
- Replace the windshield if it is damaged or cracked.
  If the windshield needs to be replaced, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Do not install an antenna in front of the sensor.
- Do not get the front sensor wet.
- Do not allow bright lights to shine into the front sensor.
- Do not dirty or damage the front sensor.
  When cleaning the inside of the windshield, do not allow glass cleaner to contact the lens. Also, do not touch the lens.
  If the lens is dirty or damaged, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

- Do not subject the front sensor to a strong impact.
- Do not change the installation position or direction of the front sensor or remove it.
- Do not disassemble the front sensor.
- Do not install an electronic device or device that emits strong electric waves near the front sensor.
- Do not modify any components of the vehicle around the front sensor (inside rear view mirror, sun visors, etc.) or ceiling.
- Do not attach any accessories that may obstruct the front sensor to the hood, front grille or front bumper. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for details.
- If a surfboard or other long object is to be mounted on the roof, make sure that it will not obstruct the front sensor.
- Do not modify the headlights or other lights.
- Do not attach anything to or place anything on the dashboard.

■ Installation area of front sensor on windshield

When the windshield is fogging up easily, the glass around the front sensor may be hot due to the heater running. If the glass is touched, it may result in burns.

PCS (Pre-Crash Safety system)*

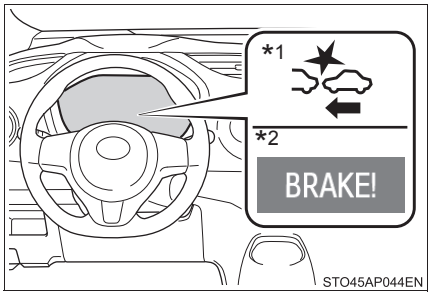
The pre-crash safety system uses the front sensor to detect vehicles in front of your vehicle. When the system determines that the possibility of a frontal collision with a vehicle is high, a warning operates to urge the driver to take evasive action and the potential brake pressure is increased to help the driver avoid the collision.

If the system determines that the possibility of a frontal collision with a vehicle is extremely high, the brakes are automatically applied to help avoid the collision or help reduce the impact of the collision.

The pre-crash safety system can be disabled/enabled and the warning timing can be changed. (→P. 266)

◆ Pre-crash warning

When the system determines that the possibility of a frontal collision is high, a buzzer will sound, the PCS activation indicator will flash*1 or a warning message will be displayed in the multi-information display*2, and the system will urge the driver to take evasive action.



*1: Vehicles with monochrome display

*2: Vehicles with color display

*: If equipped

◆ Pre-crash brake assist

When the system determines that the possibility of a frontal collision with a vehicle is high, the system applies greater braking force in relation to how strongly the brake pedal is depressed.

◆ Pre-crash braking

When the system determines that the possibility of a frontal collision with a vehicle is high, the system warns the driver. If the system determines that the possibility of a collision is extremely high, the brakes are automatically applied to help avoid the collision or reduce the collision speed.

⚠ WARNING

■ Limitations of the pre-crash safety system

- The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings.
  Do not use the pre-crash safety system instead of normal braking operations under any circumstances. This system will not prevent collisions or lessen collision damage or injury in every situation. Do not overly rely on this system. Failure to do so may lead to an accident, resulting in death or serious injury.
- Although this system is designed to help avoid and reduce the impact of a collision, its effectiveness may change according to various conditions, therefore the system may not always be able to achieve the same level of performance.
  Read the following conditions carefully. Do not overly rely on this system and always drive carefully.
  - Conditions under which the system may operate even if there is no possibility of a collision: →P. 270
  - Conditions under which the system may not operate properly: →P. 274
- Do not attempt to test the operation of the pre-crash safety system yourself, as the system may not operate properly, possibly leading to an accident.

WARNING

■ **Pre-crash braking**

- The pre-crash braking function may not operate if certain operations are performed by the driver. If the accelerator pedal is being depressed strongly or the steering wheel is being turned, the system may determine that the driver is taking evasive action and possibly prevent the pre-crash braking function from operating.
- In some situations, while the pre-crash braking function is operating, operation of the function may be canceled if the accelerator pedal is depressed strongly or the steering wheel is turned and the system determines that the driver is taking evasive action.
- A large amount of braking force is applied while the pre-crash braking function is operating. Additionally, as the operation of the pre-crash braking function will be canceled after the vehicle has been stopped for approximately 2 seconds if it is stopped by the operation of the pre-crash braking function, the driver should depress the brake pedal as necessary.
- If the brake pedal is being depressed, the system may determine that the driver is taking evasive action and possibly delay the operation timing of the pre-crash braking function.
- While driving, such as when driving through a railway crossing, the system may determine that the possibility of a collision with an object, such as railway crossing barrier, is high and operate the pre-crash braking function.
  To move the vehicle in an emergency, such as if the system operates in a railway crossing, perform the following operations and then take the necessary measures to ensure your safety.
  - If the vehicle has been stopped, depress the accelerator pedal.
  - If the vehicle is decelerating, fully depress the accelerator pedal. (→P. 269)
  - Disable the pre-crash safety system. (→P. 266)

WARNING

■ **When to disable the pre-crash safety system**

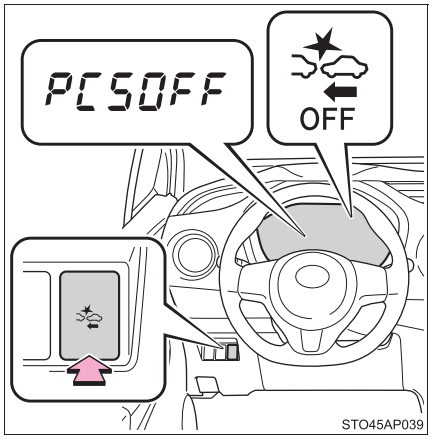
In the following situations, disable the system, as it may not operate properly, possibly leading to an accident resulting in death or serious injury:

- When the vehicle is being towed
- When your vehicle is towing another vehicle
- When transporting the vehicle via truck, boat, train or similar means of transportation
- When the vehicle is raised on a lift with the hybrid system on and the tires are allowed to rotate freely
- When inspecting the vehicle using a drum tester such as a chassis dynamometer or speedometer tester, or when using an on vehicle wheel balancer
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning
- When the vehicle is driven in a sporty manner or off-road
- When the condition of the tires is poor and they do not perform well (→P. 451, 469)
- When tires of a size other than specified are installed
- When tire chains are installed
- When a compact spare tire or an emergency tire puncture repair kit is used

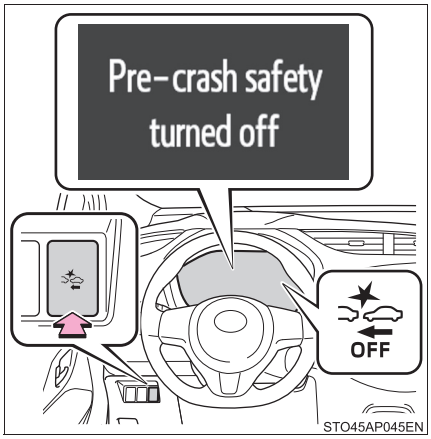
Changing settings of the pre-crash safety system

■ Enabling/disabling the pre-crash safety system

▶ Vehicles with monochrome display



▶ Vehicles with color display



Press the PCS switch for 3 seconds or more.

The PCS warning light will turn on and a message will be displayed in the multi-information display, when the system is turned off.

To enable the system, press the PCS switch again.

The pre-crash safety system is enabled each time the hybrid system is started.

■ **Changing the pre-crash warning timing**

▶ Vehicles with monochrome display

Press the PCS switch to turn on the PCS activation indicator and display the current warning timing in the multi-information display.

Each time the PCS switch is pressed in the displayed state, the timing for the warning changes as follows:

If the operation timing setting has been changed, the setting will be retained the next time the hybrid system is started.

① Far

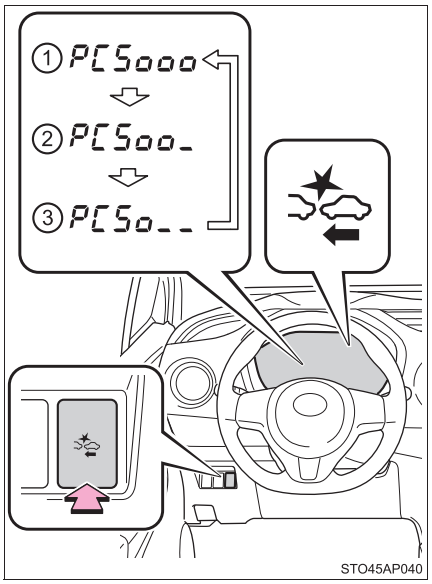
The warning will begin to operate earlier than with the default timing.

② Middle

This is the default setting.

③ Near

The warning will begin to operate later than with the default timing.



▶ Vehicles with color display

Press the PCS switch to display the current warning timing in the multi-information display.

Each time the PCS switch is pressed in the displayed state, the timing for the warning changes as follows:

If the operation timing setting has been changed, the setting will be retained the next time the hybrid system is started.

① Far

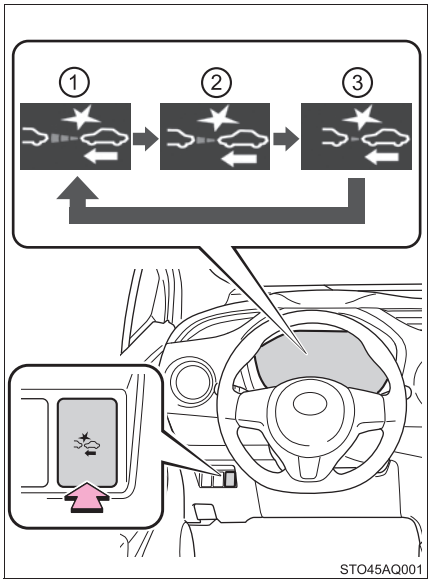
The warning will begin to operate earlier than with the default timing.

② Middle

This is the default setting.

③ Near

The warning will begin to operate later than with the default timing.



■ **Operational conditions**

The pre-crash safety system is enabled and determines that the possibility of a frontal collision with a vehicle is high.

Each function is operational at the following speeds:

- Pre-crash warning:
  - Vehicle speed is approximately 15 to 140 km/h (10 to 86 mph).
  - The relative speed between your vehicle and a preceding vehicle is approximately 15 km/h (10 mph) or more.
- Pre-crash brake assist:
  - Vehicle speed is approximately 30 to 80 km/h (19 to 49 mph).
  - The relative speed between your vehicle and a preceding vehicle is approximately 30 km/h (19 mph) or more.
- Pre-crash braking:
  - Vehicle speed is approximately 10 to 80 km/h (7 to 49 mph).
  - The relative speed between your vehicle and a preceding vehicle is approximately 10 km/h (7 mph) or more.

The system may not operate in the following situations:

- If a battery terminal has been disconnected and reconnected and then the vehicle has not been driven for a certain amount of time
- If the shift lever is in R
- If VSC is disabled (only the pre-crash warning function will be operational)

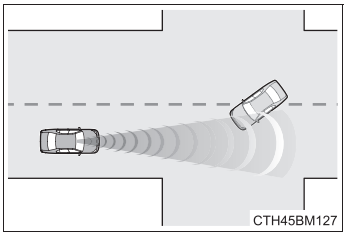
■ **Cancelation of the pre-crash braking**

- If either of the following occur while the pre-crash braking function is operating, it will be canceled:
  - The accelerator pedal is depressed strongly.
  - The steering wheel is turned sharply or abruptly.
- If the vehicle is stopped by the operation of the pre-crash braking function, the operation of the pre-crash braking function will be canceled after the vehicle has been stopped for approximately 2 seconds.

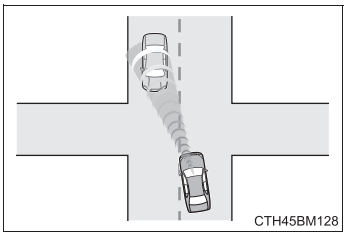
■ **Conditions under which the system may operate even if there is no possibility of a collision**

● In some situations such as the following, the system may determine that there is a possibility of a frontal collision and operate.

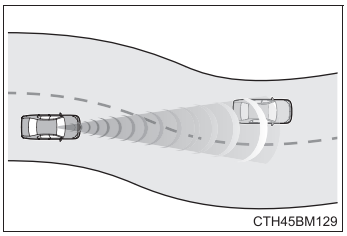
• When passing a vehicle in an oncoming lane that is stopped to make a right/left turn



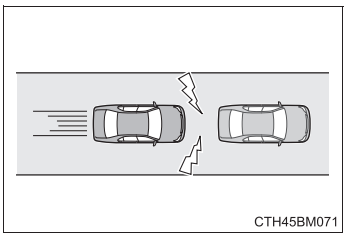
• When passing an oncoming vehicle while making a left or right turn



• When driving on a road where relative location to vehicle ahead in an adjacent lane may change, such as on a winding road

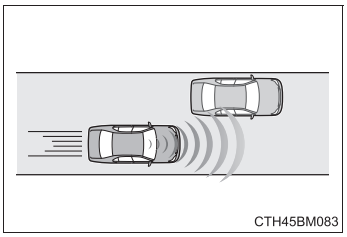


• When rapidly closing on a preceding vehicle

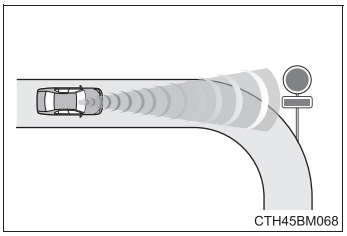


• If the front of the vehicle is raised or lowered, such as when the road surface is uneven or undulating

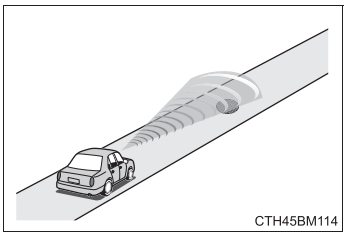
- When passing extremely close to a vehicle or structural object



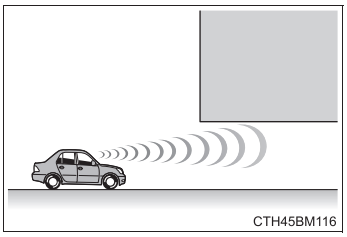
- When there is a vehicle or object by the roadside at the entrance of a curve



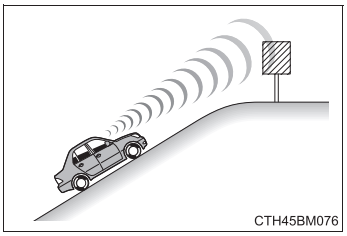
- When driving on a narrow path surrounded by a structure, such as in a tunnel or on an iron bridge
- When there is a reflective object (manhole cover, steel plate, etc.), steps, dip, or a protrusion on the road surface or roadside



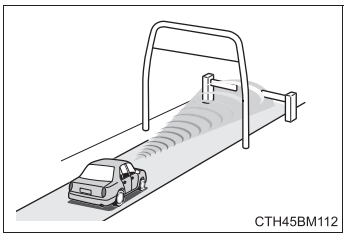
- When passing through a place with a low structure above the road (low ceiling, traffic sign, etc.)



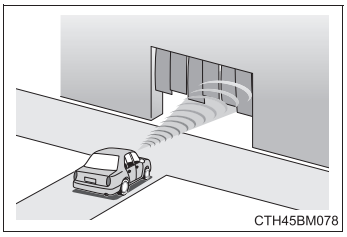
- When there is a structural object (overpass, traffic sign, billboard, street light, etc.) at the top of an uphill road



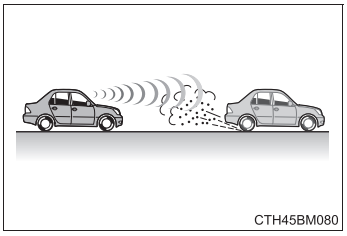
- When rapidly closing on an electric toll gate barrier, parking area barrier, or other barrier that opens and closes


CTH45BM112

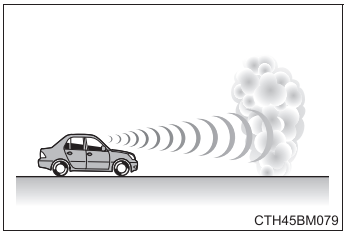
- When using an automatic car wash
- When approaching a low hanging object that may contact the vehicle, such as a banner, tree branches or thick grass


CTH45BM078

- When the vehicle is hit by water, snow, dust, etc. from a vehicle ahead

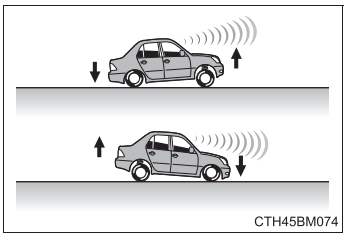

CTH45BM080

- When driving through steam or smoke

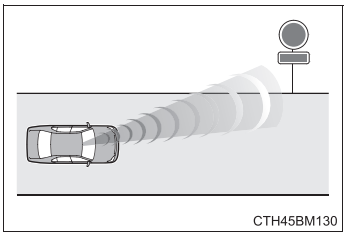

CTH45BM079

- When there are patterns or paint on the road or a wall that may be mistaken for a vehicle

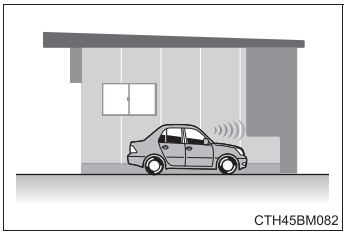
- When the front part of the vehicle is raised or lowered


CTH45BM074

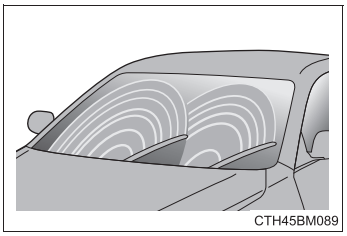
- When the sensor is misaligned due to a strong impact being applied to the sensor, etc.


CTH45BM130

- When the vehicle is being parked in a place where there is a low hanging object at the height of the front sensor


CTH45BM082

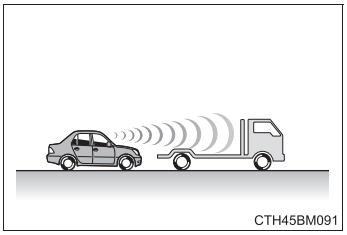
- When the windshield is covered with raindrops, etc.


CTH45BM089

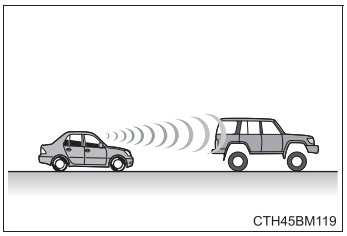
■ **Situations in which the system may not operate properly**

● In some situations such as the following, a vehicle may not be detected by the front sensor, preventing the system from operating properly:

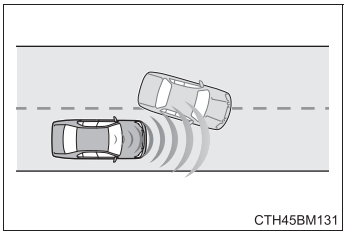
- If an oncoming vehicle is approaching your vehicle
- When approaching the side or front of a vehicle
- If a preceding vehicle has a small rear end, such as an unloaded truck
- If a preceding vehicle has a low rear end, such as a low bed trailer


CTH45BM091

- If a vehicle ahead is carrying a load which protrudes past its rear bumper
- If a vehicle ahead has extremely high ground clearance

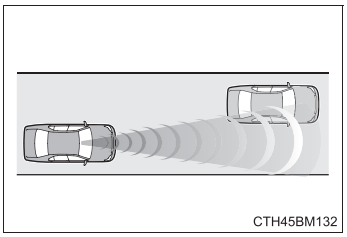

CTH45BM119

- If a vehicle ahead is irregularly shaped, such as a tractor or side car
- If the sun or other light is shining directly on a vehicle ahead
- If a vehicle cuts in front of your vehicle or emerges from beside a vehicle

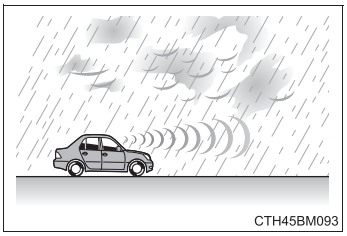

CTH45BM131

- If a vehicle ahead makes an abrupt maneuver (such as sudden swerving, acceleration or deceleration)
- When suddenly cutting behind a preceding vehicle

- When a vehicle ahead is not directly in front of your vehicle

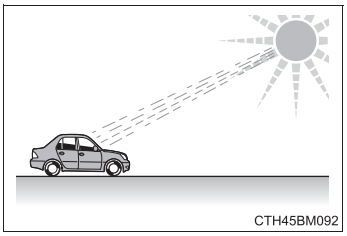

CTH45BM132

- When driving in inclement weather such as heavy rain, fog, snow or a sand storm

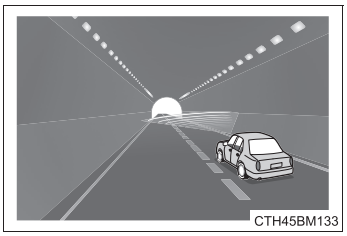

CTH45BM093

- When the vehicle is hit by water, snow, dust, etc. from a vehicle ahead
- When driving through steam or smoke that may obscure vehicles ahead
- When driving in a place where the surrounding brightness changes suddenly, such as at the entrance or exit of a tunnel

- When a very bright light, such as the sun or the headlights of oncoming traffic, shines directly into the front sensor

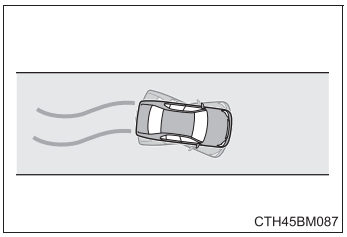

CTH45BM092

- When the surrounding area is dim, such as at dawn or dusk, or while at night or in a tunnel

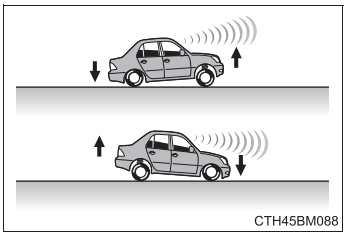

CTH45BM133

- While driving on a curve and for a certain amount of time after driving on a curve

- If your vehicle is skidding

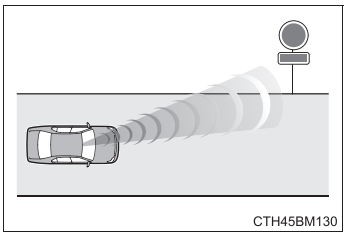

CTH45BM087

- When the front part of the vehicle is raised or lowered


CTH45BM088

- If the wheels are misaligned
- If a wiper blade is blocking the front sensor
- The vehicle is wobbling.
- The vehicle is being driven at extremely high speeds.
- When driving on roads with sharp bends or uneven surfaces
- When a preceding vehicle is a poor reflector of laser

- When the sensor is misaligned due to a strong impact being applied to the sensor, etc.


CTH45BM130

● In some situations such as the following, sufficient braking force may not be obtained, preventing the system from performing properly:

- If the braking functions cannot operate to their full extent, such as when the brake parts are extremely cold, extremely hot, or wet
- If the vehicle is not properly maintained (brakes or tires are excessively worn, improper tire inflation pressure, etc.)
- When the vehicle is being driven on a gravel road or other slippery surface

■ **If the PCS warning light flashes or illuminates (vehicles with monochrome display)**

The pre-crash safety system may be temporarily unavailable or there may be a malfunction in the system.

- In the following situations, the warning light will be cleared and the system will become operational when normal operating conditions return:
  - When the area around the front sensor is hot, such as after the vehicle has been parked in the sun
  - When the windshield is fogged up or covered with condensation or ice (→P. 390)
  - When the front sensor or the area around either sensor is cold, such as in an extremely cold environment
  - If the area in front of the front sensor is obstructed, such as when the hood is open
- If the PCS warning light continues to flash or illuminate, the system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **If the PCS warning light flashes or illuminates and a warning message is displayed on the multi-information display (vehicles with color display)**

The pre-crash safety system may be temporarily unavailable or there may be a malfunction in the system.

- In the following situations, the warning light will turn off, the message will disappear and the system will become operational when normal operating conditions return:
  - When the area around the front sensor is hot, such as in the sun
  - When the windshield is fogged up or covered with condensation or ice (→P. 390)
  - When the front sensor or the area around either sensor is cold, such as in an extremely cold environment
  - If the area in front of the front sensor is obstructed, such as when the hood is open
- If the PCS warning light continues to flash or illuminate or the warning message does not disappear, the system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **If VSC is disabled**

- If TRC and VSC are disabled (→P. 305), the pre-crash brake assist and pre-crash braking functions are also disabled. However, the pre-crash warning function will still operate.
- Vehicles with monochrome display: The PCS warning light illuminates.
- Vehicles with color display: The PCS warning light illuminates and “VSC turned off. Pre-crash brake system unavailable.” is displayed on the multi-information display.

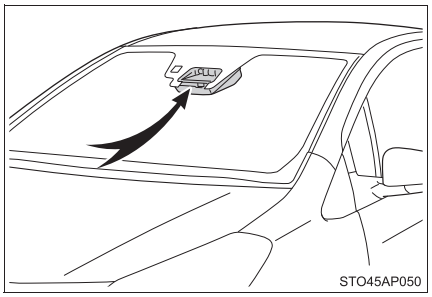
LDA (Lane Departure Alert)*

Summary of function

While driving on a road that has lane markers, this system recognizes the lane markers using a camera as a sensor to alert the driver when the vehicle deviates from its lane.

If the system judges that the vehicle has deviated from its lane, it alerts the driver using a buzzer and indications on the multi-information display.

Front sensor



*: If equipped

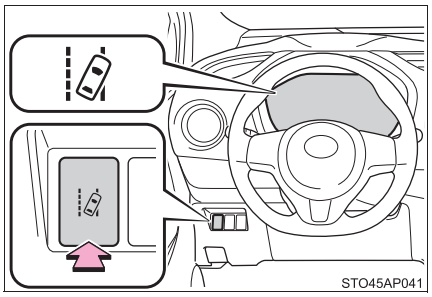
Turning the LDA system on

Press the LDA switch to activate the system.

The LDA indicator will come on.

Press the switch again to turn the LDA system off.

The LDA system will remain on or off even if the power switch is turned to the “ON” position (vehicles without a smart entry & start system) or ON mode (vehicles with a smart entry & start system).



Operating conditions

- When the vehicle speed is approximately 50 km/h (32 mph) or more
- When the lane width is more than approximately 3 m (9.8 ft.)
- When driving on a straight road or through a curve with a radius of more than approximately 150 m (492 ft.)

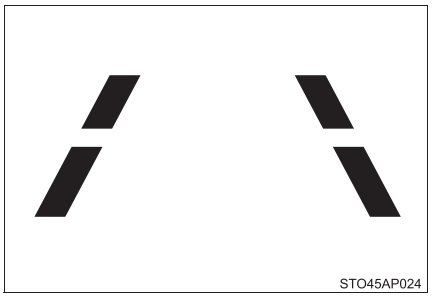
Indication on the multi-information display

▶ Vehicles with monochrome display

When both of the lane marker indicators turn green:

Indicates that both right and left lane markers are recognized.

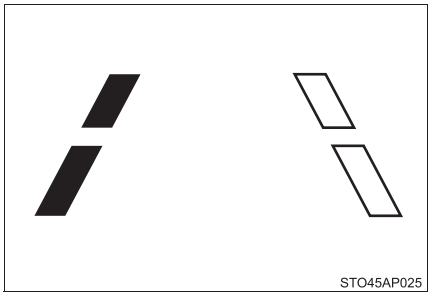
If the vehicle deviates from the lane, the lane marker indicators of the deviated side will flash yellow.



When either of the lane marker indicators turns green:

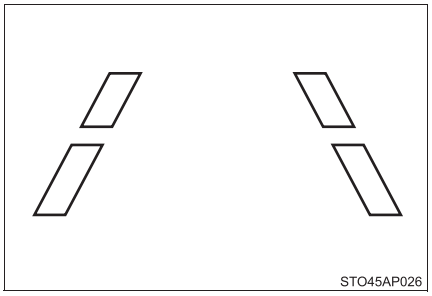
Indicates that the lane marker on the green-marked side is recognized.

If the vehicle deviates from a lane on the side with the recognized lane markers, the lane marker indicators will flash in yellow.



When both of the lane marker indicators turn off:

Indicates that no lane markers are recognized or the LDA system is temporarily canceled.



▶ Vehicles with color display

When the inside of both lane lines turn white:
Indicates that both right and left lane markers are recognized.

If the vehicle deviates from the lane, the lane line on the side the vehicle has deviated from will flash yellow.


STO45AP053

When the inside of either lane line turns white:
Indicates that the lane marker on the white-marked side is recognized.

If the vehicle deviates from the side of a lane with recognized lane markers, the lane line will flash yellow.


STO45AP052

When the inside of both lane lines are black:
Indicates that no lane markers are recognized or the LDA system is temporarily canceled.


STO45AP051

■ **Temporary cancelation of the LDA system functions**

If any of the following occurs, the LDA system functions will be temporarily canceled. The functions will resume after the necessary operating conditions have returned.

- The turn signal lever is operated.
- The vehicle speed deviates from the operating range of the LDA system functions.
- When the lane lines cannot be recognized while driving.
- When the lane departure warning sounds.
  The lane departure warning function will not operate again for a several seconds after it has been activated, even if the vehicle leaves the lane again.

■ **The lane departure warning**

Depending on the audio system sound level or air conditioning fan noise while the audio system or air conditioning system is in use, it may be difficult to hear the warning sound.

■ **After the vehicle has been parked in the sun**

The LDA system may not be immediately available. When the temperature in the cabin decreases and the temperature around the front sensor (→P. 257) becomes suitable for its operation, the functions will begin to operate.

■ **If there are lane markers on only one side of the vehicle**

The lane departure warning will not operate for the side on which lane markers could not be recognized.

■ **Conditions in which the function may not operate correctly**

In the following situations, the front sensor may be unable to recognize lane markers causing the lane departure warning function to operate incorrectly. However, this does not indicate a malfunction.

- When driving through an area, such as a tollbooth, a crossing or before a ticket checkpoint
- When driving on a sharp curve
- When lane markers are extremely narrow or extremely wide
- When the vehicle leans to one side an unusual amount due to a heavy load or improper tire inflation pressure
- When the following distance between your vehicle and the vehicle ahead is extremely short

- When the lane markers are yellow (These may be more difficult for the system to recognize compared to white markers.)
- When the lane markers are broken, Botts' dots (raised pavement markers) or stones
- When the lane markers are on a curb etc.
- When lane markers are obscured or partially obscured by sand, dirt, etc.
- When there are shadows on the road running parallel with lane markers, or if a shadow covers the lane markers
- When driving on a particularly bright road surface, such as concrete
- When driving on a road surface that is bright due to reflected light
- When driving in a location where the light level changes rapidly, such as the entrance to or exit from a tunnel
- When sunlight or the headlights of oncoming vehicles are shining directly into the camera lens
- When driving on roads that are branching or merging
- When driving on a road surface that is wet due to rain, previous rainfall, standing water, etc.
- When the vehicle experiences strong up-and-down motion such as when driving on an extremely rough road or on a seam in the pavement
- When headlight brightness at nighttime is reduced due to dirt on the lenses, or when the headlights are misaligned
- When driving on winding roads or roads that are uneven
- When driving on rough or unpaved roads
- When the windshield is dirty, or if raindrops, condensation or ice are adhering to the windshield
- When the heater is blowing to the feet, the upper part of the windshield may get fogged up and have a negative effect
- When cleaning the inside of the windshield, touching the lens or getting glass cleaner on the lens may have a negative effect

■ **When changing the tires**

Depending on the tires used, sufficient performance may not be maintainable.

■ **If the LDA indicator comes on in yellow (vehicles with monochrome display)**

It may indicate a malfunction in the system. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **Warning messages for the LDA system (vehicles with color display)**

Warning messages are used to indicate a system malfunction or to inform the driver of the need for caution while driving.

■ **Customization**

→P. 607

⚠ WARNING

■ **Before using the LDA system**

Do not rely solely on the LDA system. The LDA system does not drive the vehicle automatically, nor does it reduce the amount of care you need to take. As such, the driver must always assume full responsibility for understanding his/her surroundings, for operating the steering wheel to correct the driving line, and for driving safely.

Inappropriate or negligent driving could lead to an accident.

■ **To avoid operating the LDA by mistake**

Switch the LDA system off using the LDA switch when not in use.

NOTICE

■ **To prevent damage to or incorrect operation of the LDA system**

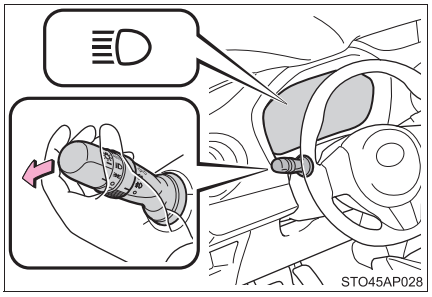
- Do not modify the headlights or attach stickers to the surface of the lights.
- Do not modify the suspension. If your suspension needs repairs, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Do not install or place anything on the hood or the grille. Also, do not install a grille guard (bull bars, kangaroo bar, etc.).
- If your windshield needs repairs, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Automatic High Beam*

The Automatic High Beam uses an in-vehicle front sensor to assess the brightness of streetlights, the lights of oncoming and preceding vehicles, etc., and automatically turns high beam on or off as necessary.

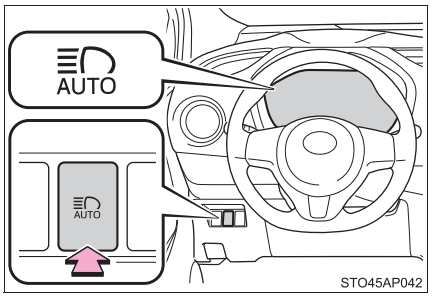
Activating the Automatic High Beam system

1 Push the lever away from you with the headlight switch in AUTO or position.



2 Press the Automatic High Beam switch.

The Automatic High Beam indicator will come on green when the headlights are turned on automatically to indicate that the system is active.



*: If equipped

High beam automatic turning on or off conditions

When all of the following conditions are fulfilled, high beam will be automatically turned on:

- Vehicle speed is above approximately 40 km/h (25 mph).
- The area ahead of the vehicle is dark.
- There are no oncoming or preceding vehicles with headlights or tail lights turned on.
- There are few streetlights on the road ahead.

If any of the following conditions are fulfilled, high beam will be automatically turned off:

- Vehicle speed drops below approximately 30 km/h (19 mph).
- The area ahead of the vehicle is not dark.
- Oncoming or preceding vehicles have headlights or tail lights turned on.
- There are many streetlights on the road ahead.

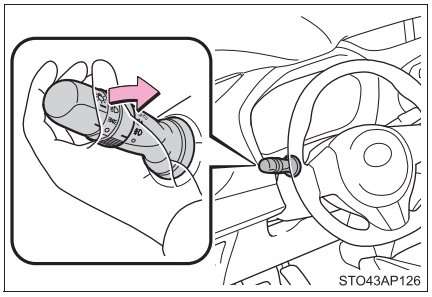
Turning the high beam on/off manually

■ Switching to low beam

Pull the lever to original position.

The Automatic High Beam indicator will turn off.

Push the lever away from you to activate the Automatic High Beam system again.

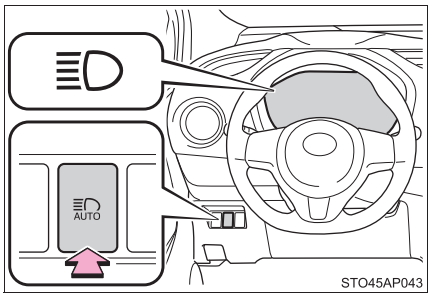


■ Switching to high beam

Press the Automatic High Beam switch.

The Automatic High Beam indicator will turn off and the Headlight high beam indicator will turn on.

Press the switch to activate the Automatic High Beam system again.



■ **The Automatic High Beam can be operated when**

▶ Vehicles without a smart entry & start system

The power switch is in the “ON” position.

▶ Vehicles with a smart entry & start system

The power switch is in ON mode.

■ **Front sensor detection information**

- High beam may not be automatically turned off in the following situations:
  - When oncoming vehicles suddenly appear from a curve
  - When the vehicle is cut in front of by another
  - When oncoming or preceding vehicles are hidden from sight due to repeated curves, road dividers or roadside trees
- High beam may be turned off if an oncoming vehicle that is using fog lights without using the headlights is detected.
- House lights, street lights, red traffic signals, and illuminated billboards or signs may cause the high beam to turn off.
- The following factors may affect the amount of time taken to turn high beam on or off:
  - The brightness of headlights, fog lights, and tail lights of oncoming and preceding vehicles
  - The movement and direction of oncoming and preceding vehicles
  - When a oncoming or preceding vehicle only has operational lights on one side
  - When a oncoming or preceding vehicle is a two-wheeled vehicle
  - The condition of the road (gradient, curve, condition of the road surface, etc.)
  - The number of passengers and amount of luggage
- High beam may be turned on or off when unexpected by the driver.

● In the situations below, the system may not be able to correctly detect the surrounding brightness levels, and may flash or expose nearby pedestrians to the high beam. Therefore, you should consider turning the high beams on or off manually rather than relying on the Automatic High Beam system.

- In bad weather (rain, snow, fog, sandstorms, etc.)
- The windshield is obscured by fog, mist, ice, dirt, etc.
- The windshield is cracked or damaged.
- The front sensor is deformed or dirty.
- The front sensor temperature is extremely high.
- Surrounding brightness levels are equal to those of headlights, tail lights or fog lights.
- Vehicles ahead have headlights or tail lights that are either switched off, dirty, are changing color, or are not aimed properly.
- When driving through an area of intermittently changing brightness and darkness.
- When frequently and repeatedly driving ascending/descending roads, or roads with rough, bumpy or uneven surfaces (such as stone-paved roads, gravel tracks, etc.).
- When frequently and repeatedly taking curves or driving on a winding road.
- There is a highly reflective object ahead of the vehicle, such as a sign or a mirror.
- The back of a vehicle ahead is highly reflective, such as a container on a truck.
- The vehicle's headlights are damaged or dirty.
- The vehicle is listing or titling, due to a flat tire, a trailer being towed, etc.
- The driver believes that the high beam may be causing problems or distress to other drivers or pedestrians nearby.

■ **If the Automatic High Beam indicator comes on in yellow (vehicles with monochrome display)**

It may indicate a malfunction in the system. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **If "Headlight system malfunction. Visit your dealer." is displayed on the multi-information display (vehicles with color display)**

The system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

Limitations of the Automatic High Beam

Do not rely on the Automatic High Beam. Always drive safely, taking care to observe your surroundings and turning high beam on or off manually if necessary.

NOTICE

Notes when using the Automatic High Beam system

Observe the following to ensure that the Automatic High Beam functions correctly.

- Do not overload the vehicle.
- Do not modify the vehicle.

RSA (Road Sign Assist)*

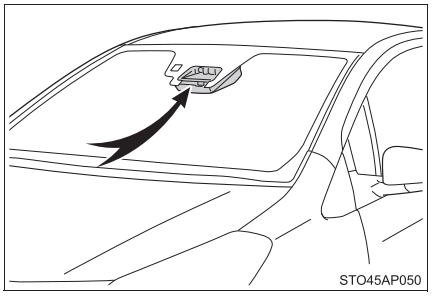
Summary of function

RSA recognizes specific road signs using the front sensor and provides information to the driver via the multi-information display.

If the system judges that the vehicle is being driven over the speed limit, performing prohibited actions, etc., in relation to the recognized road signs, it alerts the driver using a warning display and warning buzzer*.

*: This setting needs to be customized.

Front sensor

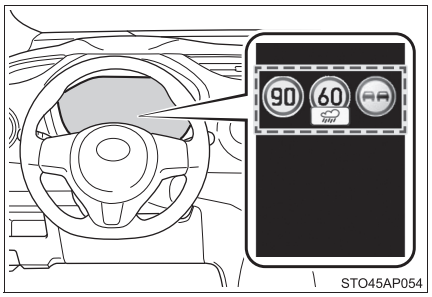


*: If equipped

Indication on the multi-information display

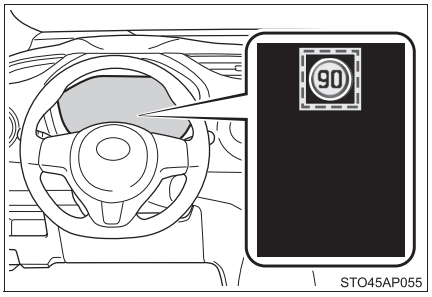
After the front sensor recognizes a sign, it is displayed on the multi-information display when the vehicle passes the sign.

- When the driving assist system information is selected, a maximum of 3 signs can be displayed. (→P. 125)



- When other than the driving assist system information is selected, a speed limit sign or an all canceled sign can be displayed. (→P. 125)

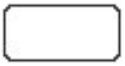
  A no overtaking sign and a speed limit sign with supplemental mark are not displayed. However, if signs other than speed limit signs are recognized, they are mentioned in a stack under the current speed limit sign.



Types of recognized road signs

The following types of road signs, including electronic signs and blinking signs, are recognized.

A non-official (not meeting the Vienna Convention) or a recently introduced traffic sign may not be recognized.

Type		Multi-information display
Speed limit begins/ends*1		
Speed limit with supplemental mark (Displayed simultaneously with speed limit)  (Display example)	Rain	
	Ice	
	On/off ramp*2	
	Supplemental mark exists (Contents not recognized)	
No overtaking begins/ends		
All canceled (All restrictions canceled. Returns to default road regulation.)		

*1: A speed limit sign with a value greater than 130 may not be recognized and a wrong speed limit may be displayed.

*2: If the turn signal indicator is not operated when changing lanes, the mark does not display.

Warning display

In the following situations, the RSA system alerts the driver using a warning display.

- When the vehicle speed exceeds the speed warning threshold applied to the speed limit of the sign displayed on the multi-information display, the sign color becomes inverted.
- If it is detected that your vehicle is overtaking when a no overtaking sign is displayed on the multi-information display, the sign flashes.

Depending on the situation, traffic environment (traffic direction, speed, unit) may be detected incorrectly and a warning display may not operate properly.

Automatic turn-off of RSA sign display

One or more signs automatically turn off in the following situations.

- A new sign is not recognized for a certain distance.
- The road changes due to a left or right turn, etc.
  Depending on the situation, the driving behavior (turning, lane change, etc.) may be detected incorrectly and the automatic turn-off may not operate properly.

■ **Conditions in which the function may not operate or detect correctly**

In the following situations, RSA does not operate normally and may not recognize signs, display the incorrect sign, etc. However, this does not indicate a malfunction.

- The front sensor is misaligned due to a strong impact being applied to the sensor, etc.
- Dirt, snow, stickers, etc., are on the windshield near the front sensor.
- In inclement weather such as heavy rain, fog, snow or sand storms
- Light from an oncoming vehicle, the sun, etc., enters the front sensor.
- The sign is small, dirty, faded, tilted or bent, and if an electronic sign, the contrast is poor.
- All or part of the sign is hidden by the leaves of a tree, a pole, etc.
- The sign is only visible to the front sensor for a short amount of time.
- The driving scene (turning, lane change, etc.) is judged incorrectly.
- Even if it is a sign not appropriate for the currently traveled lane, such a sign exists directly after a freeway branches, or in an adjacent lane just before merging.
- Stickers are attached to the rear of the preceding vehicle.
- A sign resembling a system compatible sign is recognized.
- The vehicle is driven in a country with a different direction of traffic.
- Side road speed signs may be detected and displayed (if positioned in sight of the front sensor) while the vehicle is traveling on the main road.
- Roundabout exit road speed signs may be detected and displayed (if positioned in sight of the front sensor) while traveling on a roundabout.
- The speed information displayed on the meter and that displayed on the Navigation system (if equipped) may be different due to the Navigation system using map data.

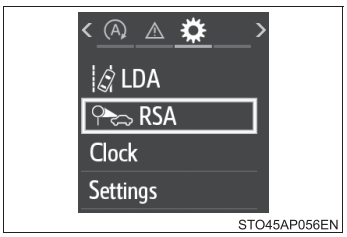
■ **When driving vehicle in country with different speed unit**

Since RSA recognizes signs based on the set unit of the meter, it is necessary to change the set unit of the meter. Adjust the set unit of the meter to the speed unit of signs in the current location. (→P. 608)

■ **Turning the system on/off**

1 Select  on the settings display (→P. 125)

2 Press the enter/set switch on the meter control switches.



■ **Speed limit sign display**

If the power switch was last turned off while a speed limit sign was displayed on the multi-information display, the same sign displays again when the power switch is turned to the “ON” position (vehicles without a smart entry & start system) or ON mode (vehicles with a smart entry & start system).

■ **When “Check RSA system.” is displayed on the multi-information display**

The system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **Customization**

The settings for warning display, warning buzzer*, speeding warning threshold, etc., can be changed. (Customizable feature: →P. 608)

*: If a speed limit with supplemental mark is exceeded, the warning buzzer does not operate.

⚠ WARNING

■ **Before using the RSA**

Do not rely solely upon the RSA system. RSA is a system which supports the driver by providing information, but it is not a replacement for a driver’s own vision and awareness. Drive safely by always paying careful attention to the traffic rules.

Inappropriate or negligent driving could lead to an unexpected accident.

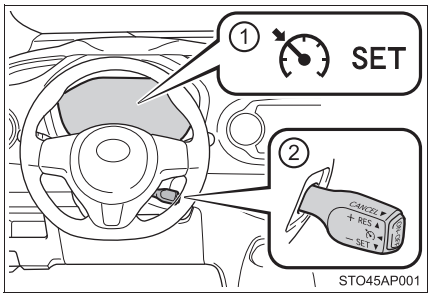
Cruise control*

Summary of functions

Use the cruise control to maintain a set speed without depressing the accelerator pedal.

① Indicators

② Cruise control switch

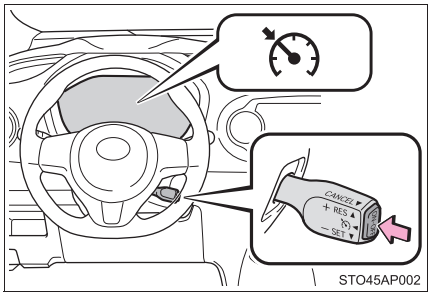


Setting the vehicle speed

1 Press the “ON-OFF” button to activate the cruise control.

Cruise control indicator will come on.

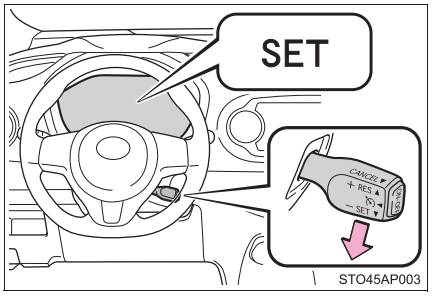
Press the button again to deactivate the cruise control.



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

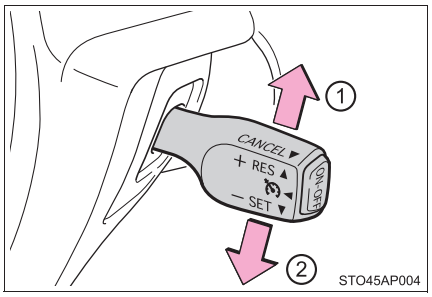
To change the set speed, operate the lever until the desired set speed is obtained.

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.

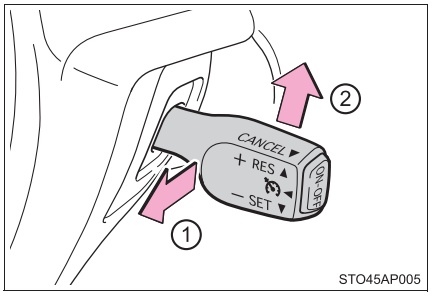
Large adjustment: The set speed can be increased or decreased continually until the lever is released.

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 lever 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 40 km/h (25 mph).
- VSC is activated.

■ **If the cruise control indicator comes in yellow (vehicles with monochrome display) or "Check cruise control system." is displayed on the multi-information display (vehicles with color 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 retailer or Toyota authorized repairer, or any reliable repairer.

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

Driving assist systems

To keep driving safety and performance, the following systems operate automatically in response to various driving situations. Be aware, however, that these systems are supplementary and should not be relied upon too heavily when operating the vehicle.

◆ 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

◆ Hill-start assist control

Helps to reduce the backward movement of the vehicle when starting on an uphill

◆ EPS (Electric Power Steering)

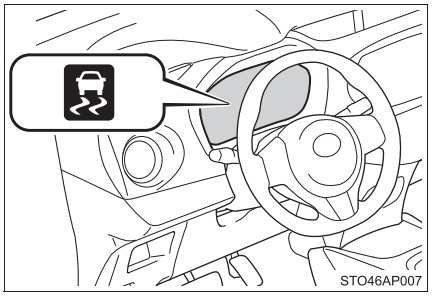
Employs an electric motor to reduce the amount of effort needed to turn the steering wheel

◆ Emergency brake signal

When the brakes are applied suddenly, the emergency flashers automatically flash to alert the vehicle behind.

When the TRC/VSC/ABS systems are operating

The slip indicator light will flash while the TRC/VSC/ABS systems are operating.



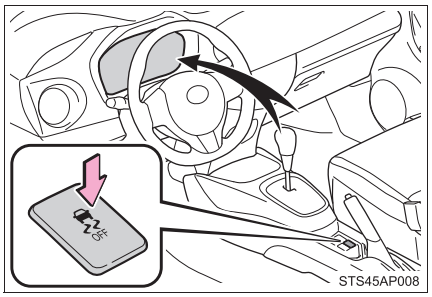
Disabling the TRC system

If the vehicle gets stuck in mud, dirt or snow, the TRC system may reduce power from the hybrid system to the wheels. Pressing  to turn the system off may make it easier for you to rock the vehicle in order to free it.

To turn the TRC system off, quickly press and release .

Vehicles with monochrome display: The “TRC OFF” indicator light will come on.

Vehicles with color display: The “TRC off” will be shown on the multi-information display.



Press  again to turn the system back on.

■ **Turning off both TRC and VSC systems**

▶ Vehicles with monochrome display

To turn the TRC and VSC systems off, press and hold  for more than 3 seconds while the vehicle is stopped.

The “TRC OFF” indicator light and the VSC OFF indicator light will come on.

Press  again to turn the systems back on.

▶ Vehicles with color display

To turn TRC and VSC systems off, press and hold  for more than 3 seconds while the vehicle is stopped.

The VSC OFF indicator light will come on and the “TRC off” will be shown on the multi-information display.*

Press  again to turn the systems back on.

*: On vehicles with pre-crash safety system, pre-crash brake assist and pre-crash braking will also be disabled. The PCS warning light will come on. (→P. 278)

■ **When the “TRC OFF” indicator comes on even if  has not been pressed (vehicles with monochrome display)**

The TRC cannot be normally operated. If the indicator light continues to remain on, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **When the message is displayed on the multi-information display showing that TRC has been disabled even if  has not been pressed (vehicles with color display)**

The TRC cannot be normally operated. If the message is being displayed, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **Sounds and vibrations caused by the ABS, brake assist, VSC, TRC and hill-start assist control systems**

- A sound may be heard from the engine compartment when the brake pedal is depressed repeatedly, when the hybrid system is started or just after the vehicle begins to move. This sound does not indicate that a malfunction has occurred in any of these systems.
- Any of the following conditions may occur when the above systems are operating. None of these indicates that a malfunction has occurred.
- Vibrations may be felt through the vehicle body and steering.
- A motor sound may be heard also after the vehicle comes to a stop.

■ **ECB operating sound**

ECB operating sound may be heard in the following cases, but it does not indicate that a malfunction has occurred.

- Operating sound heard from the engine compartment when the brake pedal is operated.
- Motor sound of the brake system heard from the front part of the vehicle when the driver's door is opened.
- Operating sound heard from the engine compartment when one or two minutes passed after the stop of the hybrid system.

■ **EPS operation sound**

When the steering wheel is operated, a motor sound (whirring sound) may be heard. This does not indicate a malfunction.

■ **Automatic reactivation of TRC and VSC systems**

After turning the TRC and VSC systems off, the systems will be automatically re-enabled in the following situations:

- When the power switch is turned off
- If only the TRC system is turned off, the TRC will turn on when vehicle speed increases
  If both the TRC and VSC systems are turned off, automatic re-enabling will not occur when vehicle speed increases.

■ **Reduced effectiveness of the EPS system**

The effectiveness of the EPS system is reduced to prevent the system from overheating when there is frequent steering input over an extended period of time. The steering wheel may feel heavy as a result. Should this occur, refrain from excessive steering input or stop the vehicle and turn the hybrid system off. The EPS system should return to normal within 10 minutes.

■ **Operating conditions of hill-start assist control**

When the following four conditions are met, the hill-start assist control will operate:

- The shift lever is in a position other than P or N (when starting off 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:

- The shift lever is shifted to P or N.
- The accelerator pedal is depressed.
- The parking brake is engaged.
- 2 seconds at maximum elapsed after the brake pedal is released.

■ **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.

WARNING

■ **The ABS does not operate effectively when**

- The limits of tire gripping performance have been exceeded (such as excessively worn tires on a snow covered road).
- The vehicle hydroplanes while driving at high speed on wet or slick roads.

■ **Stopping distance when the ABS is operating may exceed that of normal conditions**

The ABS is not designed to shorten the vehicle's stopping distance. Always maintain a safe distance from the vehicle in front of you, especially in the following situations:

- When driving on dirt, gravel or snow-covered roads
- When driving with tire chains
- When driving over bumps in the road
- When driving over roads with potholes or uneven surfaces

■ **TRC/VSC may not operate effectively when**

Directional control and power may not be achievable while driving on slippery road surfaces, even if the TRC/VSC system is operating.
Drive the vehicle carefully in conditions where stability and power may be lost.

■ **Hill-start assist control does not operate effectively when**

- Do not overly rely on hill-start assist control. Hill-start assist control may not operate effectively on steep inclines and roads covered with ice.
- Unlike the parking brake, hill-start assist control is not intended to hold the vehicle stationary for an extended period of time. Do not attempt to use hill-start assist control to hold the vehicle on an incline, as doing so may lead to an accident.

■ **When the VSC is activated**

The slip indicator light flashes. Always drive carefully. Reckless driving may cause an accident. Exercise particular care when the indicator light flashes.

WARNING

■ **When the TRC/VSC systems are turned off**

Be especially careful and drive at a speed appropriate to the road conditions. As these are the systems to help ensure vehicle stability and driving force, do not turn the TRC/VSC systems off unless necessary.

■ **Replacing tires**

Make sure that all tires are of the specified size, brand, tread pattern and total load capacity. In addition, make sure that the tires are inflated to the recommended tire inflation pressure level.

The ABS, TRC and VSC systems will not function correctly if different tires are installed on the vehicle.
Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for further information when replacing tires or wheels.

■ **Handling of tires and the suspension**

Using tires with any kind of problem or modifying the suspension will affect the driving assist systems, and may cause a system to malfunction.

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. 233)

◆ Use of Hybrid System Indicator

The Eco-friendly driving is possible by keeping the indicate of Hybrid System Indicator within Eco area. (→P. 115)

◆ Shift lever operation

Shift the shift lever to D when stopped at a traffic light, or driving in heavy traffic etc. Shift the shift lever to P when parking. When using the N, there is no positive effect on fuel consumption. In the N, the gasoline engine operates but electricity cannot be generated. Also, when using the air conditioning system, etc., the hybrid battery (traction battery) power is consumed.

◆ Acceleration pedal/brake pedal operation

- Drive your vehicle smoothly. Avoid abrupt acceleration and deceleration. Gradual acceleration and deceleration will make more effective use of the electric motor (traction motor) without having to use gasoline engine power.
- Avoid repeated acceleration. Repeated acceleration consumes hybrid battery (traction battery) power, resulting in poor fuel consumption. Battery power can be restored by driving with the accelerator pedal slightly released.

◆ When braking

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

◆ Delays

Repeated acceleration and deceleration, as well as long waits at traffic lights, will lead to bad fuel economy. Check traffic reports before leaving and avoid delays as much as possible. When driving in a traffic jam, gently release the brake pedal to allow the vehicle to move forward slightly while avoiding overuse of the accelerator pedal. Doing so can help control excessive gasoline consumption.

◆ Highway driving

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

◆ Air conditioning

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

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

In winter: Because the gasoline engine will not automatically cut out until it and the interior of the vehicle are warm, it will consume fuel. Also, fuel consumption can be improved by avoiding overuse of the heater.

◆ Checking tire inflation pressure

Make sure to check the tire inflation pressure frequently. Improper tire inflation pressure can cause poor fuel economy.

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

◆ Luggage

Carrying heavy luggage will lead to poor fuel economy. Avoid carrying unnecessary luggage. Installing a large roof rack will also cause poor fuel economy.

◆ Warming up before driving

Since the gasoline engine starts up and cuts out automatically when cold, warming up the engine is unnecessary. Moreover, frequently driving short distances will cause the engine to repeatedly warm up, which can lead to excess fuel consumption.

Winter driving tips

Carry out the necessary preparations and inspections before driving the vehicle in winter. Always drive the vehicle in a manner appropriate to the prevailing weather conditions.

Preparation for winter

- Use fluids that are appropriate to the prevailing outside temperatures.
  - Engine oil
  - Engine/power control unit coolant
  - Washer fluid
- Have a service technician inspect the condition of the 12-volt battery.
- 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 specified 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 move the shift lever to P without setting the parking brake. The parking brake may freeze up, preventing it from being released. If the vehicle is parked without setting the parking brake, make sure to block the wheels.
  Failure to do so may be dangerous because it may cause the vehicle to move unexpectedly, leading to an accident.
- If the vehicle is parked without setting the parking brake, confirm that the shift lever cannot be moved out of P*.

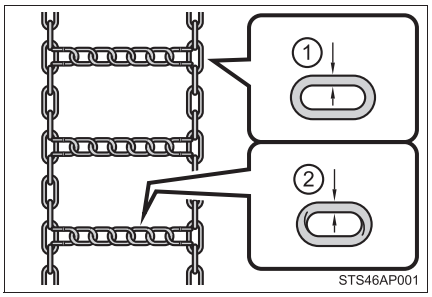
*: The shift lever will be locked if it is attempted to be shifted from P to any other position without depressing the brake pedal. If the shift lever can be shifted from P, there may be a problem with the shift lock system. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

Selecting tire chains

Use the correct tire chain size when mounting the tire chains.
Chain size is regulated for each tire size.

① Side chain
3 mm (0.12 in.) in diameter

② Cross chain
4 mm (0.16 in.) in diameter



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.
- If wheel ornaments are used, they will be scratched by the chain band, so remove the ornaments before putting on the chains. (→P. 561)

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.
- Do not use tires of noticeably different wear level.

■ Driving with tire chains

Observe the following precautions to reduce the risk of accidents.
Failure to do so may result in the vehicle being unable to be driven safely, and may cause death or serious injury.

- Do not drive in excess of the speed limit specified for the tire chains being used, or 50 km/h (30 mph), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.
- Do not use LDA (Lane Departure Alert) (if equipped).

NOTICE

■ **Repairing or replacing snow tires (vehicles with a tire pressure warning system)**

Request repairs or replacement of snow tires from any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or legitimate tire retailers.
This is because the removal and attachment of snow tires affects the operation of the tire pressure warning valves and transmitters.

■ **Fitting tire chains (vehicles with a tire pressure warning system)**

The tire pressure warning valves and transmitters may not function correctly when tire chains are fitted.

Audio system 5

5-1. Basic Operations
Audio system types 320
Steering wheel audio switches.....322
AUX port/USB port 323

5-2. Using the audio system
Optimal use of the audio system 324

5-3. Using the radio
Radio operation 326

5-4. Playing audio CDs and MP3/WMA discs
CD player operation.....330

5-5. Using an external device
Listening to an iPod 339
Listening to a USB memory device 347
Using the AUX port.....353

5-6. Using Bluetooth® devices
Bluetooth® audio/phone.....354
Using the steering wheel switches 360
Registering a Bluetooth® device 361

5-7. "SETUP" menu
Using the "SETUP" menu ("Bluetooth*" menu).....362
Using the "SETUP" menu ("Phone" menu) 367

5-8. Bluetooth® Audio
Operating a Bluetooth® enabled portable player.....371

5-9. Bluetooth® Phone
Making a phone call.....374
Receiving a phone call.....376
Speaking on the phone.....377

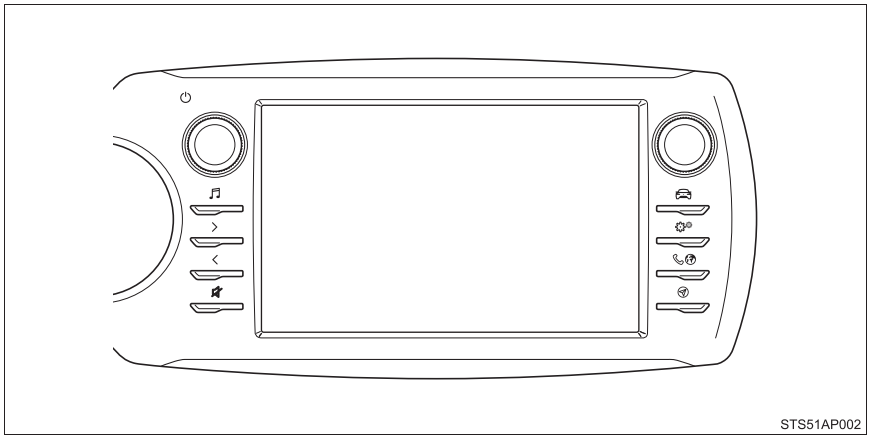
5-10. Bluetooth®
Bluetooth® 379

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

Audio system types*

▶ Vehicles with a Navigation/Multimedia system

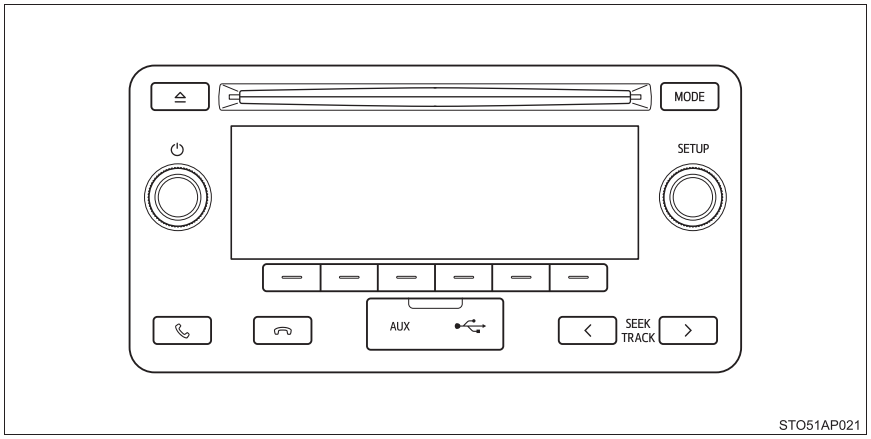
Owners of models equipped with a Navigation/Multimedia system should refer to the “Navigation and multimedia system Owner’s manual”.



*: If equipped

▶ Vehicles without a Navigation/Multimedia system

CD player and AM/FM radio



Using cellular phones

Interference may be heard through the audio system's speakers if a cellular phone is being used inside or close to the vehicle while the audio system is operating.

About Bluetooth®

The Bluetooth wordmark and logo are owned by Bluetooth SIG. and permission has been granted to use the trademark of the licensee Panasonic Corporation. Other trademarks and trade names are owned by various different owners.

NOTICE

To prevent battery discharge

Do not leave the audio system on longer than necessary when the engine is stopped.

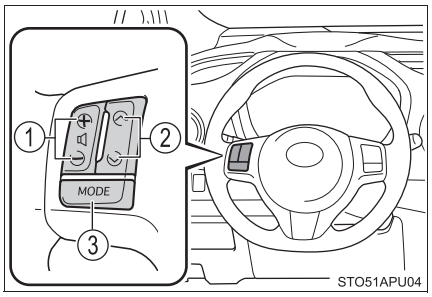
To avoid damaging the audio system

Take care not to spill drinks or other fluids over the audio system.

Steering wheel audio switches

Some audio features can be controlled using the switches on the steering wheel.
Operation may differ depending on the type of audio system or navigation system. For details, refer to the manual provided with the audio system or navigation system.

Operating the audio system using the steering wheel switches



① Volume switch
- Press: Increases/decreases volume
- Press and hold: Continuously increases/decreases volume

② Radio mode:
- Press: Selects a radio station
- Press and hold: Seek up/down

CD, MP3/WMA disc, Bluetooth®, iPod or USB mode:
- Press: Selects a track/file/song
- Press and hold: Select a folder or album (MP3/WMA disc, Bluetooth®, iPod or USB)

③ “MODE” switch
- Turns the power on, selects audio source
- Press and hold this switch to mute or pause the current operation. To cancel the mute or pause, press and hold the switch again.

WARNING

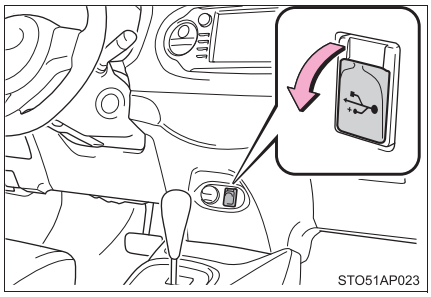
■ To reduce the risk of an accident
Exercise care when operating the audio switches on the steering wheel.

AUX port/USB port*

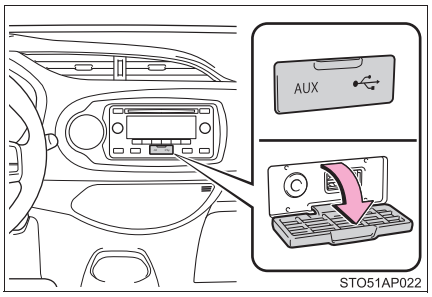
Connect an iPod, USB memory device or portable audio player to the AUX port/USB port as indicated below. Press the “MODE” button to select “iPod”, “USB” or “AUX”.

Connecting using the AUX port/USB port

▶ Type A



▶ Type B



● iPod

Open the cover and connect an iPod using an iPod cable.

Turn on the power of the iPod if it is not turned on.

● USB memory

Open the cover and connect the USB memory device.

Turn on the power of the USB memory device if it is not turned on.

● Portable audio player

Open the cover and connect the portable audio player.

Turn on the power of the portable audio player if it is not turned on.

⚠ WARNING

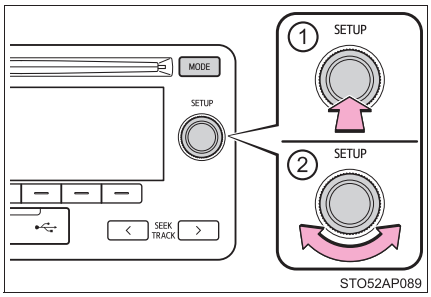
■ While driving

Do not connect a device or operate the device controls.

*: If equipped

Optimal use of the audio system*

Sound quality (treble/bass) and volume balance can be adjusted.



① Displays the “SETUP” menu/ Selecting the mode

② Changes the following settings

- Sound quality and volume balance
  →P. 325

  The sound quality and balance setting can be changed to produce the best sound.
- Automatic Sound Levelizer on/off
  →P. 325

*: If equipped

Using the audio control function

■ Changing sound quality modes

1 Press the tune/scroll knob.

2 Turn the knob to select “Sound settings”.

3 Press the knob.

4 Turn the knob as corresponds to the desired mode.

“Bass”, “Treble”, “Fader”, “Balance”, or “ASL” can be selected.

5 Press the knob.

■ Adjusting sound quality

Turning the tune/scroll knob adjusts the level.

Sound quality mode	Mode displayed	Level	Turn to the left	Turn to the right
Bass*	“Bass”	-5 to 5	Low	High
Treble*	“Treble”	-5 to 5		
Front/rear volume balance	“Fader”	R7 to F7	Shifts to rear	Shifts to front
Left/right volume balance	“Balance”	L7 to R7	Shifts to left	Shifts to right

*: The sound quality level is adjusted individually in each audio mode.

■ Adjusting the Automatic Sound Levelizer (ASL)

When ASL is selected, turn the tune/scroll knob to change the amount of ASL.

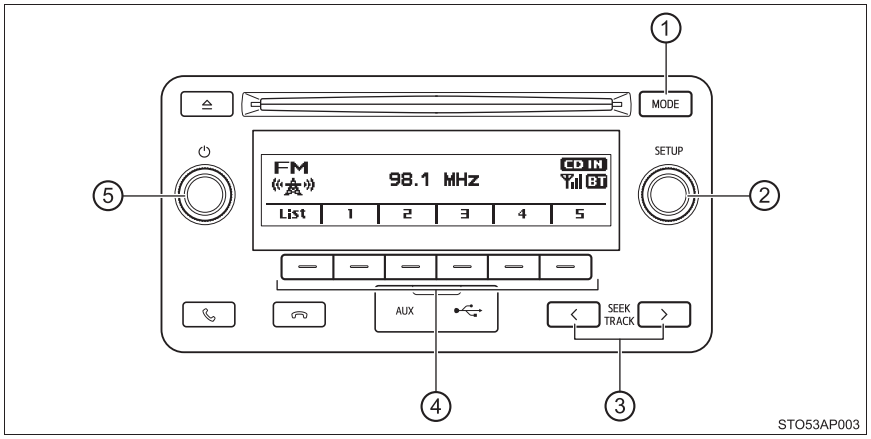
“Low”, “Mid”, “High”, or “Off” can be selected.

ASL automatically adjusts the volume and tone quality according to vehicle speed.

Press the knob or — (“Back”) to return to the sound settings menu.

Radio operation*

Press the “MODE” button until “AM” or “FM” is displayed.



① AM/FM mode button

② Tune/scroll knob
Adjusting the frequency

③ Seeking the frequency

④ Station selectors

⑤ Power/volume knob
Press: Turning the audio system on or off
Turn: Adjusting the volume

Setting station presets

1 Search for desired stations by turning the tune/scroll knob or pressing the “<” or “>” button of “SEEK TRACK”.

2 Press and hold a desired station selector button until you hear a beep.

*: If equipped

Using the station list

■ Updating the station list

1 Press [—] (“List”).

The station list will be displayed.

2 Press [—] (“Update”) to update the list.

“Updating” is displayed while the searching is in process, and then available stations will be listed on the display.

To cancel the updating process, press [—] (“Back”).

■ Selecting a station from the station list

1 Press [—] (“List”).

The station list will be displayed.

2 Turn the tune/scroll knob to select a station.

3 Press the knob to tune in the station.

To return to the previous display, press [—] (“Back”).

RDS (Radio Data System)

This feature allows your radio to receive station.

■ Listening to stations of the same network

1. Press the tune/scroll knob.
2. Turn the knob to “Radio” and press the knob.
3. Turn the knob as corresponds to the desired mode: “FM AF” or “Region code”.
4. Press the knob to select “On” or “Off”.

   FM AF ON mode:
   The station among those of the same network with strong reception is selected.

   Region code ON mode:
   The station among those of the same network with strong reception and broadcasting the same program is selected.

■ Traffic information

1. Press the tune/scroll knob.
2. Turn the knob to “Radio” and press the knob.
3. Turn the knob to “FM TA” mode.
4. Press the knob to select “On” or “Off”.

   FM TA On mode:
   The system automatically switches to traffic information when a broadcast with a traffic information signal is received.

   The station returns to the previous one when the traffic information ends.

■ **EON (Enhanced Other Network) system (for traffic announcement function)**

If the RDS station (with EON data) you are listening to is not broadcasting a traffic information program and the audio system is in the TA (traffic announcement) mode, the radio will be switched automatically to a station broadcasting a traffic information program in the EON AF list when traffic information begins.

■ **When the battery is disconnected**

Station presets are erased.

■ **Reception sensitivity**

- Maintaining perfect radio reception at all times is difficult due to the continually changing position of the antenna, differences in signal strength and surrounding objects, such as trains, transmitters, etc.
- The radio antenna is mounted on the rear roof. The antenna can be removed from the base by turning it.

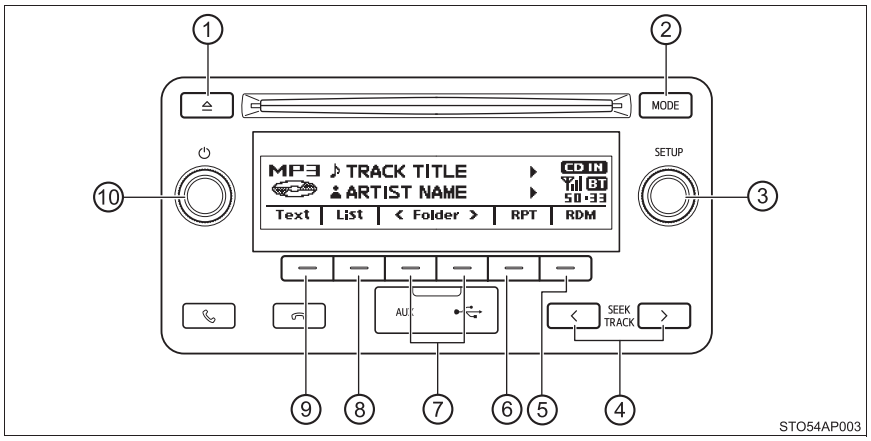
⚠ NOTICE

■ **To prevent damage, remove the antenna in the following cases**

- The antenna will touch the ceiling of a garage.
- A cover will be put on the roof.

CD player operation*

Insert a disc, press the “MODE” button to begin listening to a CD.



① Disc eject

② Changing the audio source/ playback

③ Tune/scroll knob
Selecting a track/file

④ Selecting a track/file, fast-forwarding or rewinding

⑤ Random play or back button

⑥ Repeat play

⑦ Selecting a folder (MP3/WMA discs only)

⑧ Displaying track/folder list

⑨ Displaying text message

⑩ Power/volume knob
Press: Turning the audio system on or off
Turn: Adjusting the volume

*: If equipped

Loading CDs or MP3 and WMA discs

Insert a disc.

Ejecting CDs or MP3 and WMA discs

Press the disc eject button and remove the disc.

Using the CD player

Selecting a track

Turn the tune/scroll knob or press the “<” or “>” button of “SEEK TRACK” to move up or down until the desired track number is displayed.

Selecting a track from a track list

1 Press [—] (“List”).

The track list will be displayed.

2 Turn and press the tune/scroll knob to select a track.

To return to the previous display, press [—] (“Back”).

Fast-forwarding and reversing tracks

Press and hold the “<” or “>” button of “SEEK TRACK”.

Random play

Press [—] (“RDM”).

The current track is played repeatedly until [—] (“RDM”) is pressed again.

Repeat play

Press [—] (“RPT”).

The current track is played repeatedly until [—] (“RPT”) is pressed again.

Switching the display

Press [—] (“Text”) to display or hide the album title.

If there are continuing texts, ▶ is displayed.
Press and hold the button to display the remaining texts.

Playing back MP3 and WMA discs

■ Selecting a folders one at a time

Press [—] (“<Folder”) or [—] (“Folder>”) to select the desired folder.

■ Selecting a folder and file from folder list

1 Press [—] (“List”).

The folder list will be displayed.

2 Turn and press the tune/scroll knob to select a folder and a file.

To return to the previous display, press [—] (“Back”).

To exit, press [—] (“Back”).

■ Returning to the first folder

Press and hold [—] (“<Folder”) until you hear a beep.

■ Selecting files

Turn the tune/scroll knob or press the “<” or “>” button of “SEEK TRACK” to select the desired file.

■ Fast-forwarding and rewinding files

To fast-forward or rewind, press and hold the “<” or “>” button of “SEEK TRACK”.

■ Random playback

Pressing [—] (“RDM”) changes modes in the following order:

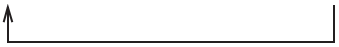
Folder random→Disc random→Off



■ Repeat play

Pressing [—] (“RPT”) changes modes in the following order:

File repeat→Folder repeat*→Off



*: Available except when RDM (random playback) is selected

Switching the display

Press [—] (“Text”) to display or hide the album title.

If there are continuing texts, ▶ is displayed.
Press and hold the button to display the remaining texts.

Display

Depending on the contents recorded, the characters may not be displayed properly or may not be displayed at all.

Error messages

If an error message is displayed, refer to the following table and take the appropriate measures. If the problem is not rectified, take the vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Message	Cause	Correction procedures
“CD check”	• The disc is dirty or damaged. • The disc is inserted upside down.	• Clean the disc. • Insert the disc correctly.
“Error”	There is a malfunction within the system.	Eject the disc.
“Wait”	Operation has stopped due to a high temperature inside the player.	Wait for a while and then press the “MODE” button. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer if the CD still cannot be played.
“No support”	MP3/WMA files are not included on the CD.	Eject the disc.

■ **Discs that can be used**

Discs with the marks shown below can be used.
Playback may not be possible depending on recording format or disc features, or due to scratches, dirt or deterioration.



CDs with copy-protect features may not play correctly.

■ **CD player protection feature**

To protect the internal components, playback is automatically stopped when a problem is detected while the CD player is being used.

■ **If a CD is left inside the CD player or in the ejected position for extended periods**

The CD may be damaged and may not play properly.

■ **Lens cleaners**

Do not use lens cleaners. Doing so may damage the CD player.

■ **MP3 and WMA files**

MP3 (MPEG Audio LAYER3) is a standard audio compression format.

Files can be compressed to approximately 1/10 of their original size by using MP3 compression.

WMA (Windows Media Audio) is a Microsoft audio compression format.

This format compresses audio data to a size smaller than that of the MP3 format.

There is a limit to the MP3 and WMA file standards and to the media/formats recorded by them that can be used.

● MP3 file compatibility

- Compatible standards
  MP3 (MPEG1 LAYER3, MPEG2 LSF LAYER3)
- Compatible sampling frequencies
  MPEG1 LAYER3: 32, 44.1, 48 (kHz)
  MPEG2 LSF LAYER3: 16, 22.05, 24 (kHz)
- Compatible bit rates (compatible with VBR)
  MPEG1 LAYER3: 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (kbps)

  MPEG2 LSF LAYER3: 8, 16, 24, 32, 40, 48, 56, 64, 80, 96, 112, 128, 144, 160 (kbps)
- Compatible channel modes: stereo, joint stereo, dual channel and monaural

● WMA file compatibility

- Compatible standards
  WMA Ver. 7, 8, 9
- Compatible sampling frequencies
  32, 44.1, 48 (kHz)
- Compatible bit rates (only compatible with 2-channel playback)
  Ver. 7, 8: CBR 48—192 (kbps)
  Ver. 9: CBR 32, 48, 64, 80, 96, 128, 160, 192, 256, 320 (kbps)

● Compatible media

Media that can be used for MP3 and WMA playback are CD-Rs and CD-RWs.

Playback in some instances may not be possible, depending on the status of the CD-R or CD-RW. Playback may not be possible or the audio may jump if the disc is scratched or marked with fingerprints.

● Compatible disc formats

The following disc formats can be used.

- Disc formats: CD-ROM Mode 1 and Mode 2
  CD-ROM XA Mode 2, Form 1 and Form 2
- File formats: ISO9660 Level 1, Level 2, (Romeo, Joliet)
  MP3 and WMA files written in any format other than those listed above may not play correctly, and their file names and folder names may not be displayed correctly.

Items related to standards and limitations are as follows.

- Maximum directory hierarchy: 8 levels
- Maximum length of folder names/file names: 32 characters
- Maximum number of folders: 192 (including the root)
- Maximum number of files per disc: 255

● File names

The only files that can be recognized as MP3/WMA and played are those with the extension .mp3 or .wma.

● Multi-sessions

As the audio system is compatible with multi-sessions, it is possible to play discs that contain MP3 and WMA files. However, only the first session can be played.

● ID3 and WMA tags

ID3 tags can be added to MP3 files, making it possible to record the track title, artist name, etc.

The system is compatible with ID3 Ver. 1.0, 1.1, and Ver. 2.2, 2.3 ID3 tags. (The number of characters is based on ID3 Ver. 1.0 and 1.1.)

WMA tags can be added to WMA files, making it possible to record the track title and artist name in the same way as with ID3 tags.

● MP3 and WMA playback

When a disc containing MP3 or WMA files is inserted, all files on the disc are first checked. Once the file check is finished, the first MP3 or WMA file is played. To make the file check finish more quickly, we recommend you do not write in any files other than MP3 or WMA files or create any unnecessary folders.

If the discs contain a mixture of music data and MP3 or WMA format data, only music data can be played.

● Extensions

If the file extensions .mp3 and .wma are used for files other than MP3 and WMA files, they will be mistakenly recognized and played as MP3 and WMA files. This may result in large amounts of interference and damage to the speakers.

● Playback

- To play MP3 file with steady sound quality, we recommend a fixed bit rate of 128 kbps and a sampling frequency of 44.1 kHz.
- CD-R or CD-RW playback may not be possible in some instances, depending on the characteristics of the disc.
- There is a wide variety of freeware and other encoding software for MP3 and WMA files on the market, and depending on the status of the encoding and the file format, poor sound quality or noise at the start of playback may result. In some cases, playback may not be possible at all.
- When files other than MP3 or WMA files are recorded on a disc, it may take more time to recognize the disc and in some cases, playback may not be possible at all.
- Microsoft, Windows, and Windows Media are the registered trademarks of Microsoft Corporation in the U.S. and other countries.

WARNING

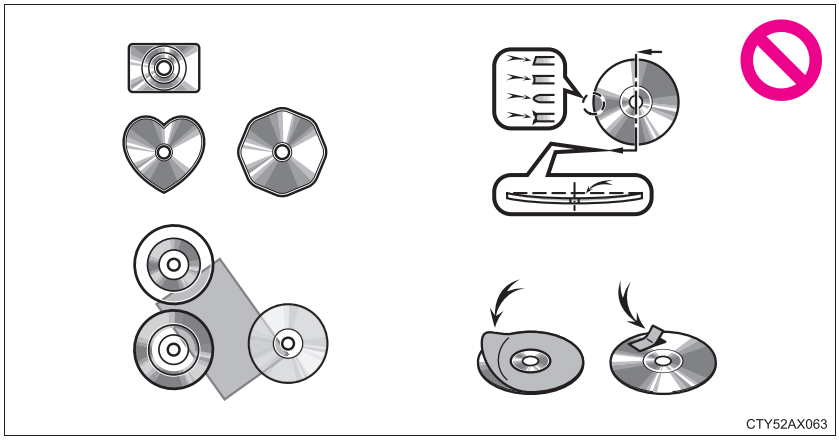
Certification for the CD player

CAUTION:
THIS PRODUCT IS A CLASS 1 LASER PRODUCT. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR BY YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

NOTICE

Discs and adapters that cannot be used

Do not use the following types of discs.
Also, do not use 8 cm (3 in.) disc adapters, Dual Discs or printable discs.
Doing so may damage the player and/or the disc insert/eject function.



- Discs that have a diameter that is not 12 cm (4.7 in.).
- Low-quality or deformed discs.
- Discs with a transparent or translucent recording area.
- Discs that have tape, stickers or CD-R labels attached to them, or that have had the label peeled off.

Player precautions

Failure to follow the precautions below may result in serious damage to the discs or the player itself.

- Do not insert anything other than discs into the disc slot.
- Do not apply oil to the player.
- Store discs away from direct sunlight.
- Never try to disassemble any part of the player.

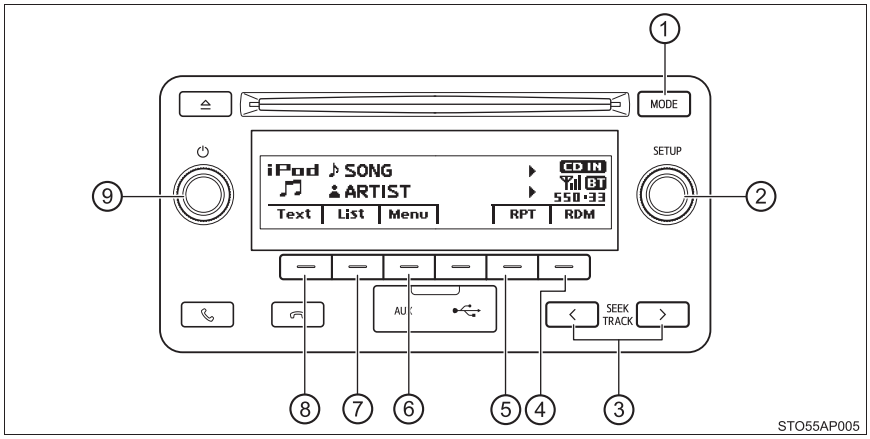
Listening to an iPod*

Connecting an iPod enables you to enjoy music from the vehicle speakers. Press the “MODE” button until “iPod” is displayed.

Connecting an iPod

→P. 323

Control panel



① Changing the audio source/ playback

② Tune/scroll knob
Selecting an iPod menu/song

③ Selecting a song, fast-forwarding or rewinding

④ Random play or back button

⑤ Repeat play

⑥ iPod menu mode, playback

⑦ Displaying song list

⑧ Displaying text message

⑨ Power/volume knob
Press: Turning the audio system on or off
Turn: Adjusting the volume

*: If equipped

Selecting a play mode

1 Press [—] (“Menu”) to select iPod menu mode.

2 Turning the tune/scroll knob clockwise changes the play mode in the following order:

“Playlists”→“Artists”→“Albums”→“Songs”→“Podcasts”→“Genres”→“Composers”→“Audiobooks”

3 Press the knob to select the desired play mode.

Play mode list

Play mode	First selection	Second selection	Third selection	Fourth selection
“Playlists”	Playlists select	Songs select	-	-
“Artists”	Artists select	Albums select	Songs select	-
“Albums”	Albums select	Songs select	-	-
“Songs”	Songs select	-	-	-
“Podcasts”	Podcasts select	Episodes select	-	-
“Genres”	Genre select	Artists select	Albums select	Songs select
“Composers”	Composers select	Albums select	Songs select	-
“Audiobooks”	Chapter select	-	-	-

■ **Selecting a list**

1 Turn the tune/scroll knob to display the first selection list.

2 Press the knob to select the desired item and display the second selection list.

3 Repeat the same procedure to select the desired item.

To return to the previous selection list, press [—] (“Back”).
Press [—] (“Play”) to play the desired selection.

Selecting songs

Turn the tune/scroll knob or press the “<” or “>” button of “SEEK TRACK” to select the desired song.

Selecting a song from the song list

1 Press the [—] (“List”).

The song list will be displayed.

2 Turn the tune/scroll knob to select a song.

3 Press the knob to play the song.

To return to the previous display, press [—] (“Back”).

Fast-forwarding and rewinding songs

Press and hold the “<” or “>” button of “SEEK TRACK”.

Repeat play

Press [—] (“RPT”).

To cancel, press the button again.

Shuffle playback

Pressing [—] (“RDM”) changes modes in the following order:

Track shuffle→Album shuffle→Off.



Switching the display

Press [—] (“Text”) display or hide the album title.

If there are continuing texts, ▶ is displayed.
Press and hold the button to display the remaining texts.

Adjusting sound quality and volume balance

1. Press the tune/scroll knob to enter iPod menu mode.
2. Turning the knob changes sound modes. (→P. 324)

About iPod

Made for iPod iPhone

- “Made for iPod” and “Made for iPhone” mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

■ **iPod functions**

- When an iPod is connected and the audio source is changed to iPod mode, the iPod will resume play from the same point in which it was last used.
- Depending on the iPod that is connected to the system, certain functions may not be available. If a function is unavailable due to a malfunction (as opposed to a system specification), disconnecting the device and reconnecting it once again may resolve the problem.
- While connected to the system, the iPod cannot be operated with its own controls. It is necessary to use the controls of the vehicle's audio system instead.
- When the battery level of an iPod is very low, the iPod may not operate. If so, charge the iPod before use.
- Supported models (→P. 345)

■ **iPod problems**

To resolve most problems encountered when using your iPod, disconnect your iPod from the vehicle iPod connection and reset it.
For instructions on how to reset your iPod, refer to your iPod Owner's Manual.

■ **Display**

→P. 333

■ **Error messages**

If an error message is displayed, refer to the following table and take the appropriate measures. If the problem is not rectified, take the vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Message	Cause/Correction procedures
“iPod error”	This indicates that the data in the iPod cannot be read.
“Error 3”	This indicates that the iPod may be malfunctioning.
“Error 4”	This indicates that an over current error has occurred.
“Error 5”	This indicates that an iPod communication error has occurred.
“Error 6”	This indicates that an authentication error has occurred.
“No songs”	This indicates that there is no music data in the iPod.
“No playlists”	This indicates that some available songs are not found in a selected playlist.
“Update your iPod”	This indicates that the version of the iPod is not compatible. Upgrade your iPod software to the latest version.

■ **Compatible models**

The following iPod®, iPod nano®, iPod classic®, iPod touch® and iPhone® devices can be used with this system.

● Made for

- iPod (5th generation)
- iPod touch (5th generation)
- iPod touch (4th generation)
- iPod touch (Late 2009)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod classic (Late 2009)
- iPod classic (2nd generation)
- iPod classic
- iPod nano (7th generation)
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod nano (1st generation)
- iPhone 5s
- iPhone 5c
- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

Depending on differences between models or software versions, etc., some models might be incompatible with this system.

Items related to standards and limitations are as follows:

● Maximum number of lists in device: 9999

● Maximum number of songs in device: 65535

● Maximum number of songs per list: 65535

WARNING

■ **Caution while driving**

Do not connect iPod or operate the controls.
Doing so may cause an accident, resulting in death or serious injury.

NOTICE

■ **To prevent damage to iPod or its terminal**

- Do not leave iPod in the vehicle. The temperature inside the vehicle may become high.
- Do not push down on or apply unnecessary pressure to the iPod while it is connected.
- Do not insert foreign objects into the port.

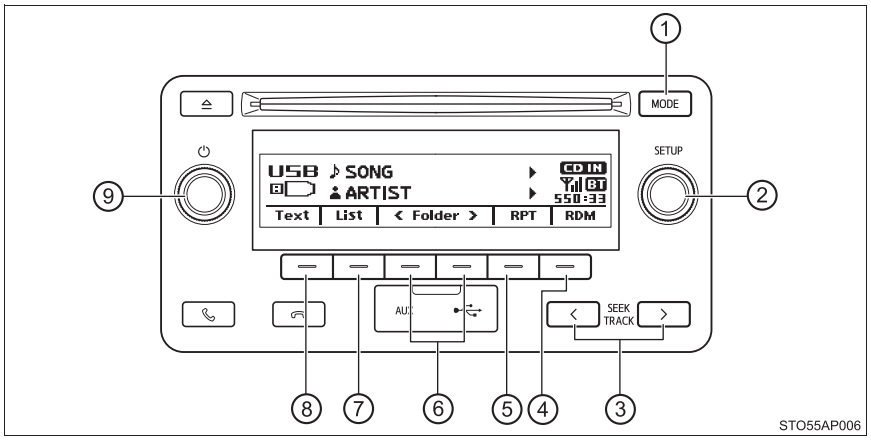
Listening to a USB memory device*

Connecting a USB memory enables you to enjoy music from the vehicle speakers. Press the “MODE” button until “USB” is displayed.

Connecting a USB memory

→P. 323

Control panel



① Changing the audio source/ playback
② Tune/scroll knob
Selecting a file
③ Selecting a file, fast-forwarding or rewinding
④ Random play or back button
⑤ Repeat play
⑥ Selecting a folder
⑦ Displaying folder list
⑧ Displaying text message
⑨ Power/volume knob
Press: Turning the audio system on or off
Turn: Adjusting the volume

*: If equipped

Selecting a folder

■ Selecting a folders one at a time

Press [—] (“<Folder”) or [—] (“Folder>”) to select the desired folder.

■ Selecting a folder and file from folder list

1 Press the [—] (“List”).

The folder list will be displayed.

2 Turn and press the tune/scroll knob to select a folder and file.

To return to the previous display, press the [—] (“Back”).

■ Returning to the first folder

Press and hold [—] (“<Folder”) until you hear a beep.

Selecting files

Turn the tune/scroll knob or press the “<” or “>” button of “SEEK TREACK” to select the desired file.

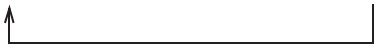
Fast-forwarding and rewinding files

To fast-forward or rewind, press and hold the “<” or “>” button of “SEEK TREACK”.

Random play

Pressing [—] (“RDM”) changes modes in the following order:

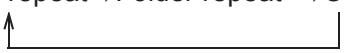
Folder random→Disc random→Off



Repeat play

Pressing [—] (“RPT”) changes modes in the following order:

File repeat→Folder repeat*→Off.



*: Available except when RDM (random playback) is selected

Switching the display

Press [—] (“Text”) display or hide the album title.

If there are continuing texts, ▶ is displayed.
Press and hold the button to display the remaining texts.

■ USB memory functions

- Depending on the USB memory that is connected to the system, the device itself may not be operable and certain functions may not be available.
  If the device is inoperable or a function is unavailable due to a malfunction (as opposed to a system specification), disconnecting the device and reconnecting it once again may resolve the problem.
- If the USB memory still does not begin operation after being disconnected and reconnected, format the memory.

■ Display

→P. 333

■ Error messages

If an error message is displayed, refer to the following table and take the appropriate measures. If the problem is not rectified, take the vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Message	Cause/Correction procedures
“USB error”	This indicates that the data in the USB memory cannot be read.
“Error 3”	This indicates that the USB memory may be malfunctioning.
“Error 4”	This indicates that an over current error has occurred.
“Error 5”	This indicates that the USB memory communication error has occurred.
“No music”	This indicates that no MP3/WMA files are included on the USB memory device.

■ **USB memory**

● Compatible devices

USB memory that can be used for MP3 and WMA playback

● Compatible device formats

The following device formats can be used:

- USB communication formats: USB2.0 FS (12 Mbps)
- File formats: FAT12/16/32 (Windows)
- Correspondence class: Mass storage class

MP3 and WMA files written in any format other than those listed above may not play correctly, and their file names and folder names may not be displayed correctly.

Items related to standards and limitations are as follows:

- Maximum directory hierarchy: 8 levels
- Maximum number of folders in a device: 999 (including the root)
- Maximum number of files in a device: 9999
- Maximum number of files per folder: 255

● MP3 and WMA files

MP3 (MPEG Audio LAYER 3) is a standard audio compression format.

Files can be compressed to approximately 1/10 of their original size by using MP3 compression.

WMA (Windows Media Audio) is a Microsoft audio compression format.

This format compresses audio data to a size smaller than that of the MP3 format.

There is a limit to the MP3 and WMA file standards and to the media/formats recorded by them that can be used.

● MP3 file compatibility

- Compatible standards
  MP3 (MPEG1 AUDIO LAYERII, III, MPEG2 AUDIO LAYERII, III, MPEG2.5)
- Compatible sampling frequencies
  MPEG1 AUDIO LAYERII, III: 32, 44.1, 48 (kHz)
  MPEG2 AUDIO LAYERII, III: 16, 22.05, 24 (kHz)
- Compatible bit rates (compatible with VBR)
  MPEG1 AUDIO LAYERII, III: 32-320 (kbps)
  MPEG2 AUDIO LAYERII, III: 8-160 (kbps)
- Compatible channel modes: stereo, joint stereo, dual channel and monaural

● WMA file compatibility

- Compatible standards
  WMA Ver. 7, 8, 9
- Compatible sampling frequencies
  32, 44.1, 48 (kHz)
- Compatible bit rates (only compatible with 2-channel playback)
  Ver. 7, 8: CBR 48, 64, 80, 96, 128, 160, 192 (kbps)
  Ver. 9: CBR 32, 48, 64, 80, 96, 128, 160, 192, 256, 320 (kbps)

● File names

The only files that can be recognized as MP3/WMA and played are those with the extension .mp3 or .wma.

● ID3 and WMA tags

ID3 tags can be added to MP3 files, making it possible to record the track title, artist name, etc.
The system is compatible with ID3 Ver. 1.0, 1.1, and Ver. 2.2, 2.3, 2.4 ID3 tags. (The number of characters is based on ID3 Ver. 1.0 and 1.1.)
WMA tags can be added to WMA files, making it possible to record the track title and artist name in the same way as with ID3 tags.

● MP3 and WMA playback

- When a device containing MP3 or WMA files is connected, all files in the USB memory are checked. Once the file check is finished, the first MP3 or WMA file is played. To make the file check finish more quickly, we recommend that you do not include any files other than MP3 or WMA files or create any unnecessary folders.
- When the USB memory is connected and the audio source is changed to USB memory mode, the USB memory will start playing the first file in the first folder.
  If the same device is removed and reinserted (and the contents have not been changed), the USB memory will resume play from the same point in which it was last used.

● Extensions

If the file extensions .mp3 and .wma are used for files other than MP3 and WMA files, they will be skipped (not played).

● Playback

- To play MP3 files with steady sound quality, we recommend a fixed bit rate of at least 128 kbps and a sampling frequency of 44.1 kHz.
- There is a wide variety of freeware and other encoding software for MP3 and WMA files on the market, and depending on the status of the encoding and the file format, poor sound quality or noise at the start of playback may result.
  In some cases, playback may not be possible at all.
- Microsoft, Windows, and Windows Media are registered trademarks of Microsoft Corporation in the U.S.A. and other countries.

WARNING

■ Caution while driving

Do not connect USB memory or operate the controls.
Doing so may cause an accident, resulting in death or serious injury.

NOTICE

■ To prevent damage to USB memory or its terminal

● Do not leave USB memory in the vehicle. The temperature inside the vehicle may become high.

● Do not push down on or apply unnecessary pressure to the USB memory while it is connected.

● Do not insert foreign objects into the port.

Using the AUX port*

This port can be used to connect a portable audio device and listen to it using the vehicle's speakers. Press the "MODE" button until "AUX" is displayed.

Connecting a portable player

→P. 323

■ Operating portable audio devices connected to the audio system

The volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.

■ When using a portable audio device connected to the power outlet

Noise may occur during playback. Use the power source of the portable audio device.

*: If equipped

Bluetooth® audio/phone*

The following can be performed using Bluetooth® wireless communication:

◆ Bluetooth® audio

The Bluetooth® audio system enables you to enjoy music played on a portable digital audio player (portable player) from the vehicle speakers via wireless communication.

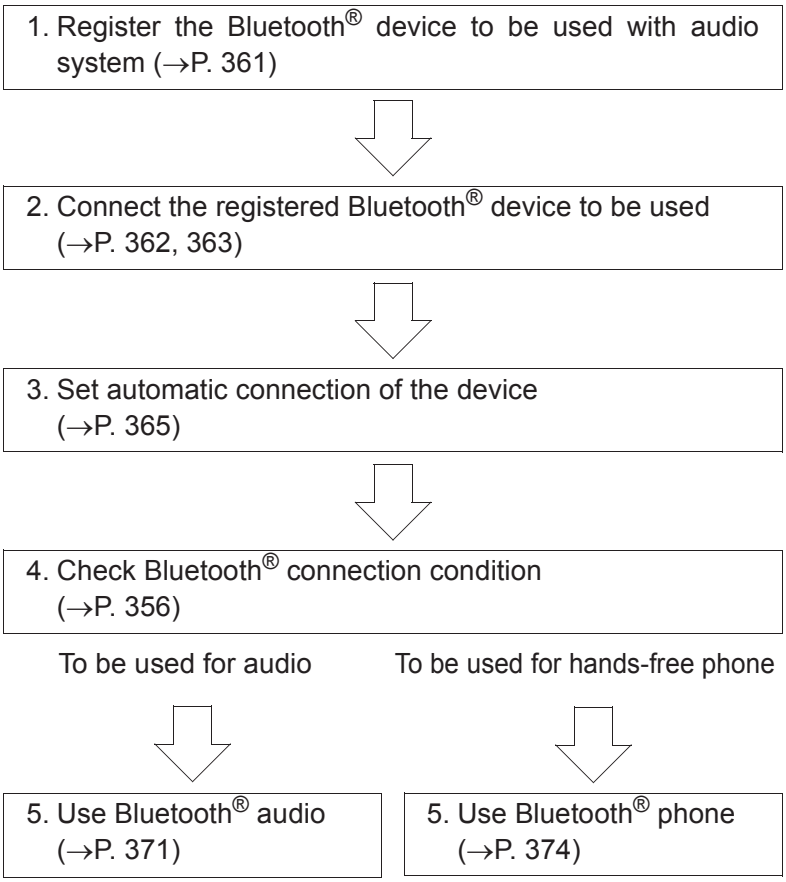
This audio system supports Bluetooth®, a wireless data system capable of playing portable audio music without cables. If your portable player does not support Bluetooth®, the Bluetooth® audio system will not function.

◆ Bluetooth® phone (hands-free phone system)

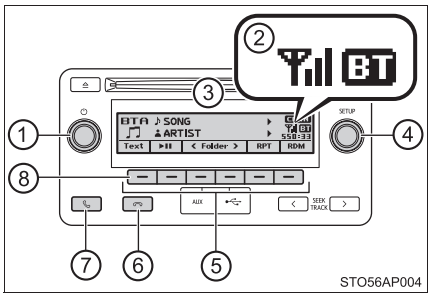
This system supports Bluetooth®, which allows you to make or receive calls without using cables to connect a cellular phone and the system, and without operating the cellular phone.

*: If equipped

Device registration/connection flow



Audio unit



① Power/volume knob
Press: Turning the audio system on or off
Turn: Adjusting the volume

② Bluetooth® connection condition

If “BT” is not displayed, the Bluetooth® audio/phone cannot be used.

③ Display
A message, name, number, etc., is displayed.

Lower-case characters and special characters may not be displayed.

④ Tune/scroll knob
Displays set up menu or selects items such as menu and number

Turn: Selects an item
Press: Displays set up menu or inputs the selected item

⑤ Selects speed dials (Bluetooth® phone operation)

⑥ On-hook switch

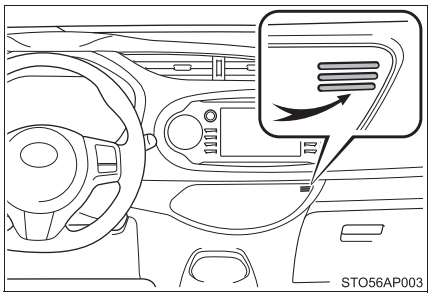
Turns the hands-free system off/ends a call/refuses a call

⑦ Off-hook switch

Turns the hands-free system on/starts a call

⑧ Press and hold: Displays information that is too long to be displayed at one time on the display (Bluetooth® audio operation)

Microphone



Menu list of the Bluetooth® audio/phone

To enter a menu, press the tune/scroll knob and navigate menus by using the knob.

First menu	Second menu	Third menu	Operation details
“Bluetooth*”	“Pairing”	-	Registering a Bluetooth® device
	“List phone”	-	Listing the registered cellular phones
	“List audio”	-	Listing the registered portable players
	“Passkey”	-	Changing the passkey
	“BT power”	-	Setting automatic connection of the device on or off
	“Bluetooth* info”	“Device name” “Device address”	Displaying the device status
	“Display setting”	-	Setting the automatic connection confirmation display to on or off
	“Reset”	-	Initializing the settings

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

First menu	Second menu	Third menu	Operation details
“Phone”	“Phonebook”	“Add contacts”	Adding a new number
		“Add SD”	Registering a speed dial
		“Delete call history”	Deleting a number stored in the call history
		“Delete contacts”	Deleting a number stored in the phonebook
		“Delete other PB”	Deleting a phonebook’s data
	“Auto transfer On or Off”	-	Transferring the phone book
	“HF sound setting”	“Call volume”	Setting call volume
		“Ring tone volume”	Setting ring tone volume
		“Ring tone”	Setting the ring tone
	“Transfer history”	-	Transferring the call histories

■ **Bluetooth® audio/phone system functions**

Depending on the Bluetooth® device, certain functions may not be available.

Using the steering wheel switches*

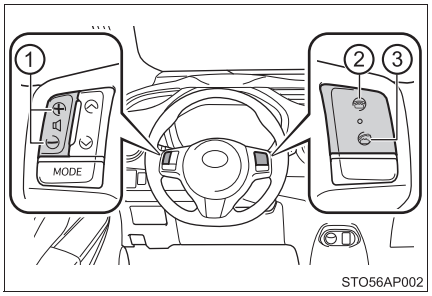
The steering wheel switches can be used to operate a connected cellular phone, or portable digital audio player (portable player).

Operating Bluetooth® phone using the steering wheel switches

① Volume

② On-hook switch
Turns the hands-free system off/ends a call/refuse a call

③ Off-hook switch
Turns the hands-free system on/start a call



*: If equipped

Registering a Bluetooth® device*

Before using the Bluetooth® audio/phone, it is necessary to register a Bluetooth® device in the system. You can register up to 5 Bluetooth® devices.

How to register a Bluetooth® device

1 Press the tune/scroll knob and select “Bluetooth*” using the knob.

2 Press the knob and select “Pairing” using the knob.
A passkey will be displayed.

3 SSP (Secure Simple Pairing) incompatible Bluetooth® devices: Input the passkey into the device.
SSP (Secure Simple Pairing) compatible Bluetooth® devices: Select “Yes” to register the device. Depending on the type of device, it may register automatically.

If a Bluetooth® device has both music player and cellular phone functions, both functions will be registered at the same time. When deleting the device, both functions will be deleted at the same time.

If the off-hook switch is pressed and the “Phone” mode is entered when no phones have been registered, the registration screen will be automatically displayed.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

*: If equipped

Using the “SETUP” menu (“Bluetooth*” menu)*

Registering a Bluetooth® device in the system allows the system to function. The following functions can be used for registered devices:

Registering a portable player

Select “Pairing” using the tune/scroll knob (→P. 358), and perform the procedure for registering a portable player. (→P. 361)

Listing the registered cellular phones

Select “List phone” using the tune/scroll knob. (→P. 358) The list of registered cellular phones will be displayed.

● Connecting the registered cellular phone to the audio system

1 Select the name of the cellular phone to be connected using the tune/scroll knob.

2 Select “Select” using the knob.

● Deleting a registered cellular phone

1 Select the name of the cellular phone to be deleted using the tune/scroll knob.

2 Select “Delete” using the knob.

3 Press [—] (“Yes”).

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

*: If equipped

● Disconnecting the registered cellular phone from the audio system

1 Select the name of the cellular phone to be disconnected using the tune/scroll knob.

2 Select “Disconnect” using the knob.

3 Press — (“Yes”).

Listing the registered portable players

Select “List audio” using the tune/scroll knob. (→P. 358) The list of registered portable players will be displayed.

● Connecting the registered portable player to the audio system

1 Select the name of the portable player to be connected using the tune/scroll knob.

2 Select “Select” using the knob.

● Deleting the registered portable player

1 Select the name of the portable player to be deleted using the tune/scroll knob.

2 Select “Delete” using the knob.

3 Press — (“Yes”).

● Disconnecting the registered portable player from the audio system

1 Select the name of the portable player to be disconnected using the tune/scroll knob.

2 Select “Disconnect” using the knob.

3 Press [—] (“Yes”).

● Selecting the connection method

1 Select the name of the desired portable player using the tune/scroll knob.

2 Select “Connection method” using the knob.

3 Select “From vehicle” or “From audio” using the knob.

Changing the passkey

1 Select “Passkey” using the tune/scroll knob. (→P. 358)

2 Select a 4 to 8-digit passkey using the knob.

Input the number 1 digit at a time.

3 When the entire number to be registered as a passkey has been input, press the knob again, or press [—] (“Enter”).

If the passkey to be registered has 8 digits, pressing the knob again, or pressing [—] (“Enter”) is not necessary.

Setting automatic connection of the device on or off

If “BT power” is set to on, the registered device will be connected automatically when the power switch is turned to the “ACC” position (vehicles without a smart entry & start system) or ACCESSORY mode (vehicles with a smart entry & start system).

1 Select “BT power” using the tune/scroll knob. (→P. 358)

2 Select “On” or “Off” using the knob.

Displaying the device status

Select “Bluetooth* info” using the tune/scroll knob. (→P. 358)

- Displaying the device name

  Select “Device name” using the tune/scroll knob.
- Displaying the device address

  Select “Device address” using the tune/scroll knob.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

Setting the automatic connection confirmation display to on or off

If the “Display setting” is set to on, the Bluetooth phone/portable player connection status will be displayed when the power switch is turned to the “ACC” or “ON” position (vehicles without a smart entry & start system), or ACCESSORY or ON mode (vehicles with a smart entry & start system).

1 Select “Display setting” using the tune/scroll knob. (→P. 358)

2 Select “On” or “Off” using the knob.

Initialization

Select “Reset” using the tune/scroll knob. (→P. 358)

● Initializing the sound settings

Select “Sound settings” using the tune/scroll knob and press [—] (“Yes”).

For details about sound settings: →P. 324

● Initializing the device information

Select “Car Device Info” using the tune/scroll knob and press [—] (“Yes”).

Automatic connection of a portable device, automatic connection confirmation display and the passkey will be initialized.

● Initializing the all settings

Select “Reset all” using the tune/scroll knob and press [—] (“Yes”).

Using the “SETUP” menu (“Phone” menu)*

Adding a new phone number

Select “Add contacts” using the tune/scroll knob. (→P. 358)

- Transferring all contacts from the cellular phone

  Select “Overwrite all” using the knob and press — (“Yes”).
- Transferring one contact from the cellular phone

  Select “Add contact” using the knob and press — (“Yes”).

Setting speed dials

1. Select “Add SD” using the tune/scroll knob. (→P. 358)
2. Select the desired data using the knob.
3. Press the desired preset button (from — [1] to — [5]).

For details about setting speed dials from the call history: →P. 375

For details about deleting speed dials: →P. 374

*: If equipped

Deleting call histories

Select “Delete call history” using the tune/scroll knob. (→P. 358)

● Deleting outgoing call history

1 Select “Outgoing Calls” using the tune/scroll knob.

2 Select the desired phone number using the knob and press [—] (“Yes”).

To delete all outgoing call history data, press [—] (“All”) and then press [—] (“Yes”).

● Deleting incoming call history

1 Select “Incoming Calls” using the tune/scroll knob.

2 Select the desired phone number using the knob and press [—] (“Yes”).

To delete all incoming call history data, press [—] (“All”) and then press [—] (“Yes”).

● Deleting missed call history

1 Select “Missed Calls” using the tune/scroll knob.

2 Select the desired phone number using the knob and press [—] (“Yes”).

To delete all missed call history data, press [—] (“All”) and then press [—] (“Yes”).

● Deleting a number from all call histories (Outgoing calls, Incoming calls and Missed calls)

1 Select “All Calls” using the tune/scroll knob.

2 Select the desired phone number using the knob and press [—] (“Yes”).

To delete all of the call histories data, press [—] (“All”) and then press [—] (“Yes”).

Deleting a registered phone number

1 Select “Delete contacts” using the tune/scroll knob. (→P. 358)

2 Select the desired phone number using the knob and press — (“Yes”).

To delete all the registered phone numbers, select “All delete” using the knob and press — (“Yes”).

Press — (“A-Z”) to display the registered names in alphabetical order of the initial.

Deleting another cellular phone’s phonebook

1 Select “Delete other PB” using the tune/scroll knob. (→P. 358)

2 Select the desired phonebook using the knob and press — (“Yes”).

Setting call volume

1 Select “Call volume” using the tune/scroll knob. (→P. 358)

2 Change the call volume.

To decrease the volume: Turn the knob counterclockwise.

To increase the volume: Turn the knob clockwise.

To set the volume, press — (“Back”).

Setting ring tone volume

1 Select “Ring tone volume” using the tune/scroll knob. (→P. 358)

2 Change the ring tone volume.

To decrease the volume: Turn the knob counterclockwise.

To increase the volume: Turn the knob clockwise.

To set the volume, press [—] (“Back”).

Setting ring tone

1 Select “Ring tone” using the tune/scroll knob. (→P. 358)

2 Using the knob, select a ring tone [1 - 3]. To set the selected ring tone, press [—] (“Back”).

Transferring call histories

Select “Transfer history” using the tune/scroll knob (→P. 358) and press [—] (“Yes”).

■ Phone number

Up to 1000 names can be stored.

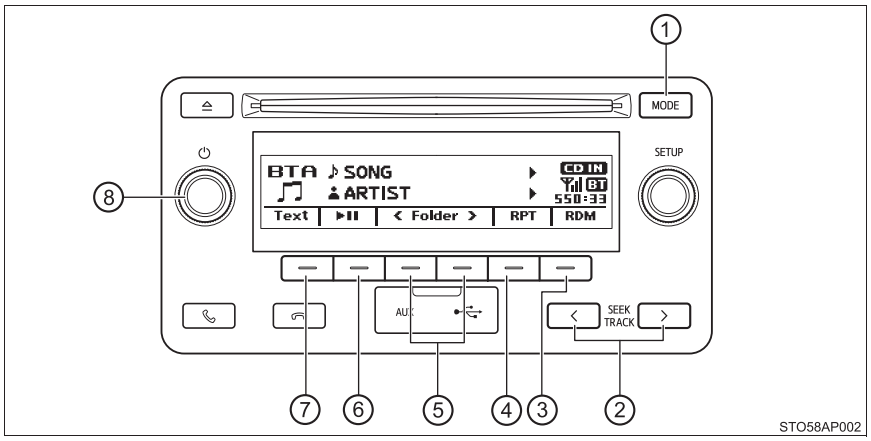
■ Call history

Up to 10 numbers can be stored in each of the outgoing, incoming and missed call history memories.

■ Limitation of number of digits

A phone number that exceeds 24 digits cannot be registered.

Operating a Bluetooth® enabled portable player*



① Changing the audio source/ playback
② Selecting a track, fast-forwarding or rewinding
③ Random play or back button
④ Repeat play
⑤ Selecting an album
⑥ Playback/pause
⑦ Displaying text message
⑧ Power/volume knob
Press: Turning the audio system on or off
Turn: Adjusting the volume

*: If equipped

Selecting an album

Press [—] (“<Folder”) or [—] (“Folder>”) to select the desired album.

Selecting a tracks

Press the “<” or “>” button of “SEEK TRACK” to select the desired track.

Fast-forwarding and rewinding tracks

Press and hold the “<” or “>” button of “SEEK TRACK”.

Random play

Pressing [—] (“RDM”) changes modes in the following order:
Album random→All track random→Off.

Repeat play

Pressing [—] (“RPT”) changes modes in the following order:
Track repeat→Album repeat→Off.

Playing and pausing tracks

Press [—] (▶II).

Switching the display

Press [—] (“Text”) to display or hide the album title.

If there are continuing texts, ▸ is displayed.

Press and hold the button to display the remaining texts.

■ **Bluetooth® audio system functions**

Depending on the portable player that is connected to the system, certain functions may not be available.

■ **Display**

→P. 333

Making a phone call*

To enter the “Phone” or “TEL” mode, press the off-hook switch.

Dialing by selecting a name

1 Select “Phonebook” using the tune/scroll knob.

2 Select the desired name using the knob and press the off-hook switch.

By pressing — (“Add S. Dial”) and one of the speed dial buttons (from — [1] to — [5]) while the desired name is selected, it can be registered as a speed dial.

Press — (“A-Z”) to display the registered names in alphabetical order of the initial.

Speed dialing

1 Select “Speed Dials” using the tune/scroll knob.

2 Press the desired preset button (from — [1] to — [5]) and press the off-hook switch.

To delete a registered speed dial, after selecting the desired preset button (from — [1] to — [5]) press — (“Delete”) and then press — (“Yes”).

Dialing by entering the number

1 Select “Speed Dials” or “Dial by number” using the tune/scroll knob.

2 Enter the phone number and press the off-hook switch.

*: If equipped

Dialing from call histories

1 Select “All calls”, “Missed calls”, “Incoming calls” or “Outgoing calls” using the tune/scroll knob.

2 Select a desired number using the knob and press the off-hook switch.

The following operations can be performed:

- Registering a number as a speed dial

  Press [—] (“Add S. Dial”) and then press the desired preset button (from [—] [1] to [—] [5]).

- Deleting the selected number

  Press [—] (“Delete”) and press [—] (“Yes”).

Receiving a phone call*

Answering the phone

Press the off-hook switch.

Refusing the call

Press the on-hook switch.

Receiving a call when on another call

Press the off-hook switch.

Pressing the off-hook switch again returns you to the previous call.

Adjusting the ring tone volume when receiving a call

To decrease the volume: Turn the power/volume knob counterclockwise.

To increase the volume: Turn the power/volume knob clockwise.

*: If equipped

Speaking on the phone*

Transferring a call

A call can be transferred between the cellular phone and system while dialing, receiving a call, or during a call. Use one of the following methods:

a. Operate the cellular phone.

Refer to the manual that comes with the cellular phone for the operation of the phone.

b. Press the [—] * (“Phone”).

*: This operation can be performed only when transferring a call from the cellular phone to the system during a call.

Muting your voice

Press [—] (“Mute”).

Inputting digits

Press [—] [0-9] and using the tune/scroll knob input the desired digits.

Setting call volume

To decrease the volume: Turn the power/volume knob counterclockwise.

To increase the volume: Turn the power/volume knob clockwise.

*: If equipped

■ **When talking on the phone**

- Do not talk simultaneously with the other party.
- Keep the volume of the received voice down. Otherwise, voice echo will increase.

■ **Automatic volume adjustment**

When vehicle speed is 80 km/h (50 mph) or more, the volume automatically increases. The volume returns to the previous volume setting when vehicle speed drops to 70 km/h (43 mph) or less.

■ **Phone call system functions**

Depending on the cellular phone, certain functions may not be available.

■ **Situations where the other party may not recognize your voice**

- When driving on a rough road
- When driving at high speeds
- When air is blowing out of the vents onto the microphone
- When the air conditioning fan emits a loud noise

Bluetooth®*

■ **When using the Bluetooth® audio/phone**

- In the following situations, the system may not function.
  - The portable player does not support Bluetooth®
  - The cellular phone is located outside the service area
  - The Bluetooth® device is switched off
  - The Bluetooth® device has a low battery
  - The Bluetooth® device is not connected to the system
  - The Bluetooth® device is behind the seat or in the glove box or console box, or metal material covers or touches the device
- There may be a delay if a cellular phone connection is made during Bluetooth® audio play.
- Depending on the type of portable audio player that is connected to the system, operation may differ slightly and certain functions may not be available.

■ **When transferring ownership of the vehicle**

Be sure to initialize the system to prevent personal data from being improperly accessed. (→P. 366)

*: If equipped

■ **About Bluetooth®**

Bluetooth is a registered trademark of Bluetooth SIG, Inc.



■ **Compatible models**

● Bluetooth® specifications:
Ver. 1.1, or higher (Recommended: Ver. 2.1 + EDR or higher)

● Following Profiles:

- A2DP (Advanced Audio Distribution Profile) Ver. 1.0 or higher (recommended: Ver. 1.2 or higher)
- AVRCP (Audio/Video Remote Control Profile) Ver. 1.0 or higher (recommended: Ver. 1.3 or higher)

Portable players must correspond to the above specifications in order to be connected to the Bluetooth® audio/phone. However, please note that some functions may be limited depending on the type of portable player.

● Cellular phone

- HFP (Hands Free Profile) Ver. 1.0 or higher (Recommended: Ver. 1.5)
- OPP (Object Push Profile) Ver. 1.1
- PBAP (Phone Book Access Profile) Ver. 1.0

■ **Certification**

CE

Access to http://www.ptc.panasonic.eu/, enter the below Model No. into the keyword search box, you can download the latest "DECLARATION of CONFORMITY" (DoC).

Model No.AT1601

Hereby, Panasonic, declares that this AT1601 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
С настоящето, Panasonic, декларира, че AT1601 е в съответствие със същес твените изисквания и другите приложими разпоредби на Директива 1999/5/ EC.
Panasonic tímto prohlašuje, že tento AT1601 je ve shodě se základními pož adavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Undertegnede Panasonic erklærer herved, at følgende udstyr AT1601 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hierbij verklaart Panasonic dat het toestel AT1601 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Käesolevaga kinnitab Panasonic seadme AT1601 vastavust direktiivi 1999/5/EÜ p õhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Panasonic vakuuttaa täten että AT1601 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Par la présente Panasonic déclare que l'appareil AT1601 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Hiermit erklärt Panasonic, dass sich das Gerät AT1601 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Panasonic ΔΗΛΩΝΕΙ ΟΤΙ AT1601 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟ Σ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔ ΗΓΙΑΣ 1999/5/ΕΚ.
Alulírott, Panasonic nyilatkozom, hogy a AT1601 megfelel a vonatkozó alapvetõ k övetelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Con la presente Panasonic dichiara che questo AT1601 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Ar šo Panasonic deklarē, ka AT1601 atbilst Direktīvas 1999/5/EK būtiskajām pras ībām un citiem ar to saistītajiem noteikumiem.
Šiuo Panasonic deklaruoja, kad šis AT1601 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Hawnhekk, Panasonic, jiddikjara li dan AT1601 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Niniejszym Panasonic oświadcza, że AT1601 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Panasonic declara que este AT1601 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Prin prezenta, Panasonic, declară că aparatul AT1601 este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Panasonic týmto vyhlasuje, že AT1601 spĺňa základné požiadavky a všetky príslu šné ustanovenia Smernice 1999/5/ES.
Panasonic izjavlja, da je ta AT1601 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Por medio de la presente Panasonic declara que el AT1601 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Härmed intygar Panasonic att denna AT1601 står I överensstämmelse med de vä sentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Hér með lýsir Panasonic yfir því að AT1601 er í samræmi við grunnkröfur og að rar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Panasonic erklærer herved at utstyret AT1601 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Ovim Panasonic, izjavljuje da je AT1601 u sklau s bitnim zahtjevima I drugim relevantnim odredbama Direktive 1999/5/EC.
Ovim, Panasonic, deklariše da je AT1601 u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.

WARNING

■ **Caution while driving**

Observe the following precautions to avoid an accident that could result in death or serious injuries.

- Do not use a cellular phone.
- Do not connect Bluetooth® device or operate the controls.

■ **Caution regarding interference with electronic devices**

- Your audio unit is fitted with Bluetooth® antennas. People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should maintain a reasonable distance between themselves and the Bluetooth® antennas.
  The radio waves may affect the operation of such devices.
- Before using Bluetooth® devices, 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.

NOTICE

■ **To prevent damage to Bluetooth® device**

Do not leave Bluetooth® device in the vehicle. The temperature inside the vehicle may become high, resulting in damage to the device.

Interior features 6

6-1. Using the air conditioning system and defogger

Automatic air conditioning system 386

Seat heaters 396

6-2. Using the interior lights

Interior lights list.....398

• Interior light.....398

• Personal lights.....399

6-3. Using the storage features

List of storage features 400

• Glove box 401

• Cup holders 402

• Bottle holders 403

• Auxiliary box 403

Luggage compartment features.....404

6-4. Using the other interior features

Other interior features.....407

• Sun visors.....407

• Vanity mirrors 407

• Portable ashtray 408

• Cigarette lighter 409

• Power outlet 410

• Armrest.....411

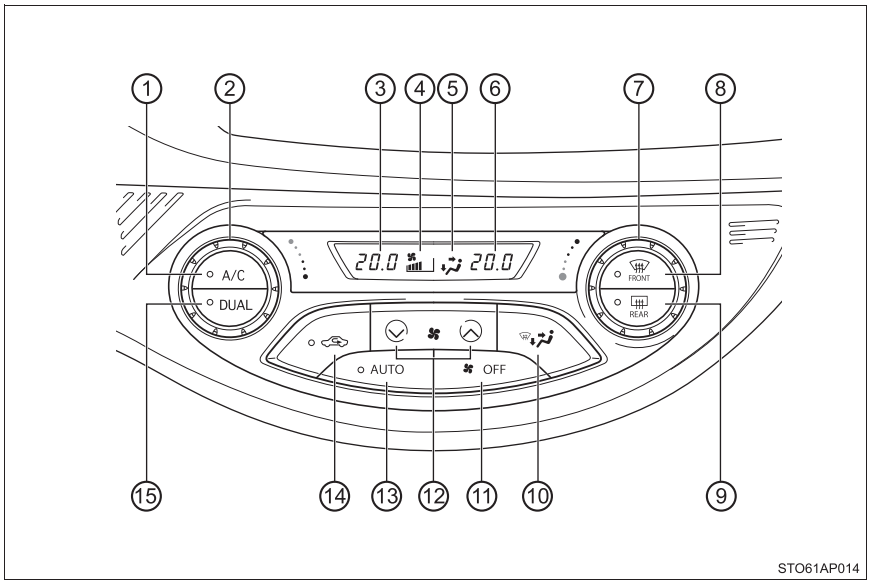
• Panoramic roof shade ...411

• Assist grips 412

Automatic air conditioning system

Air outlets and fan speed are automatically adjusted according to the temperature setting.

Air conditioning controls

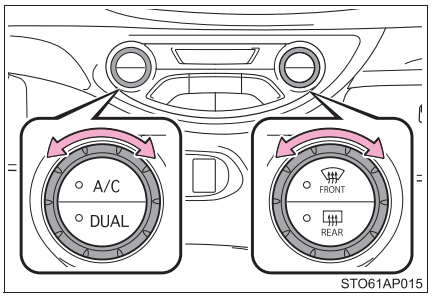


① Cooling and dehumidification function on/off button
② Left-hand side temperature control dial
③ Left-hand side temperature display
④ Fan speed display
⑤ Air outlet display
⑥ Right-hand side temperature display
⑦ Right-hand side temperature control dial
⑧ Windshield defogger button
⑨ Rear window defogger switch/ rear window defogger and outside rear view mirror defoggers switch (if equipped)
⑩ Air outlet selector button
⑪ “OFF” button
⑫ Fan speed control button
⑬ Automatic mode button
⑭ Outside/recirculated air mode button
⑮ Dual mode button

■ Adjusting the temperature setting

To adjust the temperature setting, turn the temperature control dial clockwise or counterclockwise.

If A/C is not pressed, the system will blow ambient temperature air or heated air.



■ Fan speed setting

Press “∧” on  to increase the fan speed.

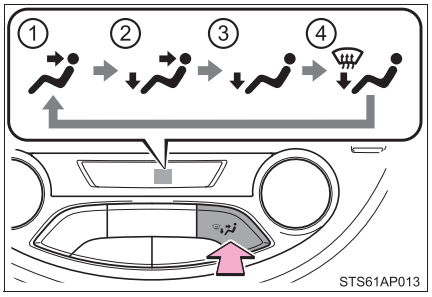
Press “∨” on  to decrease the fan speed.

Press  to turn the fan off.

■ Change the airflow mode

To change the air outlets, press .

The air outlets used are switched each time the button is pressed.



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 automatic mode

1 Press AUTO.

Air outlets and fan speed are automatically adjusted according to the temperature setting.

2 Adjust the temperature setting.

3 To stop the operation, press OFF.

■ **Automatic mode indicator**

If the fan speed setting or air flow modes are operated, the automatic mode indicator goes off. However, automatic mode for functions other than that operated is maintained.

■ **Adjusting the temperature for driver and passenger seats separately (“DUAL” mode)**

To turn on the “DUAL” mode, perform any of the following procedure:

● Press DUAL.

● Adjust the passenger’s side temperature setting.

The indicator comes on when the “DUAL” mode is on.

To turn off the “DUAL” mode, press the switch again.

Other functions

■ Switching between outside air and recirculated air modes

Press .

The mode switches each time the button is pressed.

The indicator comes on when the recirculated air mode is on.

■ Defogging the windshield

Defoggers are used to defog the windshield and front side windows.

Press .

Set the outside/recirculated air mode button to outside mode if 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

▶ Vehicles with a rear window defogger

Defogger is used to defog the rear window.

Press .

The defogger will automatically turn off after a period of time.

▶ Vehicles with rear window and outside rear view mirror defoggers

Defoggers are used to defog the rear window, and to remove raindrops, dew and frost from the outside rear view mirrors.

Press .

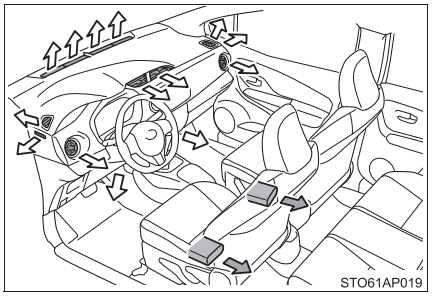
The defoggers will automatically turn off after a period of time.

Air outlets

■ Location of air outlets

The air outlets and air volume changes according to the selected airflow mode.

⇦ : Some models

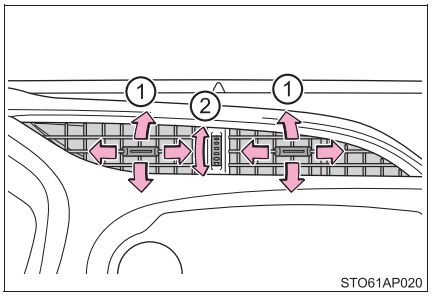


■ Adjusting the position, opening and closing the air outlets

▶ Front center outlets

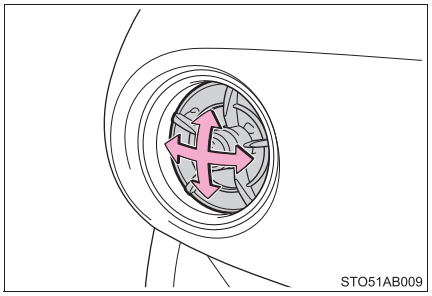
① Direct air flow to the left or right, up or down.

② Turn the knob to open or close the vent.

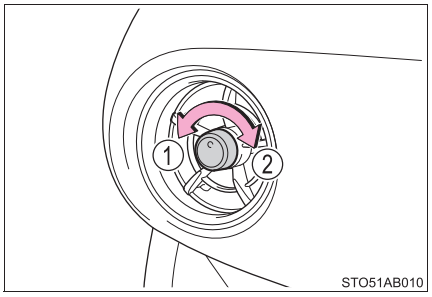


▶ Front side outlets

Direct air flow to the left or right, up or down.



① Open the vent.
② Close the vent.



■ **Operation of the air conditioning system in Eco drive mode**

In Eco drive mode, the air conditioning system is controlled as follows to prioritize fuel efficiency:

- Heating/cooling capacity is restricted.
- Outside/recirculated air mode automatically switch depending on the temperature setting or the inside temperature.
- Fan speed restricted when automatic mode is selected.

To improve air conditioning performance, perform the following operations:

- Adjust the fan speed or the setting temperature.
- Turn off Eco drive mode.

■ **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  is pressed.

■ **Fogging up of the windows**

- The windows will easily fog up when the humidity in the vehicle is high. Turning  on will dehumidify the air from the outlets and defog the windshield effectively.
- If you turn  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 the outside/recirculated air mode button 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.

■ **When the outside temperature falls to nearly 0°C (32°F)**

The dehumidification function may not operate even when A/C is pressed.

■ **When the indicator light on A/C goes off by itself**

Press A/C to turn off the dehumidification function and turn it on again.

There may be a problem in the air conditioning system if the indicator light goes off again. Turn the air conditioning system off and have it inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **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 AUTO mode.

■ **Air conditioning filter**

→P. 474

■ **Customization**

The air conditioning control of Eco drive mode can be changed to the same setting as that used in normal drive mode.
(Customizable features →P. 609)

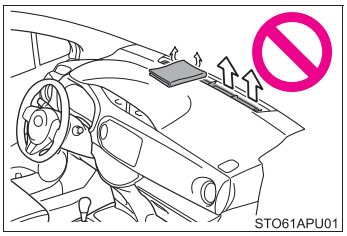
WARNING

■ **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 (vehicles with outside rear view mirror defoggers)**

Do not touch the outside surface of the rear view mirrors, as they can become very hot and burn you.

NOTICE

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

Do not leave the air conditioning system on longer than necessary when the hybrid system is stopped.

Seat heaters*

WARNING

■ **Burns**

- Use caution when seating the following persons in a seat with the seat heater on to avoid the possibility of burns:
  - 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.)
- Do not cover the seat with anything when using the seat heater.
  Using the seat heater with a blanket or cushion increases the temperature of the seat and may lead to overheating.
- Do not use the seat heater more than necessary. Doing so may cause minor burns or overheating.

NOTICE

■ **To prevent seat heater damage**

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**

Turn the seat heaters off when the hybrid system is off.

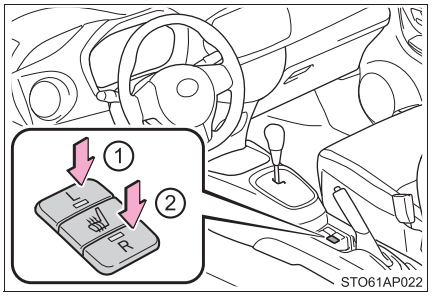
*: If equipped

Operating instructions

① Turns on the front left seat heater

② Turns on the front right seat heater

The indicator light comes on.



■ The seat heaters can be used when

▶ Vehicles without a smart entry & start system

The power switch is in the “ON” position.

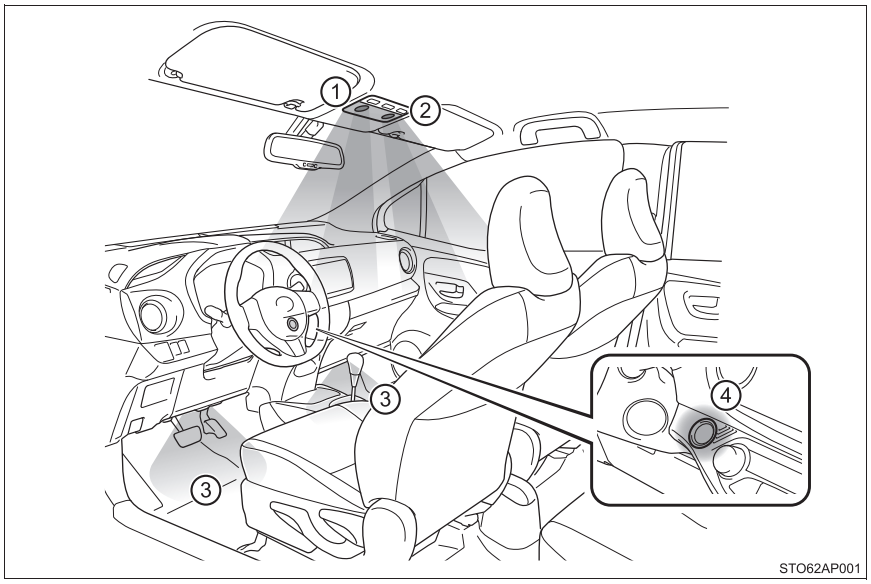
▶ Vehicles with a smart entry & start system

The power switch is in ON mode.

■ When not in use

Turn the seat heater off.

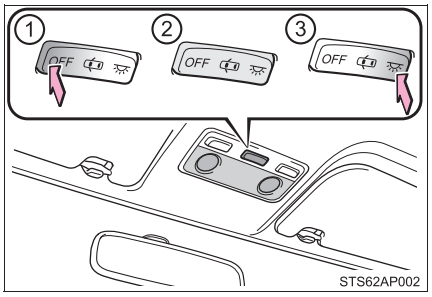
Interior lights list



① Interior light (→P. 398)
② Personal lights (→P. 399)
③ Footwell lights (if equipped)
④ Power switch light (vehicles with a smart entry & start system)

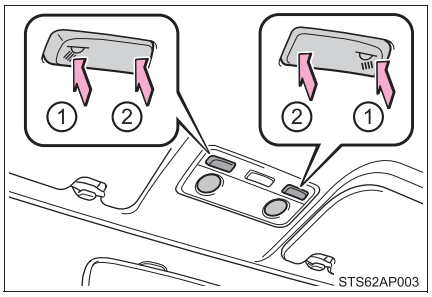
Interior light

① Off
② Door position
③ On



Personal lights

① On
② Off



Illuminated entry system

▶ Vehicles without a smart entry & start system

The lights automatically turn on/off according to the power switch position, whether the doors are locked/unlocked, and whether the doors are opened/closed.

▶ Vehicles with a smart entry & start 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.

To prevent 12-volt battery from being discharged

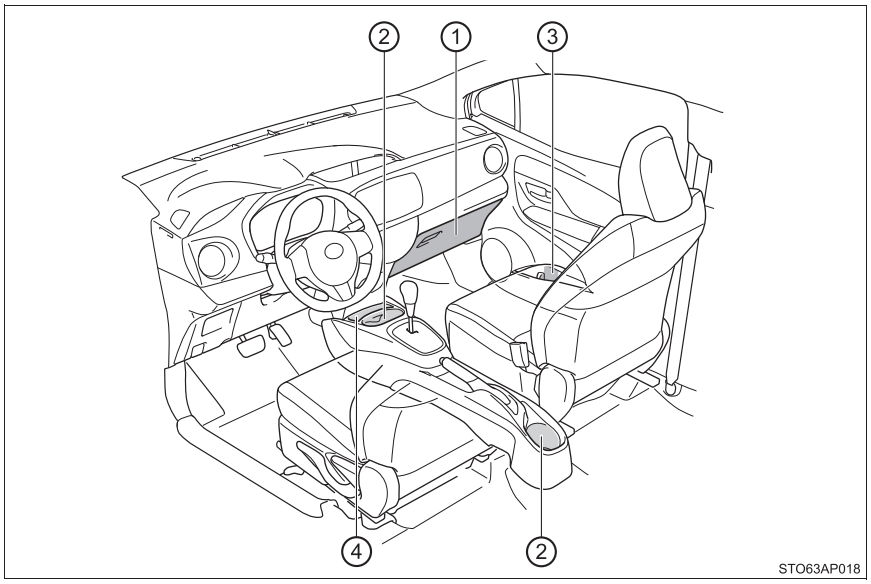
If the following lights remain on when the door is not fully closed, the lights will go off automatically after 20 minutes:

- Interior/personal lights (when the switch is in the door position)
- Luggage compartment light
- Power switch light (vehicles with a smart entry & start system)
- Footwell lights (if equipped)

Customization

Settings (e.g. the time elapsed before lights turn off) can be changed. (Customizable features →P. 608)

List of storage features



① Glove box	(→P. 401)	③ Bottle holders	(→P. 403)
② Cup holders	(→P. 402)	④ Auxiliary box	(→P. 403)

WARNING

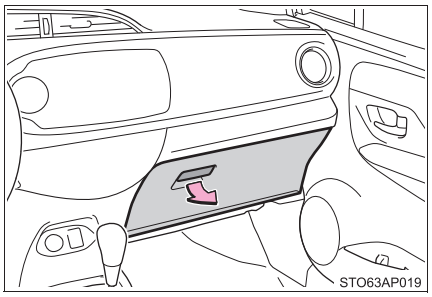
■ Items that should not be left in the storage spaces

Do not leave glasses, lighters or spray cans in the storage spaces, as this may result in the following when cabin temperature becomes high:

- Glasses may be deformed by heat or cracked if they come into contact with other stored items.
- Lighters or spray cans may explode. If they come into contact with other stored items, the lighter may catch fire or the spray can may release gas, causing a fire hazard.

Glove box

Pull up the lever to open the glove box.

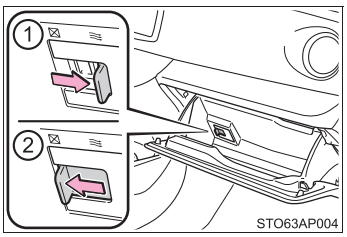


Using the glove box vent (if equipped)

Air from the air conditioning system can be distributed into the glove box by opening and closing the vent.

① Open

② Close



The air is conditioned the same as the air for the passenger side vent.

Perishable items should not be put in the box.

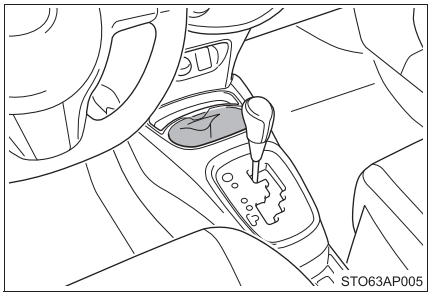
WARNING

Caution while driving

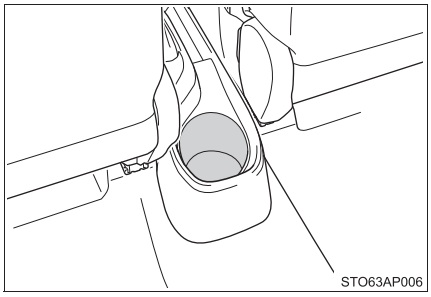
Keep the glove box closed. In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by the open glove box or the items stored inside.

Cup holders

Front



Rear

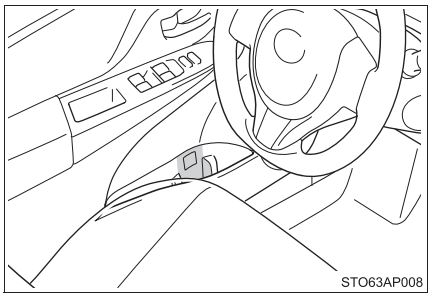


WARNING

Items unsuitable for the cup holders

- Do not place anything other than cups or aluminum cans in the cup holders. Other items may be thrown out of the holders in the event of an accident or sudden braking, causing injury.
- To prevent burns, cover hot drinks when placed in the cup holders.

Bottle holders



When using the bottle holders

- When storing a bottle, close the cap.
- The bottle may not be stored depending on its size or shape.

WARNING

Items unsuitable for the bottle holders

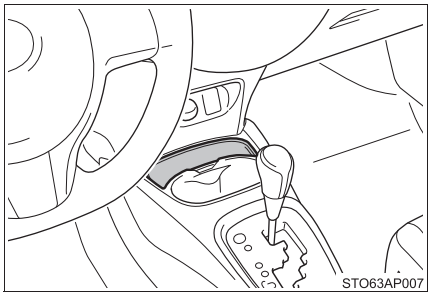
Do not place anything other than a bottle in the bottle holders.
Other items may be thrown out of the holders in the event of an accident or sudden braking and cause injury.

NOTICE

Items that should not be stowed in the bottle holders

Put the cap on before stowing a bottle. Do not place open bottles in the bottle holders, or glasses and paper cups containing liquid. The contents may spill and glasses may break.

Auxiliary box

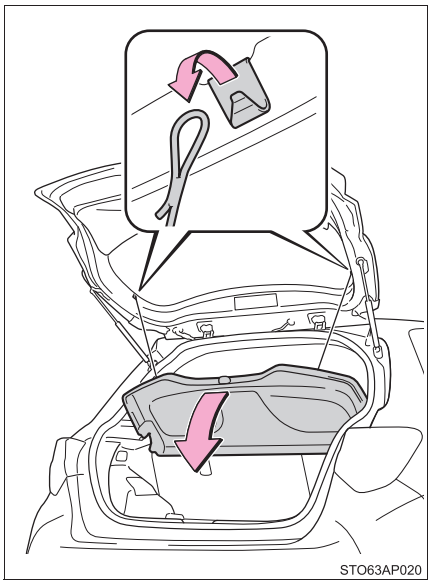


Luggage compartment features

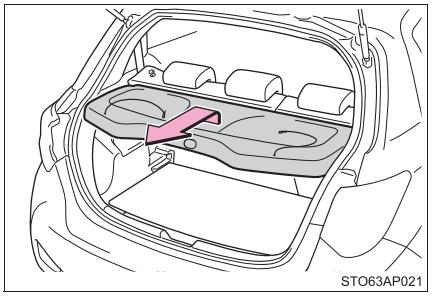
Luggage cover (if equipped)

The luggage cover can be removed by the following procedure:

1 Unhook the cords and return the luggage cover to horizontal position.



2 Lift the luggage cover and pull it toward you to remove it.



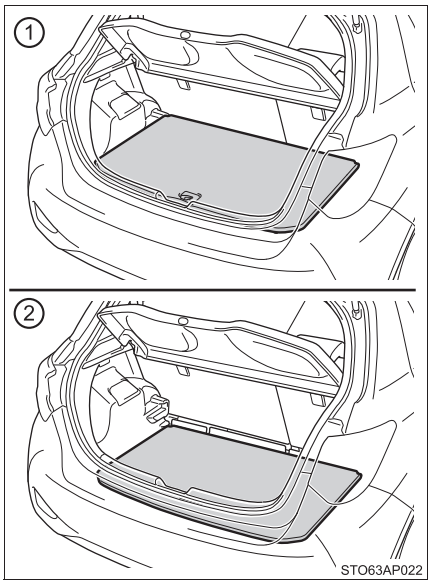
Deck board (if equipped)

■ Deck board height adjustment

① Upper position

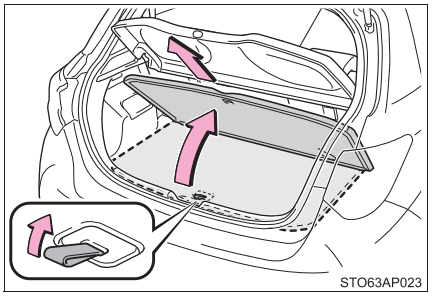
② Lower position

The lower position can be used when the deck board is placed on the luggage floor cover.



■ Removing the deck board

Lift the deck board and pull it toward you to remove it.



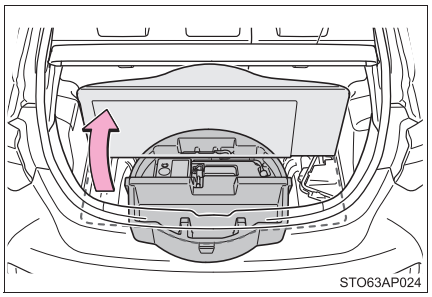
⚠ WARNING

■ When operating the deck board

Do not place anything on the deck board when operating the board. Otherwise, your fingers may be caught or an accident may result causing injuries.

Auxiliary box (if equipped)

Lift the deck board and the luggage floor cover.

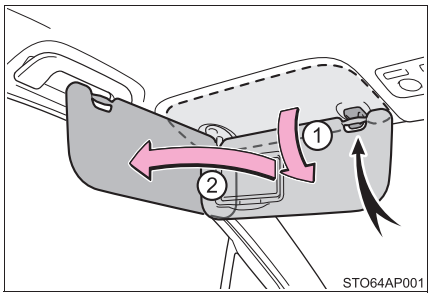


Other interior features

Sun visors

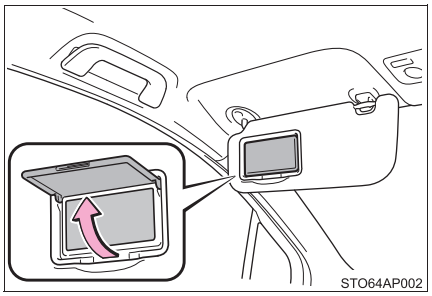
① To set the visor in the forward position, flip it down.

② To set the visor in the side position, flip down, unhook, and swing it to the side.



Vanity mirrors

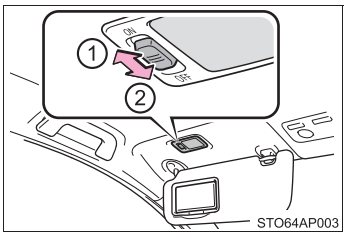
Open the cover.



■ Vanity lights (if equipped)

① Turns the lights on

② Turns the lights off



■ Vanity lights can be used when

▶ Vehicles without a smart entry & start system

The power switch is in the “ACC” or “ON” position.

▶ Vehicles with a smart entry & start system

The power switch is ACCESSORY or ON mode.

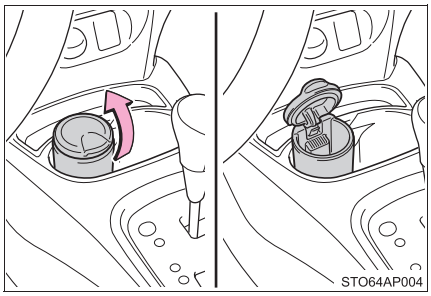
NOTICE

■ **To prevent 12-volt battery discharge (vehicles with vanity lights)**

Do not leave the vanity lights on for extended periods while the hybrid system is off.

Portable ashtray (if equipped)

The ashtray can be installed in a cup holder. (→P. 402)



WARNING

■ **When not in use**

Keep the ashtray closed. In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by the open ashtray or ash flying out.

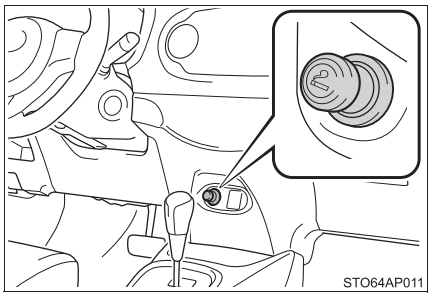
■ **To prevent fire**

- Fully extinguish matches and cigarettes before putting them in the ashtray, then make sure the ashtray is fully closed.
- Do not place paper or any other type of flammable object in the ashtray.

Cigarette lighter (if equipped)

Push the cigarette lighter.

The cigarette lighter will pop up when it is ready for use.



The cigarette lighter can be used when

▶ Vehicles without a smart entry & start system

The power switch is in the “ACC” or “ON” position.

▶ Vehicles with a smart entry & start system

The power switch is in ACCESSORY or ON mode.

WARNING

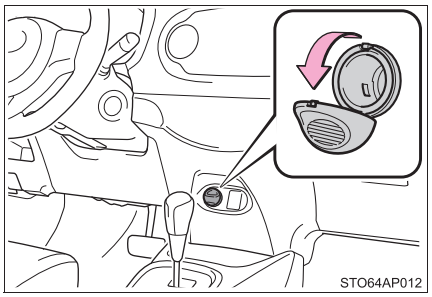
To avoid burns or fires

- Do not touch the metal parts of the cigarette lighter.
- Do not hold the cigarette lighter down. It could overheat and cause a fire.
- Do not insert anything other than the cigarette lighter provided into the cigarette lighter outlet. Doing so may deform the outlet and make the cigarette lighter pop out of the outlet or become difficult to take out.

Power outlet (if equipped)

Please use as a power supply for electronic goods that use less than 12 VDC/10 A (power consumption of 120 W).

Open the lid.



The power outlets can be used when

▶ Vehicles without a smart entry & start system

The power switch is in the “ACC” or “ON” position.

▶ Vehicles with a smart entry & start system

The power switch is in ACCESSORY or ON mode.

NOTICE

To avoid damaging the power outlet

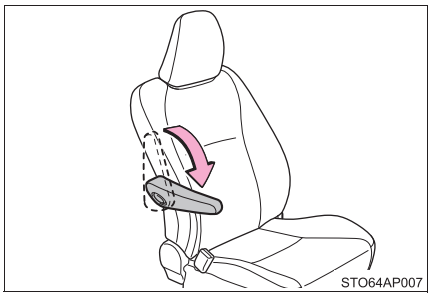
Close the power outlet lid when the power outlet is not in use.
Foreign objects or liquids that enter the power outlet may cause a short circuit.

To prevent 12-volt battery discharge

Do not use the power outlet longer than necessary when the hybrid system is off.

Armrest (if equipped)

Fold down the armrest for use.



NOTICE

To prevent damage to the armrest

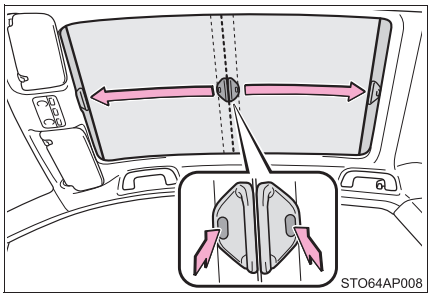
Do not apply too much load on the armrest.

Panoramic roof shade (if equipped)

The panoramic roof shade can be opened and closed manually.

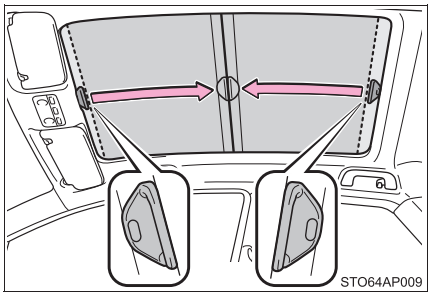
Opening the panoramic roof shade

Pushing the tabs will release the lock, and the shade can be opened.



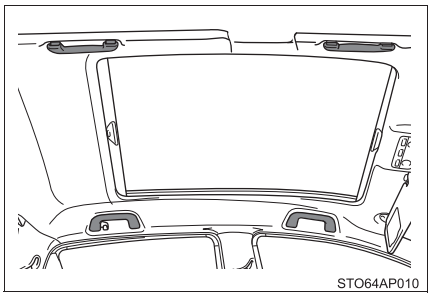
Closing the panoramic roof shade

Pull the tabs to the lock position to close the shade.



Assist grips

An assist grip installed on the ceiling can be used to support your body while sitting on the seat.



WARNING

■ Assist grip

Do not use the assist grip when getting in or out of the vehicle or rising from your seat.
Doing so could damage the assist grip, or could cause you to injure yourself by falling over.

NOTICE

■ To prevent damage to the assist grip

Do not hang any heavy object or put a heavy load on the assist grip.

Maintenance and care 7

7-1. Maintenance and care
Cleaning and protecting the vehicle exterior 414
Cleaning and protecting the vehicle interior 419
7-2. Maintenance
Maintenance requirements.....427
7-3. Do-it-yourself maintenance
Do-it-yourself service precautions 430
Hood 433
Positioning a floor jack.....435
Engine compartment.....437
12-volt battery 445
Tires.....451
Tire inflation pressure 468
Wheels.....470
Air conditioning filter 474
Wireless remote control/ electronic key battery.....477
Checking and replacing fuses 481
Light bulbs 486

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.
- Rear spoiler (if equipped) 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 and door borders, and high mounted stoplight.
- Before using the car wash, check that the fuel filler door on your vehicle is closed properly.

■ **When using a car wash (vehicles with a smart entry & start system equipped with entry function)**

If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. 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 (if equipped)**

- 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.
- To preserve the wheels luster, do not allow hot water, such as from steam cleaning, to contact them directly.

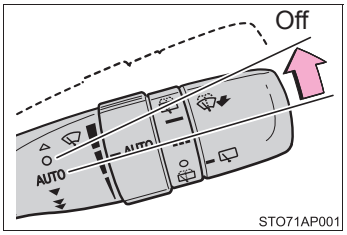
■ **Bumpers**

Do not scrub with abrasive cleaners.

WARNING

■ **When cleaning the windshield (vehicles with a rain-sensing windshield wiper)**

● Set the wiper switch to off.
If the wiper switch is in “AUTO”, the wiper 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

● Installation area of front sensor on windshield: →P. 261

■ **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.

■ **Precautions regarding the exhaust pipes**

Exhaust gases cause the exhaust pipes to become quite hot.

When washing the vehicle, be careful not to touch the pipes until they have cooled sufficiently, as touching hot exhaust pipes can cause burns.

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.

NOTICE

■ **When using an automatic car wash (vehicles with a rain-sensing windshield wiper)**

Set the wiper switch to the off position.
If the wiper switch is in “AUTO”, the wiper may operate and the wiper blade may be damaged.

■ **To prevent damage to the antenna**

Remove the antenna in the following situations:

- When the antenna will touch the ceiling of a garage or other such places
- When a car cover is to be used to cover the vehicle

■ **When using a high pressure car wash**

- Vehicles with back camera: When washing the vehicle, do not let water of the high pressure washer hit directly or the vicinity of the camera. Due to the shock from the high pressure water, it is possible the device may not operate as normal.
- Do not bring the nozzle tip close to boots (rubber or resin manufactured cover), connectors or the following parts. The parts may be damaged if they come into contact with high-pressure water.
  - Traction related parts
  - Steering parts
  - Suspension parts
  - Brake parts

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.
- If dirt cannot be removed, wipe it off with a soft cloth dampened with neutral detergent diluted to approximately 1%.
  Wring out any excess water from the cloth and thoroughly wipe off remaining traces of detergent and water.

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 dirt and dust using a vacuum cleaner.
- Wipe it off with a soft cloth dampened with neutral detergent diluted to approximately 1%.
- Wring out any excess water from the cloth and thoroughly wipe off remaining traces of detergent and water.

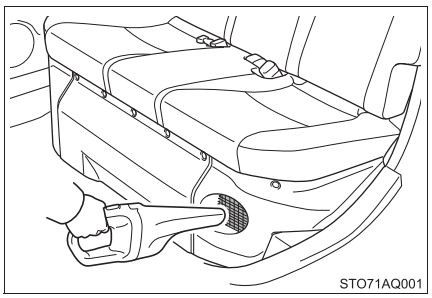
Maintenance for the cooling air intake vent of the hybrid battery (traction battery)

Clean periodically to prevent the air intake vent from being clogged.

■ Method for cleaning the air intake vent

Remove any dust, sand, etc., using a vacuum cleaner.

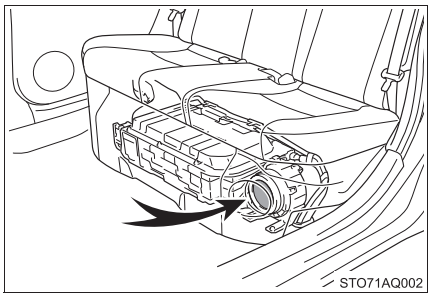
A filter is installed in the air intake vent.



When the go to service warning light comes on (vehicles with monochrome display) or “Maintenance required for Traction battery cooling parts. See owner’s manual.” is displayed on the multi-information display (vehicles with color display), it is possible that the filter is clogged. Clean the filter, if necessary.

■ Cleaning method for the filter of the cooling air intake vent

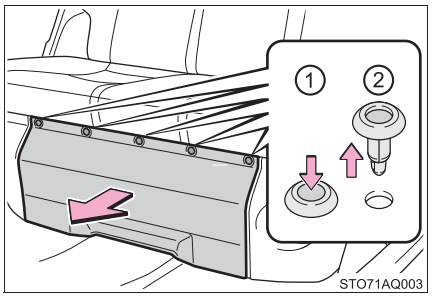
The filter is located on lower left side of the rear seat.



1 Removing the cover after removing the clip.

① Push in the center part of the clips

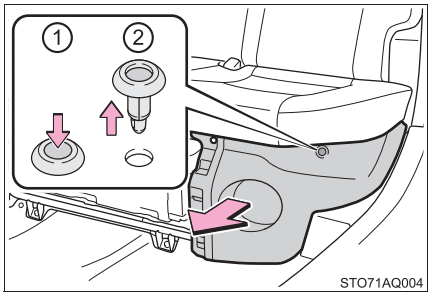
② Remove the clips



2 Remove the cover after removing the clip.

① Push in the center part of the clips

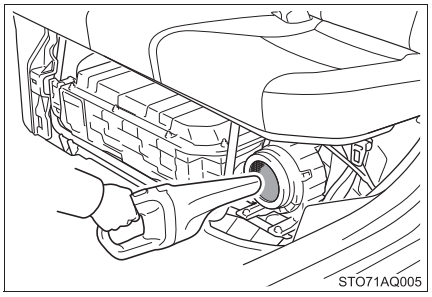
② Remove the clips



3 Remove any dust, sand, etc., using a vacuum cleaner.

Clean the air intake vent with the vacuum cleaner as well.

If the filter becomes damaged, have it replaced at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

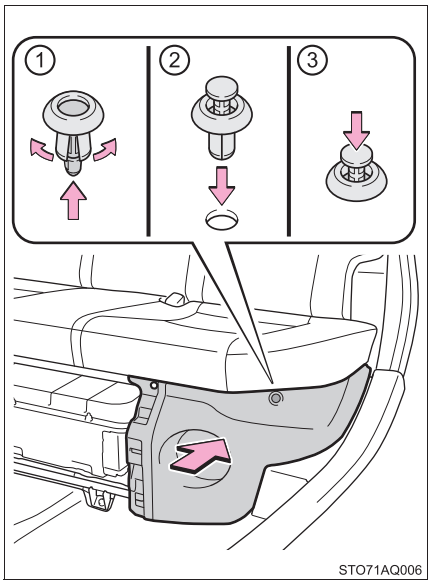


4 Install the cover with the clip.

① Push out the center part of the clips

② Insert the clips

③ Push in the center part of the clips

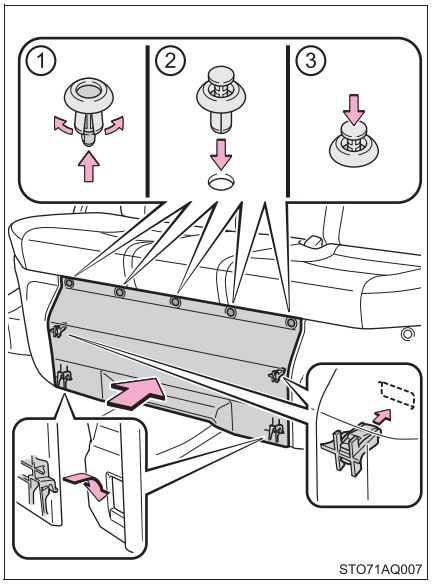


5 Install the cover with the clip.

① Push out the center part of the clips

② Insert the clips

③ Push in the center part of the clips



6 Start the hybrid system and make sure that the go to service warning light (vehicles with monochrome display) or “Maintenance required for Traction battery cooling parts. See owner’s manual.” on the multi-information display (vehicles with color display) turns off.

▶ Vehicles with monochrome display

It may take up to 20 minutes for the light to turns off, after the hybrid system is started. If the light does not turns off, even though the filter is clean, consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

▶ Vehicles with color display

It may take up to 20 minutes for the message to turns off, after the hybrid system is started. If the message does not turns off, even though the filter is clean, consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **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.

■ **Maintenance for air intake vent for cooling the hybrid battery (traction battery)**

- When the vehicle is continuously driven with the air intake vent blocked, the traction battery may overheat and cause a decline in fuel consumption.
- The cleaning time for air intake vent differs depending on the driving environment, etc.

■ **Cleaning the cooling air intake vent**

- If there are any uncertainties with cleaning the filter, consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Handling mistakes may lead to the cover or filter becoming damaged.
- When the vehicle is continuously driven with the filter clogged, the traction battery may overheat which could lead to a decline in fuel consumption and a breakdown.
- The cleaning time for filter differs depending on the driving environment, etc.

■ **When the go to service warning light turns on (vehicles with monochrome display) or "Maintenance required for Traction battery cooling parts. See owner's manual." is displayed on the multi-information display (vehicles with color display)**

- It is possible the air intake vent or filter is clogged due to accumulated dust. Clean the air intake vent and filter, referring to the cleaning method.
- When continuously driven in this state, the hybrid battery (traction battery) may overheat, which may lead to the driving distance by the electric motor getting shorter, the fuel consumption worsening, and causing damage. Clean the air intake vent periodically to prevent dust, etc., from collecting in the air intake vent or filter.
- If the go to service warning light (vehicles with monochrome display) or the display message in the Multi-Information display (vehicles with color display) does not turn off, even if the air intake vent is cleaned, have the vehicle inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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 vents, and in the rear seat. Doing so may cause the hybrid battery, electrical components, etc., to malfunction or catch fire.
- Do not get any of the SRS components or wiring in the vehicle interior wet. (→P. 44)
  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.

■ **When doing maintenance on the cooling air intake vent and filter for the hybrid battery (traction battery)**

- Do not clean using water or any liquids. If the hybrid battery gets wet, there is a danger of the battery being damaged leading to a vehicle fire.
- When removing the lower rear seat cover (left side), be sure to turn the power switch OFF and stop the hybrid system.

NOTICE

■ **Cleaning detergents**

- Do not use the following types of detergent, as they may discolor the vehicle interior or cause streaks or damage to painted surfaces:
  - Non-seat portions: Organic substances such as benzene or gasoline, alkaline or acidic solutions, dye, and bleach
  - Seats: Alkaline or acidic solutions, such as thinner, benzene, and alcohol
- Do not use polish wax or polish cleaner. The instrument panel's or other interior part's painted surface may be damaged.

■ **Preventing damage to leather surfaces**

Observe the following precautions to avoid damage to and deterioration of leather surfaces:

- Remove any dust or dirt from leather surfaces immediately.
- Do not expose the vehicle to direct sunlight for extended periods of time. Park the vehicle in the shade, especially during summer.
- Do not place items made of vinyl, plastic, or containing wax on the upholstery, as they may stick to the leather surface if the vehicle interior heats up significantly.

■ **Water on the floor**

Do not wash the vehicle floor with water.
Vehicle systems such as the audio system may be damaged if water comes into contact with electrical components such as the audio system above or under the floor of the vehicle. Water may also cause the body to rust.

■ **When cleaning the inside of the windshield (vehicles with Toyota Safety Sense system)**

Be careful not to touch the front sensor (→P. 257).
If the camera is accidentally scratched or hit, Toyota Safety Sense system may not operate properly or may cause a malfunction.

■ **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 of the maintenance items are easy to do yourself if you have a little mechanical ability and a few basic automotive tools.

Note, however, that some maintenance tasks require special tools and skills. These are best performed by qualified technicians. Even if you are an experienced do-it-yourself mechanic, we recommend that repairs and maintenance be conducted by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Any authorized Toyota retailer or repairer will keep a record of maintenance, which could be useful should you ever require Warranty Service. Should you choose to select a qualified and equipped professional other than an authorized Toyota repairer to service or maintain your vehicle, we recommend that you request that a record of maintenance be kept.

■ **Where to go for the maintenance service?**

In order to maintain your vehicle in the best possible condition, Toyota recommends that all repairs and service operations be carried out by authorized Toyota retailers or repairers or other duly qualified and equipped professionals. For repairs and services covered by your warranty, please visit an authorized Toyota retailer or repairer, who will use genuine Toyota parts in repairing any difficulties you may encounter. There can also be advantages in utilizing authorized Toyota retailers or repairers for non-warranty repairs and services, as members of the Toyota network will be able to expertly assist you with any difficulties you may encounter.

Your Toyota retailer or Toyota authorized repairer, or any reliable repairer will perform all of the scheduled maintenance on your vehicle reliably and economically due to their experience with Toyota vehicles.

■ **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 misfire, 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

If you notice any of these clues, take your vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible. Your vehicle may need adjustment or repair.

WARNING

■ **If your vehicle is not properly maintained**

Improper maintenance could result in serious damage to the vehicle and possible death or serious injury.

■ **Handling of the 12-volt battery**

12-volt battery posts, terminals and related accessories contain lead and lead compounds which are known to cause brain damage. Wash your hands after handling. (→P. 445)

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. 445)	• Grease • Conventional wrench (for terminal clamp bolts)
Engine/power control unit coolant level (→P. 441)	• “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. 438)	• “Toyota Genuine Motor Oil” or equivalent • Rag or paper towel • Funnel (used only for adding engine oil)
Fuses (→P. 481)	• Fuse with same amperage rating as original
Light bulbs (→P. 486)	• Bulb with same number and wattage rating as original • Phillips-head screwdriver • Flathead screwdriver • Wrench
Radiator and condenser (→P. 443)	—
Tire inflation pressure (→P. 468)	• Tire pressure gauge • Compressed air source
Washer fluid (→P. 443)	• 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

- Vehicles without a smart entry & start system: Make sure that the power switch is in the “LOCK” position and the “READY” indicator are off.
- Vehicles with a smart entry & start system: Make sure that the “Power on” on the multi-information display and the “READY” indicator are both off.
- Keep hands, clothing and tools away from the moving fan.
- Be careful not to touch the engine, power control unit, radiator, exhaust manifold, etc., right after driving as they may be hot. Oil and other fluids may also be hot.
- Do not leave anything that may burn easily, such as paper and rags, in the engine compartment.
- Do not smoke, cause sparks or expose an open flame to fuel. Fuel fumes are flammable.
- Take care because brake fluid can harm your hands or eyes and damage painted surfaces. If fluid gets on your hands or in your eyes, flush the affected area with clean water immediately.
  If you still experience discomfort, consult a doctor.

■ When working near the electric cooling fan or radiator grille

▶ Vehicles without a smart entry & start system

Be sure the power switch is in the “LOCK” position.
With the power switch in the “ON” position, the electric cooling fan may automatically start to run if the air conditioning is on and/or the coolant temperature is high. (→P. 443)

▶ Vehicles with a smart entry & start system

Be sure the power switch is off.
With the power switch in ON mode, the electric cooling fan may automatically start to run if the air conditioning is on and/or the coolant temperature is high. (→P. 443)

■ Safety glasses

Wear safety glasses to prevent flying or falling material, fluid spray, etc., from getting in your eyes.

NOTICE

■ **If you remove the air cleaner filter**

Driving with the air cleaner filter removed may cause excessive engine wear due to dirt in the air.

■ **If the fluid level is low or high**

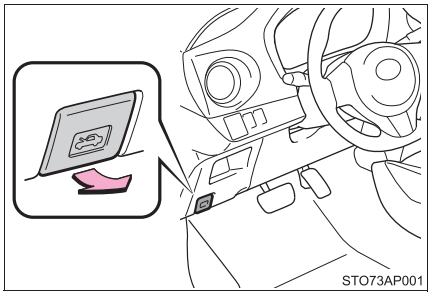
It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high.
If the reservoir needs frequent refilling, it may indicate a serious problem.

Hood

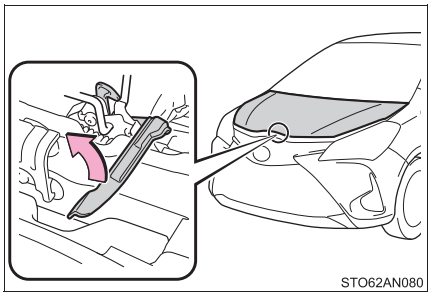
Release the lock from the inside of the vehicle to open the hood.

1 Pull the hood lock release lever.

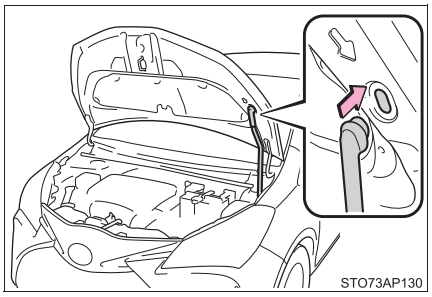
The hood will pop up slightly.



2 Pull up the auxiliary catch lever and lift the hood.



3 Hold the hood open by inserting the supporting rod into the slot.



WARNING

■ **Pre-driving check**

Check that the hood is fully closed and locked.
If the hood is not locked properly, it may open while the vehicle is in motion and cause an accident, which may result in death or serious injury.

■ **After installing the support rod into the slot**

Make sure the rod supports the hood securely from falling down on to your head or body.

NOTICE

■ **When closing the hood**

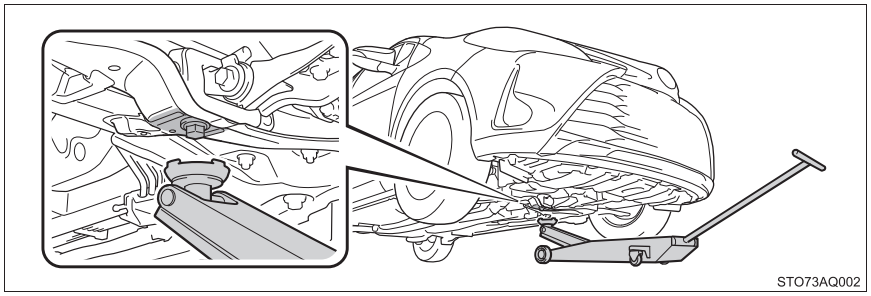
Be sure to return the support rod to its clip before closing the hood. Closing the hood with the support rod not clipped could cause the hood to bend.

Positioning a floor jack

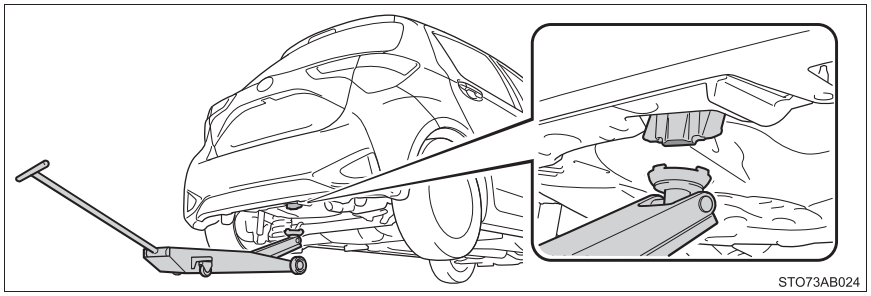
When using a floor jack, follow the instructions in the manual provided with the jack and perform the operation safety.

When raising your vehicle with a floor jack, position the jack correctly. Improper placement may damage your vehicle or cause injury.

◆ Front



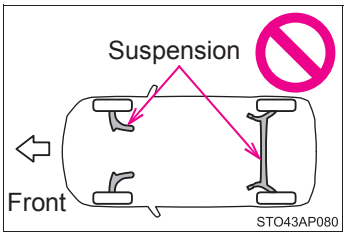
◆ Rear



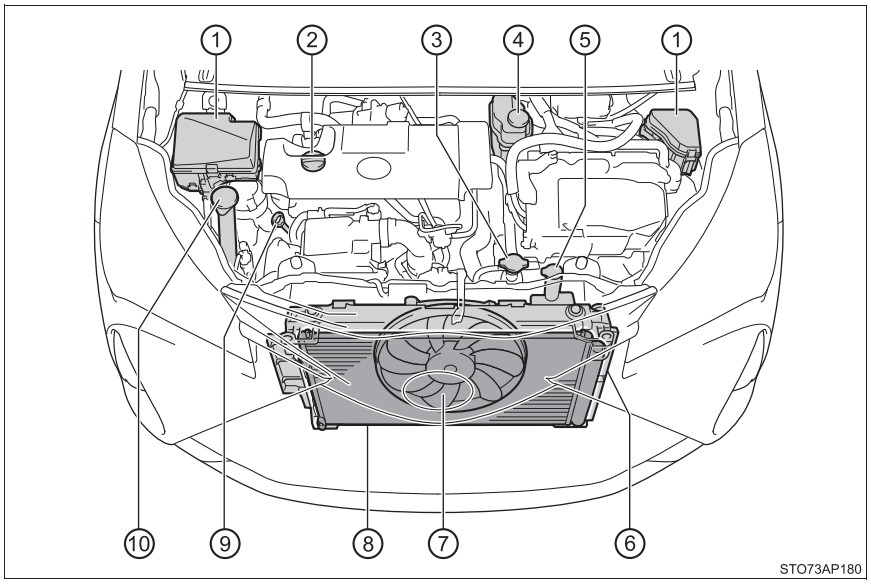
NOTICE

When raising your vehicle

Do not jack the vehicle at the suspension. The suspension may be damaged.



Engine compartment



① Fuse boxes (→P. 481)
② Engine oil filler cap (→P. 439)
③ Engine coolant radiator cap
④ Power control unit coolant reservoir (→P. 441)
⑤ Engine coolant reservoir (→P. 441)
⑥ Engine/power control unit coolant radiator (→P. 443)
⑦ Electric cooling fan
⑧ Condenser (→P. 443)
⑨ Engine oil level dipstick (→P. 438)
⑩ Washer fluid tank (→P. 443)

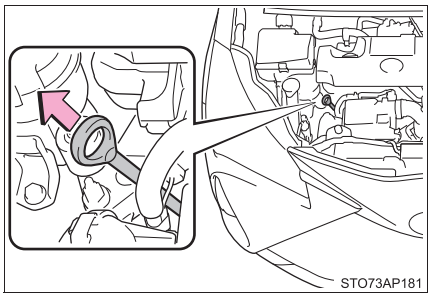
Engine oil

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 Reinsert the dipstick fully.

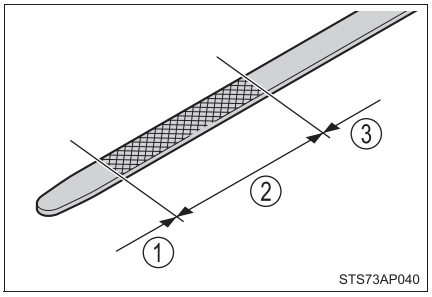
5 Holding a rag under the end, pull the dipstick out and check the oil level.

① Low

② Normal

③ Excessive

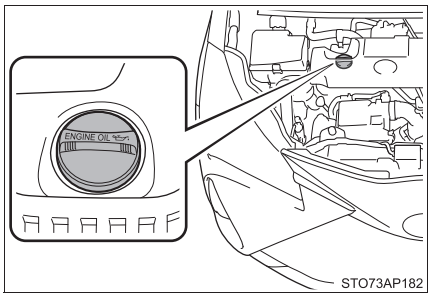
The shape of the dipstick may differ depending on the type of vehicle or engine.



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. 594
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 retailer or Toyota authorized repairer, or any reliable repairer, service station or auto parts store for information concerning recycling or disposal.
- Do not leave used engine oil within the reach of children.

NOTICE

■ **To prevent serious engine damage**

Check the oil level on a regular basis.

■ **When replacing the engine oil**

- Be careful not to spill engine oil on the vehicle components.
- Avoid overfilling, or the engine could be damaged.
- Check the oil level on the dipstick every time you refill the vehicle.
- Be sure the engine oil filler cap is properly tightened.

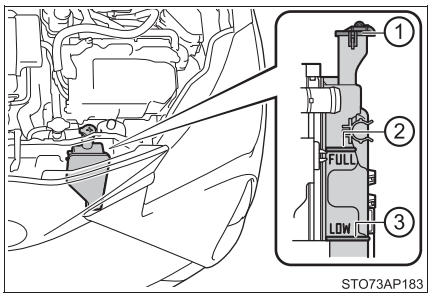
Coolant

▶ Engine coolant reservoir

The coolant level is satisfactory if it is between the “FULL” and “LOW” lines on the reservoir when the engine is cold.

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.

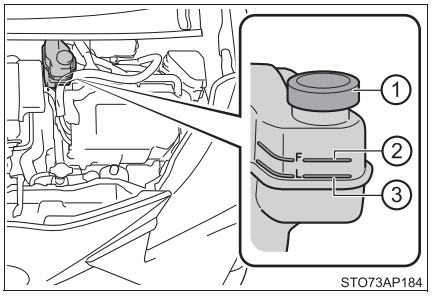


▶ Power control unit coolant reservoir

The coolant level is satisfactory if it is between the “F” and “L” lines on the reservoir when the hybrid system is cold.

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.



Coolant selection

Only use “Toyota Super Long Life Coolant” or a similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology.

“Toyota Super Long Life Coolant” is a mixture of 50% coolant and 50% deionized water. (Minimum temperature: -35°C [-31°F])

For more details about coolant, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

If the coolant level drops within a short time of replenishing

Visually check the radiator, hoses, engine/power control unit coolant reservoir caps, drain cock and water pump.
If you cannot find a leak, have any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer, test the cap and check for leaks in the cooling system.

WARNING

When the hybrid system is hot

Do not remove the engine/power control unit coolant reservoir caps.
The cooling system may be under pressure and may spray hot coolant if the cap is removed, causing serious injuries, such as burns.

NOTICE

When adding coolant

Coolant is neither plain water nor straight antifreeze. The correct mixture of water and antifreeze must be used to provide proper lubrication, corrosion protection and cooling. Be sure to read the antifreeze or coolant label.

If you spill coolant

Be sure to wash it off with water to prevent it from damaging parts or paint.

Radiator and condenser

Check the radiator and condenser and clear away any foreign objects. If any of the above parts is extremely dirty or you are not sure of their condition, have your vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

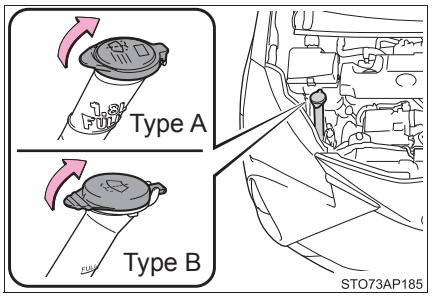
WARNING

■ When the hybrid system is hot

Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

Washer fluid

If the washer fluid level is less than “FULL” line, add washer fluid to “FULL” line.



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.

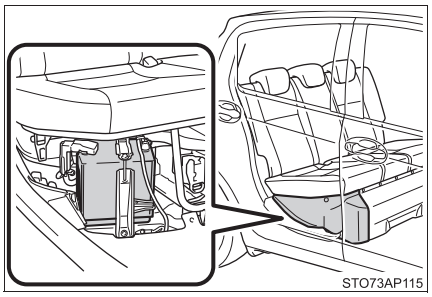
■ **Diluting washer fluid**

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 under the rear right seat.

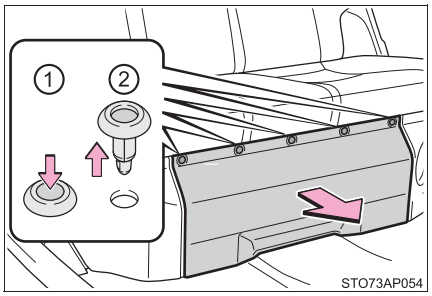


Removing the 12-volt battery cover

1 Remove the cover after removing the clips.

① Push in the center part of the clips

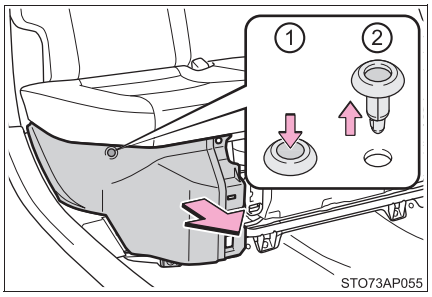
② Remove the clips



2 Remove the cover after removing the clip.

① Push in the center part of the clips

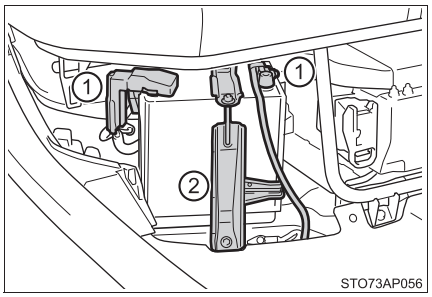
② Remove the clips



Exterior

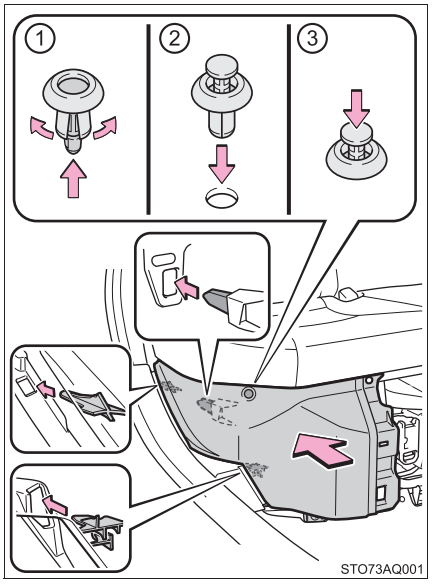
Make sure that the 12-volt battery terminals are not corroded and that there are no loose connections, cracks, or loose clamps.

① Terminals
② Hold-down clamp



Installing the 12-volt battery cover

1 Install the cover with the clip.
① Push out the center part of the clips
② Insert the clips
③ Push in the center part of the clips

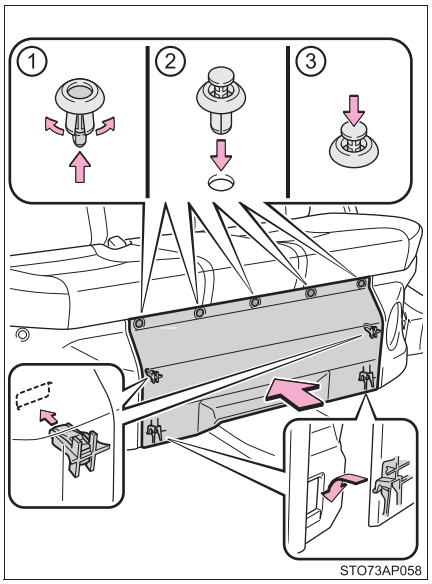


2 Install the cover with the clip.

① Push out the center part of the clips

② Insert the clips

③ Push in the center part of the clips



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		12-volt 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.

■ **When disconnecting the 12-volt battery terminals**

Always disconnect the negative (-) terminal first.

■ **After recharging/reconnecting the 12-volt battery (vehicles with a smart entry & start system)**

- Unlocking the doors using entry function of 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.

If the system will not start even after multiple attempts, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

■ **Chemicals in the 12-volt battery**

The 12-volt battery contains poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of death or serious injury, take the following precautions while working on or near the 12-volt battery:

- Do not cause sparks by touching the 12-volt battery terminals with tools.
- Do not smoke or light a match near the 12-volt battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.
- Wear protective safety glasses when working near the 12-volt battery.
- Keep children away from 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.

■ **When disconnecting the 12-volt battery terminals**

Always disconnect the negative (-) terminal first. If the positive (+) terminal is disconnected first and touches a surrounding metal surface sparks will be produced, possibly starting a fire. It could also result in an electric shock or serious injury.

■ **How to recharge the 12-volt battery**

Only perform a slow charge (3.5 A or less). The 12-volt battery may explode if charged at a quicker rate.

WARNING

■ **Emergency measures regarding electrolyte**

- If electrolyte gets in your eyes
  Flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If possible, continue to apply water with a sponge or cloth while traveling to the nearest medical facility.
- If electrolyte gets on your skin
  Wash the affected area thoroughly. If you feel pain or burning, get medical attention immediately.
- If electrolyte gets on your clothes
  It can soak through clothing on to your skin. Immediately take off the clothing and follow the procedure above if necessary.
- If you accidentally swallow electrolyte
  Drink a large quantity of water or milk. Get emergency medical attention immediately.

■ **When replacing the 12-volt battery**

Use a 12-volt battery designed for this vehicle. Failure to do so may cause gas (hydrogen) to enter the passenger compartment, causing a fire or explosion.
For replacement of the 12-volt battery, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

NOTICE

■ **When recharging the 12-volt battery**

Never recharge the 12-volt battery while the hybrid system is operating. Also, be sure all accessories are turned off.

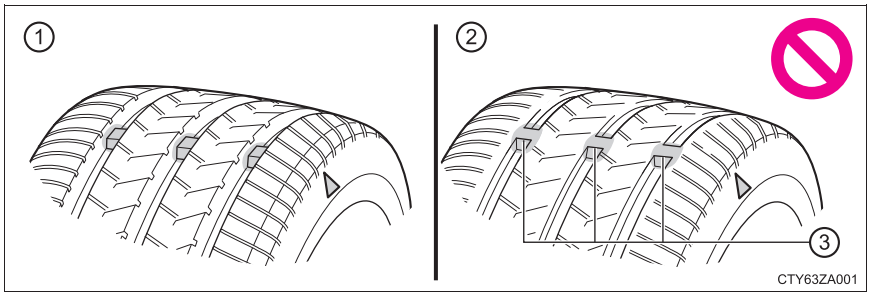
Tires

Replace or rotate tires in accordance with maintenance schedules and treadwear.

Checking tires

Check if the treadwear indicators are showing on the tires. Also check the tires for uneven wear, such as excessive wear on one side of the tread.

Check the spare tire condition and pressure if not rotated.



① New tread

② Worn tread

③ Treadwear indicator

The location of treadwear indicators is shown by a “TWI” or “Δ” mark, etc., molded into the sidewall of each tire.

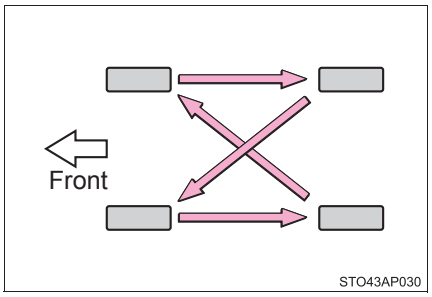
Replace the tires if the treadwear indicators are showing on a tire.

Tire rotation (vehicles with a tire pressure warning system)

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).

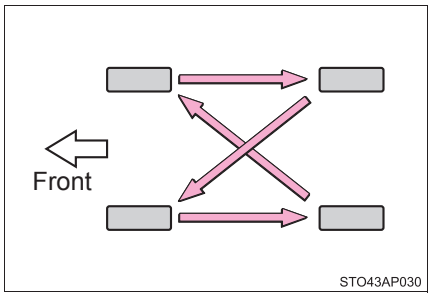
When rotating front and rear tires which have different tire inflation pressures, do not fail to initialize the tire pressure warning system after tire rotation.



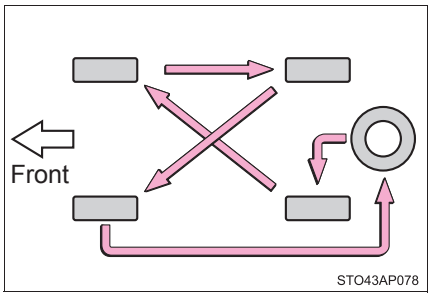
Tire rotation (vehicles without a tire pressure warning system)

Rotate the tires in the order shown.

- Vehicles with a compact spare tire or an emergency tire puncture repair kit



- Vehicles with a spare tire of the same wheel type as the installed tires



To equalize tire wear and help extend tire life, Toyota recommends that tire rotation is carried out approximately every 10000 km (6000 miles).

Tire pressure warning system (if equipped)

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. 522)

◆ 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 retailer or Toyota authorized repairer, or any reliable repairer. (→P. 455)

◆ 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 the tire inflation pressure is changed such as when changing traveling speed
- 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 to the “LOCK” position (vehicles without a smart entry & start system) or off (vehicles with a smart entry & start system).

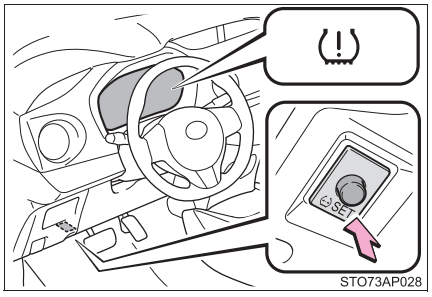
Initialization cannot be performed while the vehicle is moving.

2 Adjust the tire inflation pressure to the specified cold tire inflation pressure level. (→P. 598)

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 the “ON” position (vehicles without a smart entry & start system) or ON mode (vehicles with a smart entry & start system).

4 Press and hold the tire pressure warning reset switch until the tire pressure warning light blinks slowly 3 times.



5 Vehicles without a smart entry & start system:
Wait for a few minutes with the power switch in the “ON” position and then turn the power switch to the “ACC” or “LOCK” position.

Vehicles with a smart entry & start system:
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 retailer or Toyota authorized repairer, or any reliable repairer.

■ When to replace your vehicle's tires

Tires should be replaced if:

- Tire tread wear indicators are showing on a tire.
- You have tire damage such as cuts, splits, cracks deep enough to expose the fabric, and bulges indicating internal damage
- A tire goes flat repeatedly or cannot be properly repaired due to the size or location of a cut or other damage

If you are not sure, consult with any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ Replacing tire and wheels (vehicles with a tire pressure warning system)

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.

■ **Low profile tires (vehicles with 195/50R16 tires)**

Generally, low profile tires will wear more rapidly and tire grip performance will be reduced on snowy and/or icy roads when compared to standard tires. Be sure to use snow tires or tire chains on snowy and/or icy roads and drive carefully at a speed appropriate for road and weather conditions.

■ **Routine tire inflation pressure checks (vehicles with a tire pressure warning system)**

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.

■ **Initializing the tire pressure warning system (vehicles with a tire pressure warning system)**

Initialize the system with the tire inflation pressure adjusted to the specified level.

■ **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 (vehicles with a tire pressure warning system)**

● In the following cases, the tire pressure warning system may not operate properly.

- If non-genuine Toyota wheels are used.
- A tire has been replaced with a tire that is not an OE (Original Equipment) tire.
- A tire has been replaced with a tire that is not of the specified size.
- Tire chains etc. are equipped.
- If a window tint that affects the radio wave signals is installed.
- If there is a lot of snow or ice on the vehicle, particularly around the wheels or wheel housings.
- If the tire inflation pressure is extremely higher than the specified level.
- If wheels without the tire pressure warning valves and transmitters are used.
- If the ID code on the tire pressure warning valves and transmitters is not registered in the tire pressure warning computer.

● Performance may be affected in the following situations.

- Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When carrying a portable radio, cellular phone, cordless phone or other wireless communication device

● When the vehicle is parked, the time taken for the warning to start or go off could be extended.

● When tire inflation pressure declines rapidly for example when a tire has burst, the warning may not function.

■ **When initialization of the tire pressure warning system has failed (vehicles with a tire pressure warning system)**

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 retailer or Toyota authorized repairer, or any reliable repairer.

- When operating the tire pressure warning reset switch, the tire pressure warning light does not blink 3 times.
- After driving for a certain period of time since the initialization has been completed, the warning light comes on after blinking for 1 minute.

■ **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 retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

■ **Certification for the tire pressure warning system**

The latest “DECLARATION of CONFORMITY” (DoC) is available at the following address:

http://www.globaldenso.com/en/products/oem/index.html

CE

Hereby, DENSO CORPORATION declares that this 23AAM is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
DENSO CORPORATION vakuuttaa täten että 23AAM tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart DENSO CORPORATION dat het toestel 23AAM 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 23AAM est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar DENSO CORPORATION att denna 23AAM 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 23AAM overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt DENSO CORPORATION, dass sich das Gerät 23AAM in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ DENSO CORPORATION ΔΗΛΩΝΕΙ ΟΤΙ 23AAM ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente DENSO CORPORATION dichiara che questo 23AAM 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 23AAM cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

DENSO CORPORATION declara que este 23AAM está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, DENSO CORPORATION, jiddikjara li dan 23AAM jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Käesolevaga kinnitab DENSO CORPORATION seadme 23AAM vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, DENSO CORPORATION nyilatkozom, hogy a 23AAM megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
DENSO CORPORATION týmto vyhlasuje, že 23AAM spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
DENSO CORPORATION tímto prohlašuje, že tento 23AAM je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
DENSO CORPORATION izjavlja, da je ta 23AAM v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo DENSO CORPORATION deklaruoja, kad šis 23AAM atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo DENSO CORPORATION deklarē, ka 23AAM atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym DENSO CORPORATION oświadcza, że 23AAM jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir DENSO CORPORATION yfir því að 23AAM er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

DENSO CORPORATION erklærer herved at utstyret 23AAM er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, DENSO CORPORATION, декларира, че 23AAM е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.
Prin prezenta, DENSO CORPORATION, declară că aparatul 23AAM este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.
Ovim, DENSO CORPORATION, izjavljuje da ovaj 23AAM je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Ovim, DENSO CORPORATION, deklariše da je 23AAM u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC.
Ovim DENSO CORPORATION, izjavljuje da je 23AAM 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 23AAM 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 ΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ Τ ΙΣ 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 esenţiale 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.

▶ Vehicles sold in Serbia



▶ Vehicles sold in Morocco

AGREE PAR L' ANRT MAROC
Numéro d' agrément :MR 7554 ANRT 2012
Date d' agrément :12/10/2012

▶ Vehicles sold in South Africa

TPMS (Tire Pressure Monitoring System) Transmitter conforms to the requirement of ICASA.



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.

■ **When initializing the tire pressure warning system (vehicles with a 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 (vehicles with a tire pressure warning system)**

- When removing or fitting the wheels, tires or the tire pressure warning valves and transmitters, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as the tire pressure warning valves and transmitters may be damaged if not handled correctly.
- Make sure to install the tire valve caps. If the tire valve caps are not installed, water could enter the tire pressure warning valves and the tire pressure warning valves could be bound.
- When replacing tire valve caps, do not use tire valve caps other than those specified. The cap may become stuck.

■ **To avoid damage to the tire pressure warning valves and transmitters (vehicles with a tire pressure warning system)**

When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or other qualified service shop as soon as possible. After use of liquid sealant, make sure to replace the tire pressure warning valve and transmitter when repairing or replacing the tire. (→P. 453)

■ **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.

■ **Low profile tires (vehicles with 195/50R16 tires)**

Low profile tires may cause greater damage than usual to the tire wheel when sustaining impact from the road surface. Therefore, pay attention to the following:

- Be sure to use proper tire inflation pressure. If tires are under-inflated, they may be damaged more severely.
- Avoid potholes, uneven pavement, curbs and other road hazards. Failure to do so may lead to severe tire and wheel damage.

■ **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. 598)

■ Effects of incorrect tire inflation pressure

Driving with incorrect tire inflation pressure may result in the following:

- Reduced fuel economy
- Reduced driving comfort and poor handling
- Reduced tire life due to wear
- Reduced safety
- Damage to the drive train

If a tire needs frequent inflating, have it checked by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ Instructions for checking tire inflation pressure

When checking tire inflation pressure, observe the following:

- Check only when the tires are cold.
  If your vehicle has been parked for at least 3 hours or has not been driven for more than 1.5 km or 1 mile, you will get an accurate cold tire inflation pressure reading.
- Always use a tire pressure gauge.
  It is difficult to judge if a tire is properly inflated based only on its appearance.
- It is normal for the tire inflation pressure to be higher after driving as heat is generated in the tire. Do not reduce tire inflation pressure after driving.

WARNING

■ Proper inflation is critical to save tire performance

Keep your tires properly inflated.
If the tires are not properly inflated, the following conditions may occur which could lead to an accident resulting in death or serious injury:

- Excessive wear
- Uneven wear
- Poor handling
- Possibility of blowouts resulting from overheated tires
- Air leaking from between tire and wheel
- Wheel deformation and/or tire damage
- Greater possibility of tire damage while driving (due to road hazards, expansion joints, sharp edges in the road, etc.)

NOTICE

■ When inspecting and adjusting tire inflation pressure

Be sure to put the tire valve caps back on.
If a valve cap is not installed, dirt or moisture may get into the valve and cause an air leak, resulting in decreased tire inflation pressure.

Wheels

If a wheel is bent, cracked or heavily corroded, it should be replaced. Otherwise, the tire may separate from the wheel or cause a loss of handling control.

Wheel selection

When replacing wheels, care should be taken to ensure that they are equivalent to those removed in load capacity, diameter, rim width and inset*.

Replacement wheels are available at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

*: Conventionally referred to as “offset”.

Toyota does not recommend using the following:

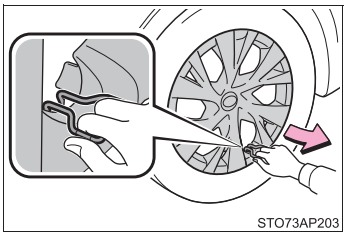
- Wheels of different sizes or types
- Used wheels
- Bent wheels that have been straightened

Aluminum wheel precautions (if equipped)

- 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 removing the wheel ornament (vehicles with steel wheels and emergency tire puncture repair kit)**

Remove the wheel ornament using the wheel cap clip.



■ **When replacing wheels (vehicles with a tire pressure warning system)**

The wheels of your vehicle are equipped with tire pressure warning valves and transmitters (except for spare tire [include compact spare tire]) 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. 453)

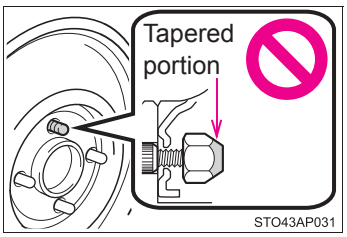
WARNING

■ **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 (vehicles with a tire pressure warning system)

- Because tire repair or replacement may affect the tire pressure warning valves and transmitters, make sure to have tires serviced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or other qualified service shop. In addition, make sure to purchase your tire pressure warning valves and transmitters at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Ensure that only genuine Toyota wheels are used on your vehicle.
  Tire pressure warning valves and transmitters may not work properly with non-genuine wheels.

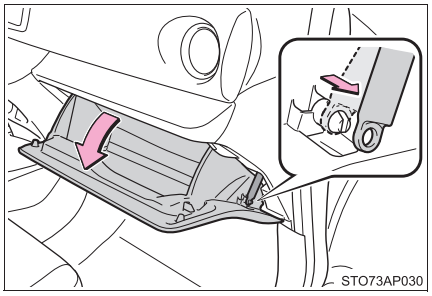
Air conditioning filter

The air conditioning filter must be changed regularly to maintain air conditioning efficiency.

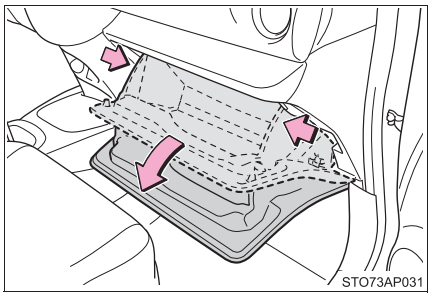
Removal method

1 Turn the power switch to the “LOCK” position (vehicles without a smart entry & start system) or off (vehicles with a smart entry & start system).

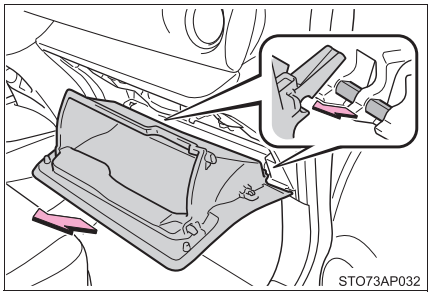
2 Open the glove box and slide off the damper.



3 Push in each side of the glove box to disconnect the upper claws.



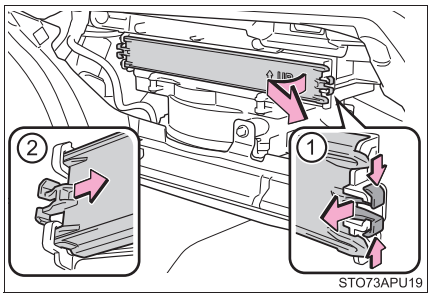
4 Pull out the glove box and disconnect the lower claws.



5 Remove the filter cover.

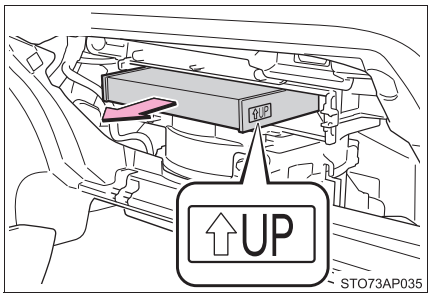
① Unlock the filter cover.

② Move the filter cover in the direction of the arrow, and then pull it out of the claws.



6 Remove the air conditioning filter and replace it with a new one.

The "↑UP" marks shown on the filter should be pointing up.



■ **Checking interval**

Inspect and replace the air conditioning filter according to the maintenance schedule. In dusty areas or areas with heavy traffic flow, early replacement may be required. (For scheduled maintenance information, please refer to the "Toyota Service Booklet" or "Toyota Warranty Booklet".)

■ **If air flow from the vents decreases dramatically**

The filter may be clogged. Check the filter and replace if necessary.

NOTICE

When using the air conditioning system

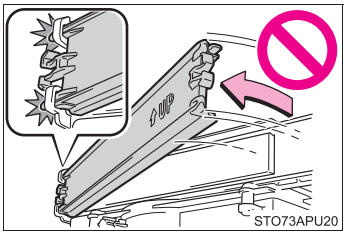
Make sure that a filter is always installed.
Using the air conditioning system without a filter may cause damage to the system.

When removing the glove box

Always follow the specified procedure to remove the glove box (→P. 474). If the glove box is removed without following the specified procedure, the hinge of the glove box may become damaged.

To prevent damage to the filter cover

When moving the filter cover in the direction of arrow to release the fitting, pay attention not to apply excessive force to the claws. Otherwise, the claws may be damaged.



Wireless remote control/electronic key battery*

Replace the battery with a new one if it is depleted.

You will need the following items:

- Flathead screwdriver
- Lithium battery CR2016 (vehicles without a smart entry & start system), or CR2032 (vehicles with a smart entry & start system)

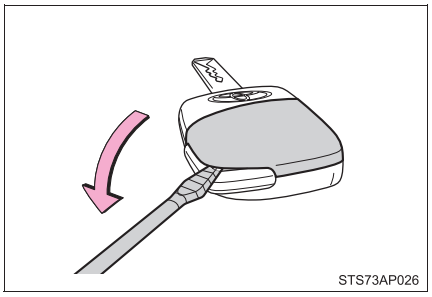
Replacing the battery

▶ Vehicles without a smart entry & start system

1 Lift the cover.

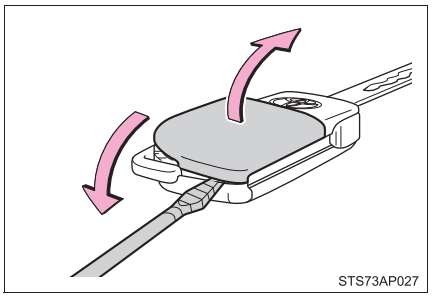
Insert the screwdriver in the slot and push down.

To prevent damage to the key, cover the tip of the screwdriver with a tape.



2 Remove the cover.

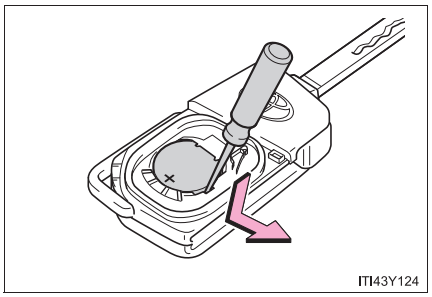
Insert the screwdriver in the bottom of the key and push down.



*: If equipped

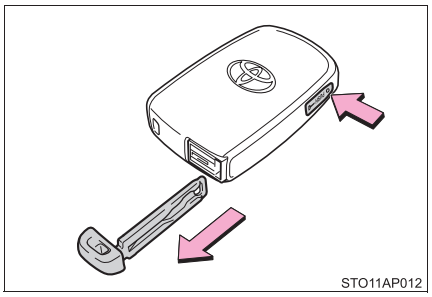
3 Remove the depleted battery.

Insert a new battery with the “+” terminal facing up.



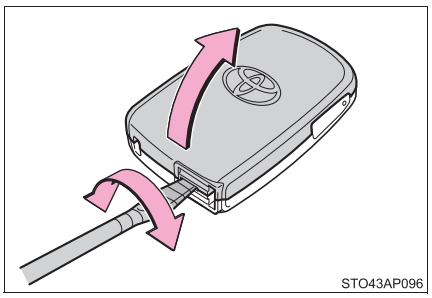
▶ Vehicles with a smart entry & start system

1 Take out the mechanical key.

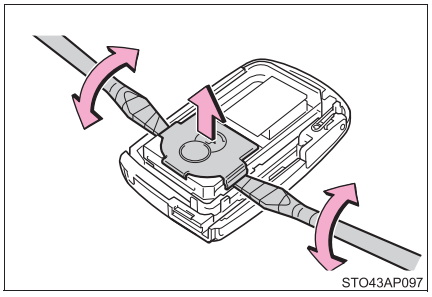


2 Remove the cover.

To prevent damage to the key, cover the tip of the screwdriver with a tape.

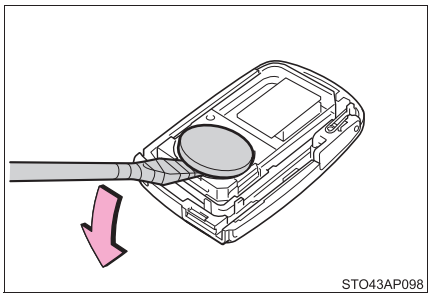


3 Remove the battery cover.



4 Remove the depleted battery.

Insert a new battery with the “+” terminal facing up.



■ **Use a CR2016 (vehicles without a smart entry & start system) or CR2032 (vehicles with a smart entry & start system) lithium battery**

- Batteries can be purchased at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer, local electrical appliance shops or camera stores.
- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to local laws.

■ **If the key battery is depleted**

The following symptoms may occur:

- The smart entry & start system (if equipped) 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 lithium battery**

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

NOTICE

■ **For normal operation after replacing the battery**

Observe the following precautions to prevent accidents:

- Always work with dry hands.
  Moisture may cause the battery to rust.
- Do not touch or move any other component inside the remote control.
- Do not bend either of the battery terminals.

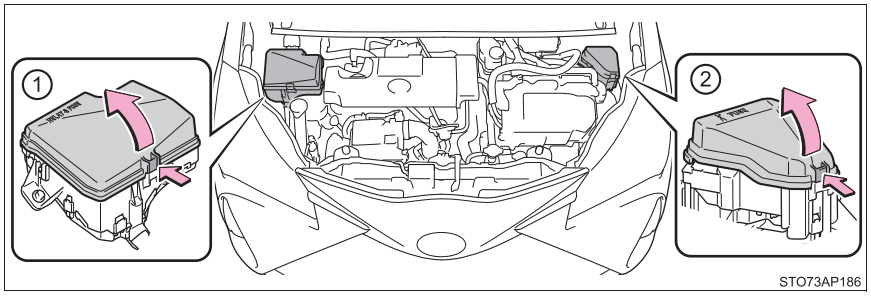
Checking and replacing fuses

If any of the electrical components do not operate, a fuse may have blown. If this happens, check and replace the fuses as necessary.

1 Turn the power switch to the “LOCK” position (vehicles without a smart entry & start system) or off (vehicles with a smart entry & start system).

2 Open the fuse box cover.

▶ Engine compartment: type A and B fuse boxes



① Type A fuse box

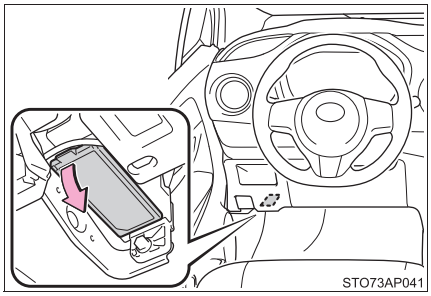
Push the tab in and lift the lid off.

② Type B fuse box

Push the tab in and lift the lid off.

▶ Instrument panel (left-hand drive vehicles)

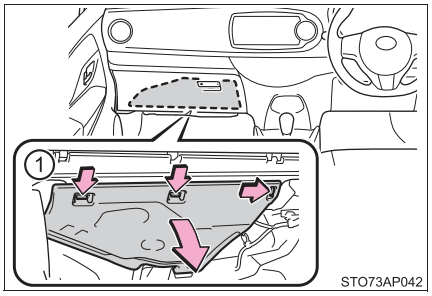
Remove the lid.



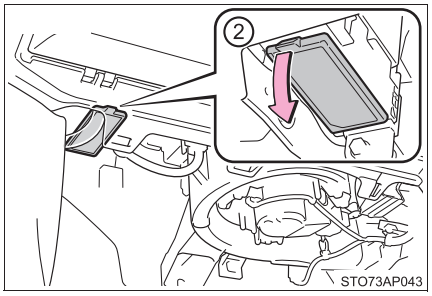
▶ Instrument panel (right-hand drive vehicles)

① Remove the cover.

Do not pull off the cover using excessive force as it is attached to the footwell light.

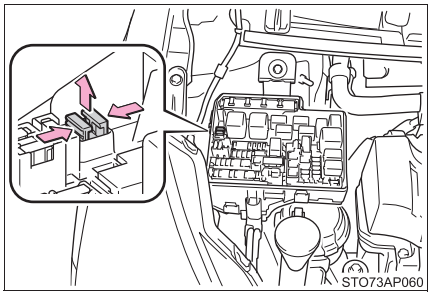


② Remove the lid.



3 Remove the fuse with the pull-out tool.

Only type A fuse can be removed using the pullout tool.



4 Check if the fuse is blown.

① Normal fuse

② Blown fuse

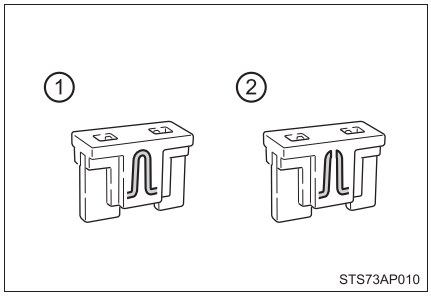
From Type A to F:

Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

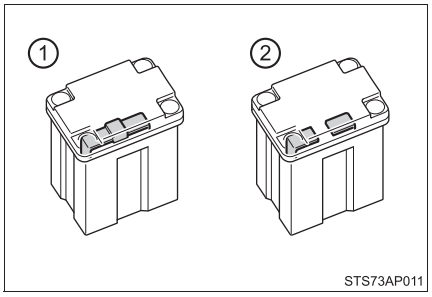
Type G:

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

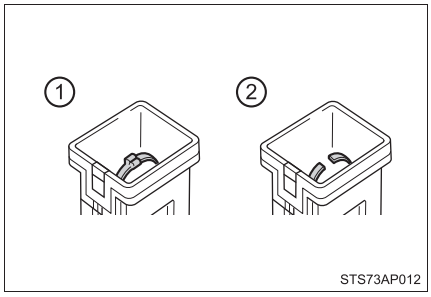
▶ Type A



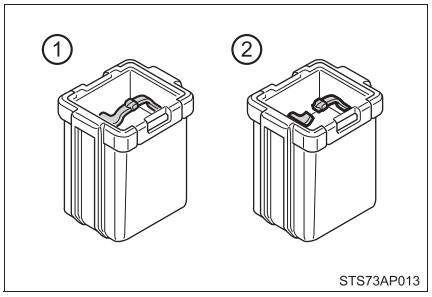
▶ Type B



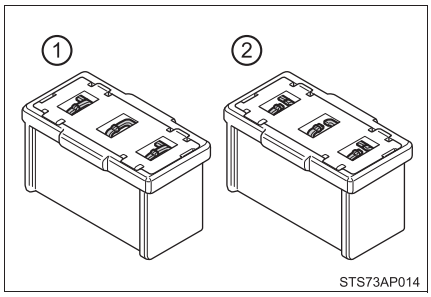
▶ Type C



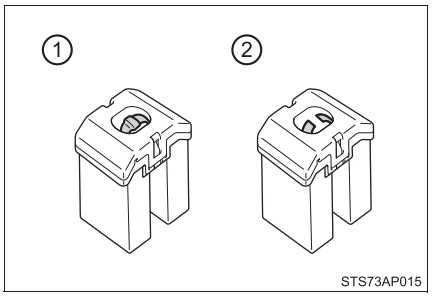
▶ Type D



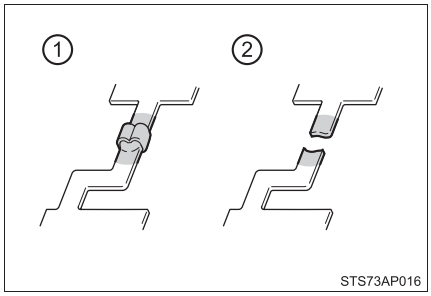
▶ Type E



▶ Type F



▶ Type G



■ **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. 486)
- If the replaced fuse blows again, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **If there is an overload in a circuit**

The fuses are designed to blow, protecting the wiring harness from damage.

■ **When replacing light bulbs**

Toyota recommends that you use 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 retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

Light bulbs

You may replace the following bulbs by yourself. The difficulty level of replacement varies depending on the bulb. As there is a danger that components may be damaged, we recommend that replacement is carried out by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

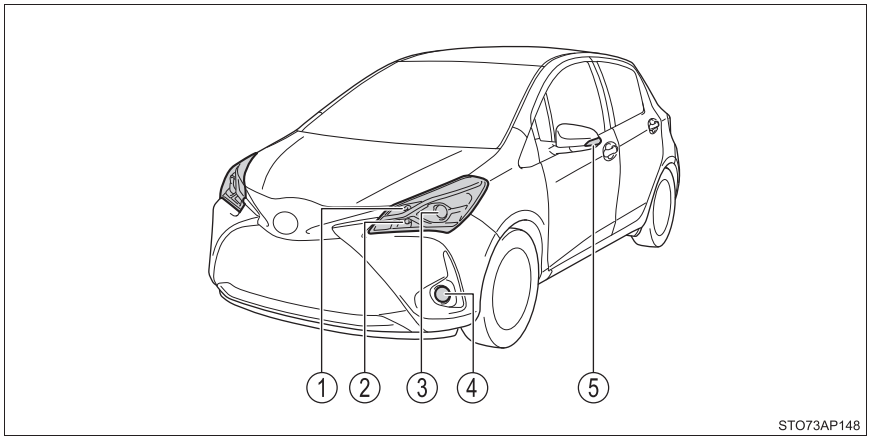
For more information about replacing other light bulbs, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Preparing for light bulb replacement

Check the wattage of the light bulb to be replaced. (→P. 600)

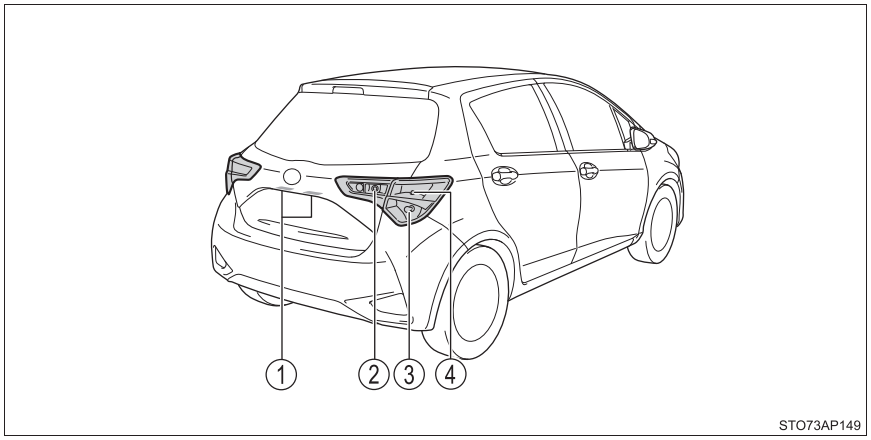
Bulb locations

■ Front



① Front position lights/daytime running lights (bulb type)
② Front turn signal lights
③ Headlights
④ Front fog lights (if equipped)
⑤ Side turn signal lights

■ **Rear**

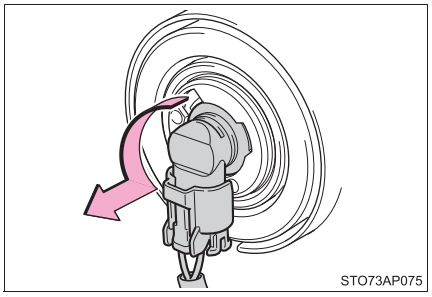


① License plate lights
② Back-up light
③ Stop/tail lights (bulb type)
④ Rear turn signal lights

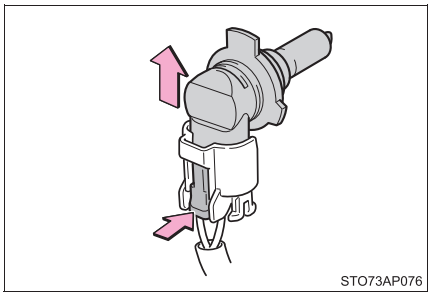
Replacing light bulbs

■ Headlights

1 Turn the bulb base counterclockwise.

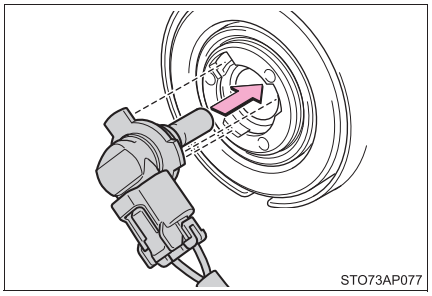


2 Pull the bulb out while pressing the lock release of the connector.



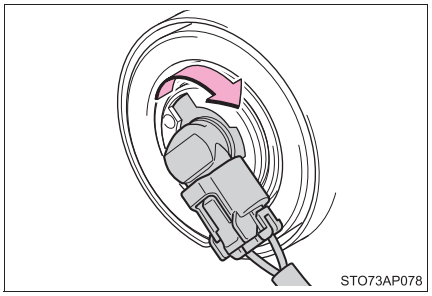
3 Replace the light bulb, plug the connector, and then install the bulb base.

Align the 3 tabs on the light bulb with the mounting and insert.



4 Turn and secure the bulb base.

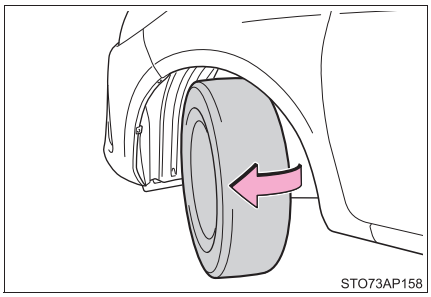
Shake the bulb base gently to check that it is not loose, turn the headlights on once and visually confirm that no light is leaking through the mounting.



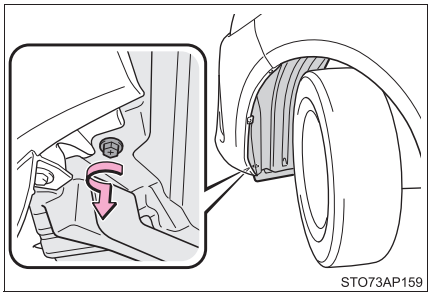
■ Front fog lights (if equipped)

1 Turn the steering wheel in the opposite direction of the light to be replaced.

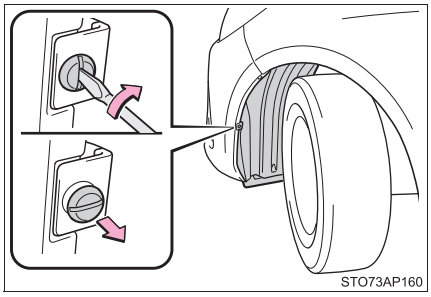
Turn the steering wheel to a point that allows your hand to easily fit between the tire and fender liner.



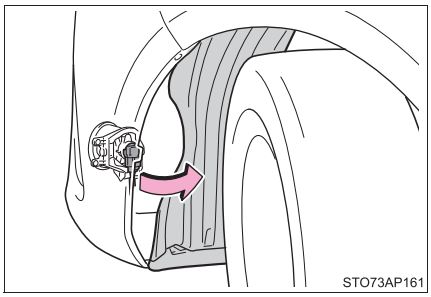
2 Remove the screw.



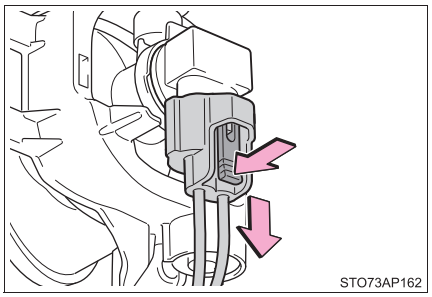
3 Remove the fender liner retainer.



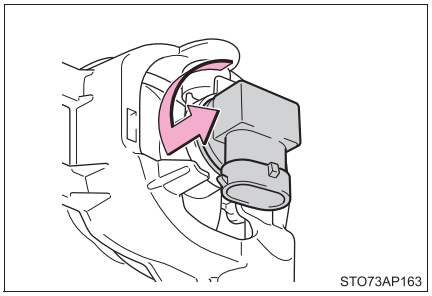
4 Partly remove the fender liner until the bulb is visible.



5 Unplug the connector while pressing the lock release.

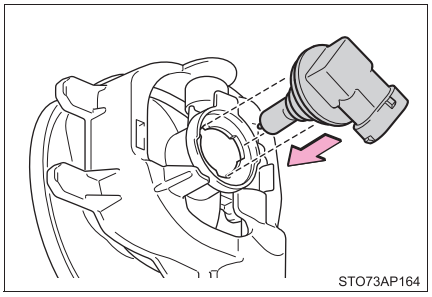


6 Turn the bulb base counter-clockwise.

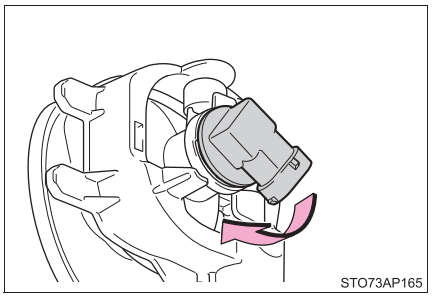


7 Set the new light bulb.

Align the 3 tabs on the light bulb with the mounting, and insert.

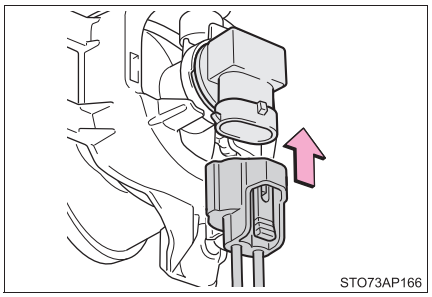


8 Turn and secure the bulb.



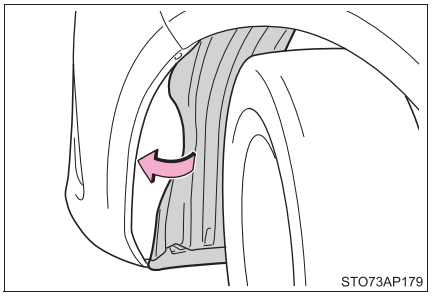
9 Install the connector.

Shake the bulb base gently to check that it is not loose, turn the front fog light, on once and visually confirm that no light is leaking through the mounting.

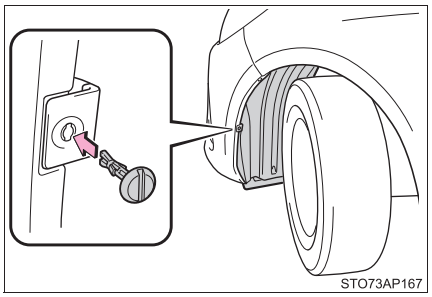


10 Reinstall the fender liner.

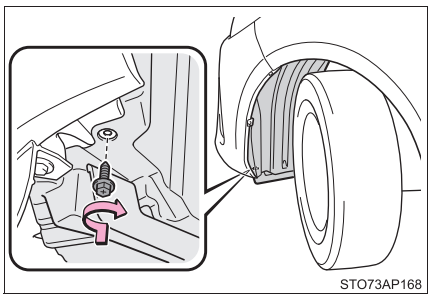
Attach the end of the fender liner to the inside of the front bumper.



11 Attach the fender liner retainer.

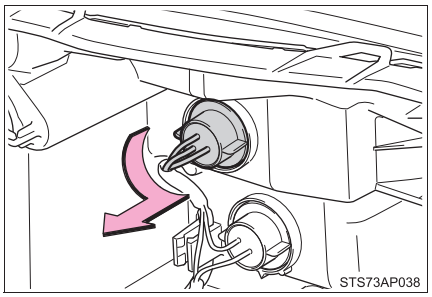


12 Install the screw.

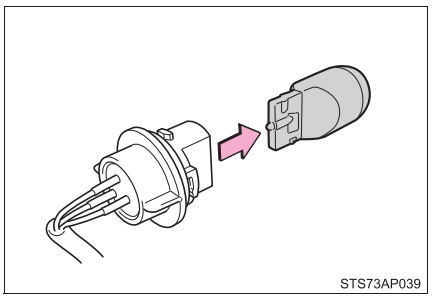


■ **Front position lights/daytime running lights (bulb type)**

1 Turn the bulb base counter-clockwise.



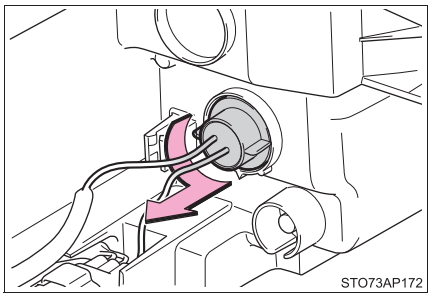
2 Remove the light bulb.



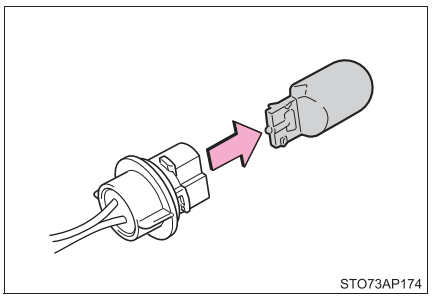
3 When installing, reverse the steps listed.

■ Front turn signal lights

1 Turn the bulb base counter-clockwise.



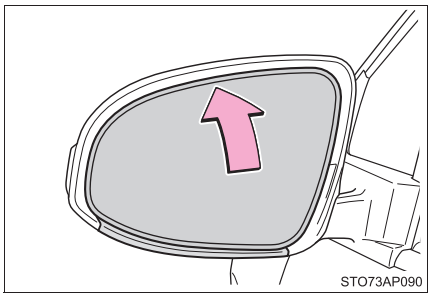
2 Remove the light bulb



3 When installing, reverse the steps listed.

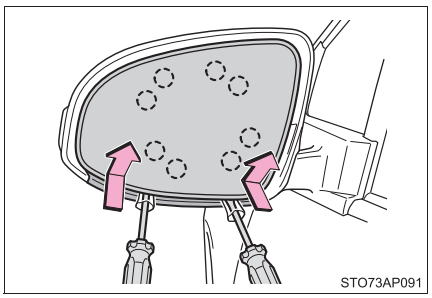
■ Side turn signal lights

1 Depress the mirror.

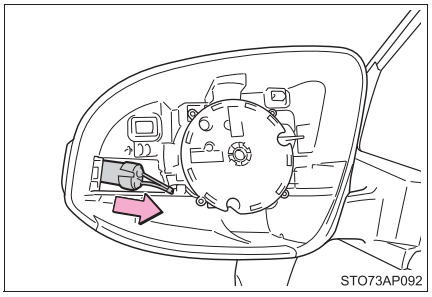


2 Remove the mirror.

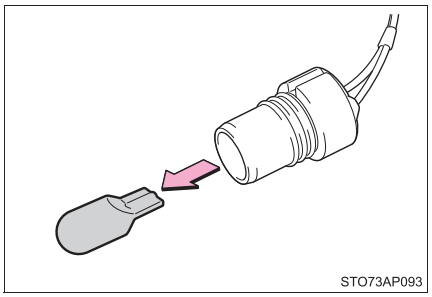
To prevent damaging the vehicle, wrap the screwdriver with a tape.



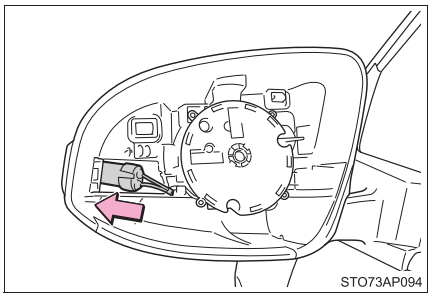
3 Remove the bulb base.



4 Remove the light bulb.



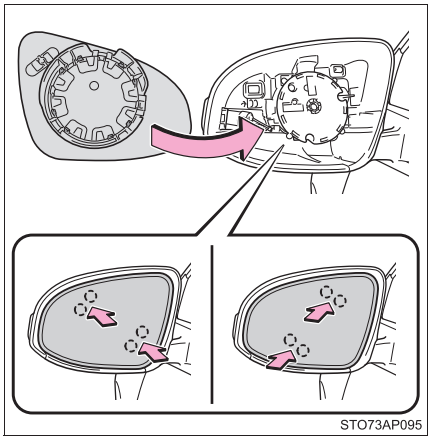
5 After installing the new bulb, secure the bulb base to the mirror body.


STO73AP094

6 Align the tabs, and secure the mirror by pushing in each diagonally-opposite pair of tabs in order.

Make sure to insert the tabs in order as shown in the illustration, and push them in until a click is heard.

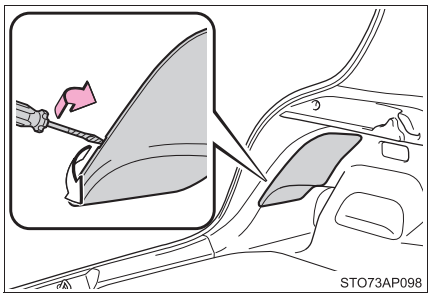
If you do not hear the click, do not force the tabs in. Instead, remove the mirror and check that the tabs are aligned.


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■ Stop/tail lights (bulb type), and rear turn signal lights

1 Open the back door and remove the cover.

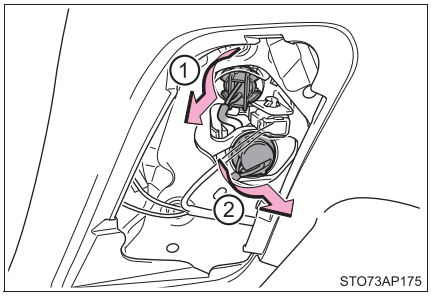
To prevent damaging the vehicle, wrap the screwdriver with a tape.



2 Turn the bulb base counterclockwise.

① Rear turn signal light

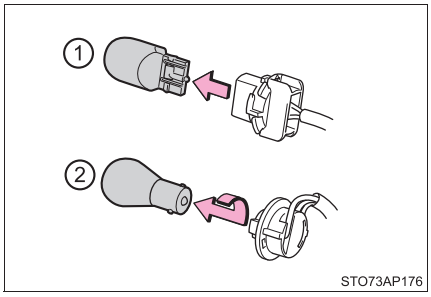
② Stop/tail light



3 Remove the light bulb.

① Rear turn signal light

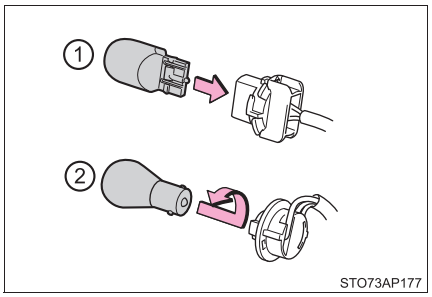
② Stop/tail light



4 Install the new bulb.

① Rear turn signal light

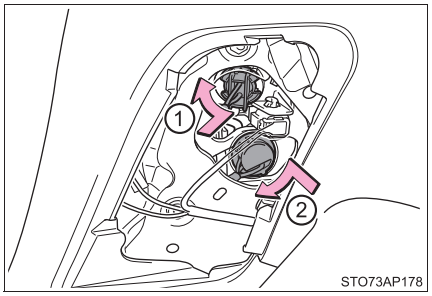
② Stop/tail light



5 Turn and secure the bulb base.

① Rear turn signal light

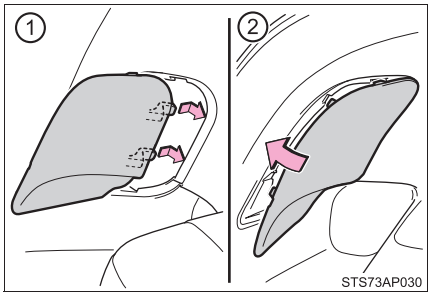
② Stop/tail light



6 Install the cover.

① Align the cover claws with the notches.

② Press the cover until it is fixed.



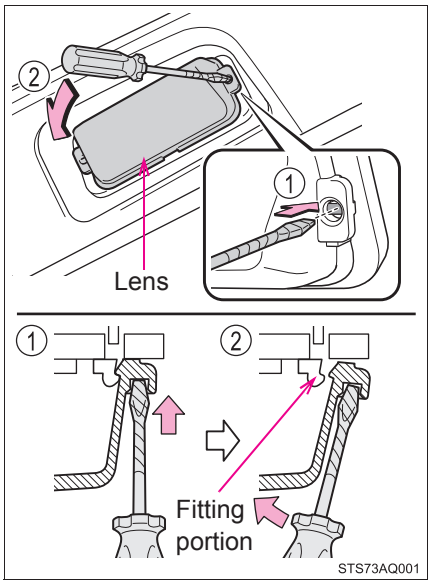
License plate light

1 Remove the lens.

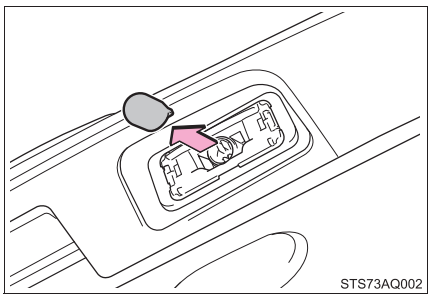
① Insert a small flathead screwdriver, etc., into either the right or left hole of the lens.

② Tilt the screwdriver in the direction of the arrow shown in the illustration so as to release the fitting portion, and then remove the lens.

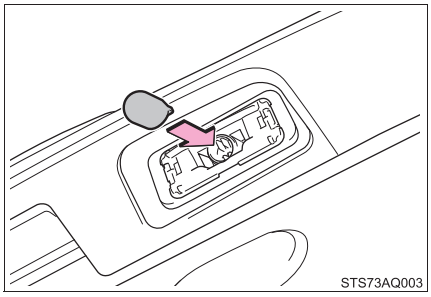
To prevent damage to the vehicle, wrap the tip of the screwdriver with tape.



2 Remove the light bulb.



3 Install a new light bulb.

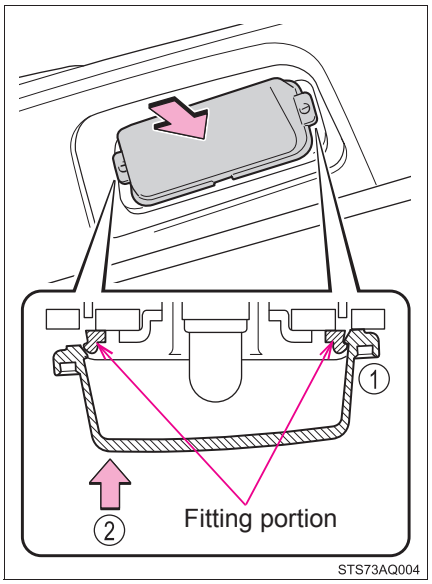


4 Install the lens.

① Fit the lens into either the right or left fitting portion.

② Push the lens into place.

After installation, confirm that the lens is properly installed by gently pulling it.

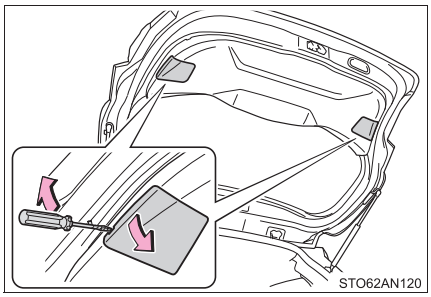


■ Back-up light

1 Open the back door and remove the cover.

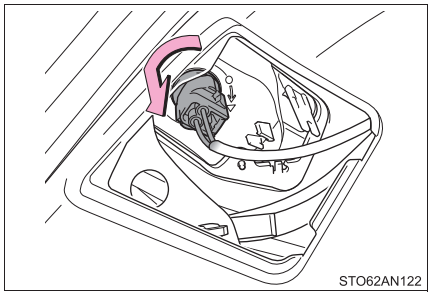
Press down on the notch on the cover and remove the cover.

It is recommended for safe-guarding to wrap the tip of the screwdriver with a cloth, etc., in order to prevent scratches to the vehicle.

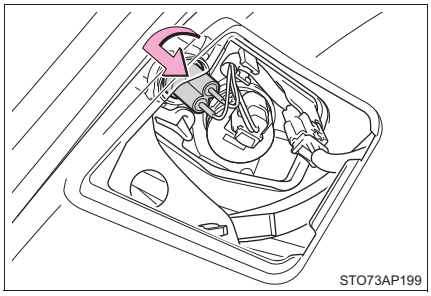

STO62AN120

2 Turn the bulb base counterclockwise.

▶ Type A

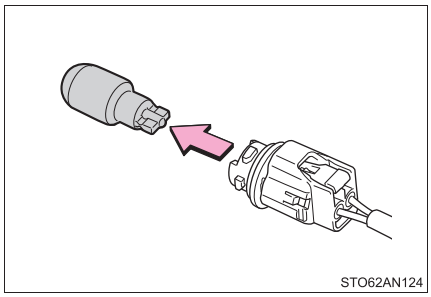

STO62AN122

▶ Type B

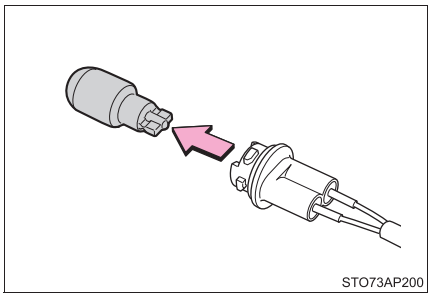

STO73AP199

3 Remove the light bulb.

▶ Type A

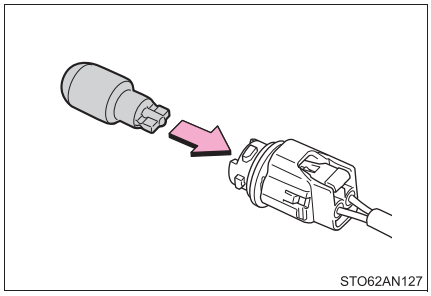

STO62AN124

▶ Type B

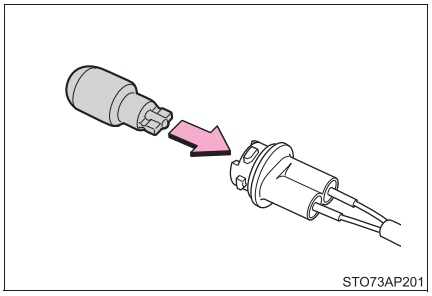

STO73AP200

4 Install a new light bulb.

▶ Type A

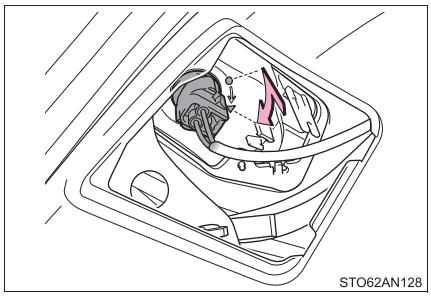


▶ Type B

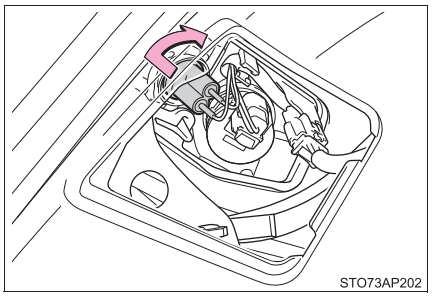


5 Install the bulb base.

▶ Type A

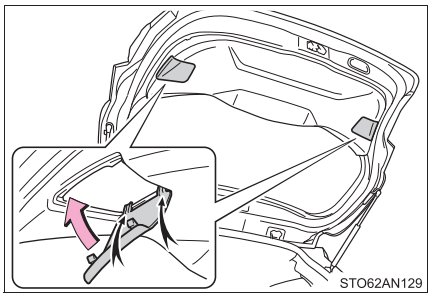


▶ Type B



6 Install the back door cover.

Align the cover 2 tabs on the cover and install.



7

Maintenance and care

■ **Replacing the following bulbs**

If any of the lights listed below has burnt out, have it replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- Front position lights and daytime running lights (LED type)
- Stop lights (LED type)
- Tail lights (LED type)
- High mounted stoplight
- Rear fog light

■ **LED Lights**

The front position lights and daytime running lights (LED type), stop lights (LED type), tail lights (LED type), high mounted stoplight and rear fog light consists of a number of LEDs. If any of the LEDs burn out, take your vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer to have the light replaced.

If one or more LEDs in a stop light burn out, your vehicle may not conform to local laws (ECE).

■ **Condensation build-up on the inside of the lens**

Temporary condensation build-up on the inside of the headlight lens does not indicate a malfunction. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for more information in the following situations:

- Large drops of water have built up on the inside of the lens.
- Water has built up inside the headlight.

■ **When replacing light bulbs**

→P. 484

WARNING

■ **Replacing light bulbs**

- Turn off the lights. Do not attempt to replace the bulb immediately after turning off the lights.
  The bulbs become very hot and may cause burns.
- Do not touch the glass portion of the light bulb with bare hands. When it is unavoidable to hold the glass portion, use and hold with a clean dry cloth to avoid getting moisture and oils on the bulb.
  Also, if the bulb is scratched or dropped, it may blow out or crack.
- 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.

■ **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.

When trouble arises 8

8-1. Essential information

Emergency flashers.....506

If your vehicle has to be stopped in an emergency.....507

8-2. Steps to take in an emergency

If your vehicle needs to be towed.....509

If you think something is wrong.....516

If a warning light turns on or a warning buzzer sounds.....517

If a warning message is displayed (vehicles with color display).....531

If you have a flat tire (vehicles with an emergency tire puncture repair kit).....537

If you have a flat tire (vehicles with a spare tire).....556

If the hybrid system will not start.....571

If the electronic key does not operate properly (vehicles with a smart entry & start system).....573

If the vehicle 12-volt battery is discharged.....576

If your vehicle overheats.....581

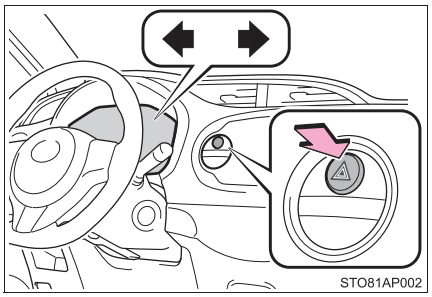
If the vehicle becomes stuck.....587

Emergency flashers

The emergency flashers are used to warn other drivers when the vehicle has to be stopped in the road 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 lever to N.

▶ If the shift lever is shifted to N

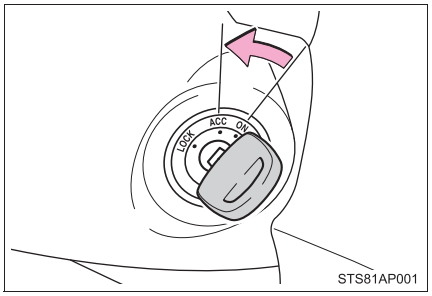
3 After slowing down, stop the vehicle in a safe place by the road.

4 Stop the hybrid system.

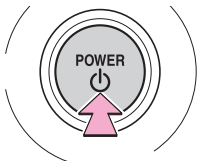
▶ If the shift lever cannot be shifted to N

3 Keep depressing the brake pedal with both feet to reduce vehicle speed as much as possible.

4 Vehicles without a smart entry & start system: Stop the hybrid system by turning the power switch to the “ACC” position.



4 Vehicles with a smart entry & start system: To stop the hybrid system, press and hold the power switch for 3 consecutive seconds or more, or press it briefly 3 times or more in succession.



Press and hold for 3 seconds or more, or press briefly 3 times or more

CTY52AD214

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.
- Vehicles without a smart entry & start system: Never attempt to remove the key, as doing so will lock the steering wheel.

If your vehicle needs to be towed

If towing is necessary, we recommend having your vehicle towed by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or commercial towing service, using a wheel-lift type truck or flatbed truck.
Use a safety chain system for all towing, and abide by all state/provincial and local laws.

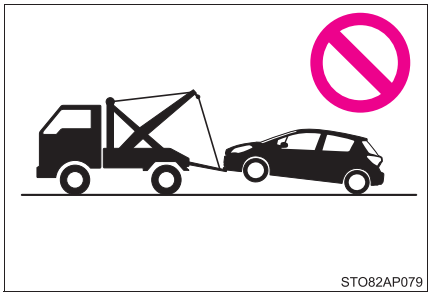
Situations when it is necessary to contact dealers before towing

The following may indicate a problem with your transmission. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or commercial towing service before towing.

- The hybrid system warning light turns on (vehicles with monochrome display) or warning message shown on the multi-information display (vehicles with color display) and the vehicle does not move.
- The vehicle makes an abnormal sound.

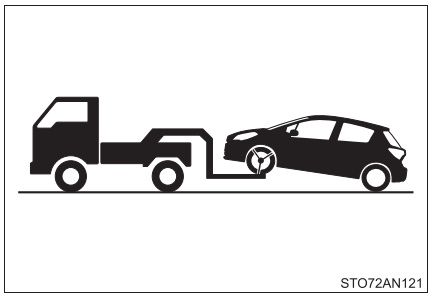
Towing with a sling-type truck

Do not tow with a sling-type truck to prevent body damage.



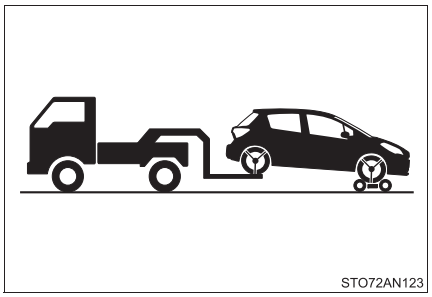
Towing with a wheel-lift type truck

▶ From the front



Release the parking brake.

▶ From the rear

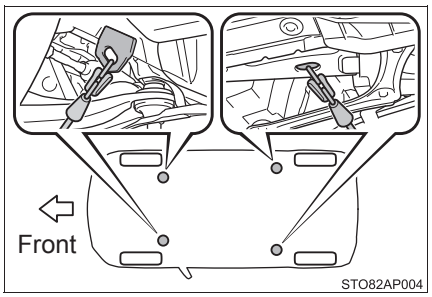


Use a towing dolly under the front wheels.

Using a flatbed truck

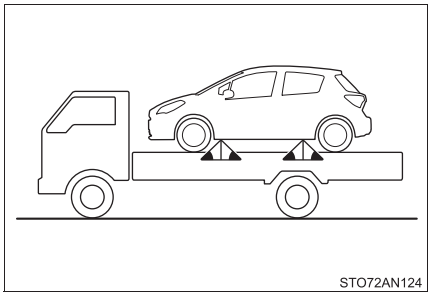
If your vehicle is transported by a flatbed truck, it should be tied down at the locations shown in the illustration.

After transporting, return the covers that were attached to the rear side.



If you use chains or cables 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 cables or chains secured to the emergency towing eyelets. This should only be attempted on hard surfaced roads for short distances at under 30 km/h (18 mph).
A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

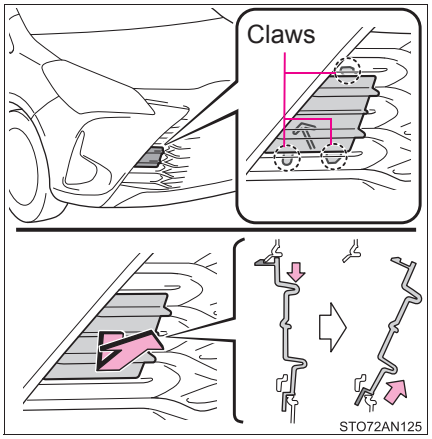
Emergency towing procedure

1 Take out the towing eyelet. (→P. 539, 557)

2 Remove the eyelet cover.

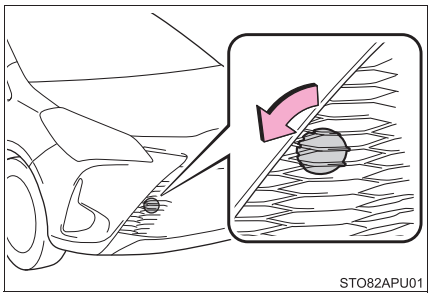
▶ Type A

Push down the upper part of the eyelet cover remove the upper claw, and then pull on the eyelet cover to disengage it from the front grille.



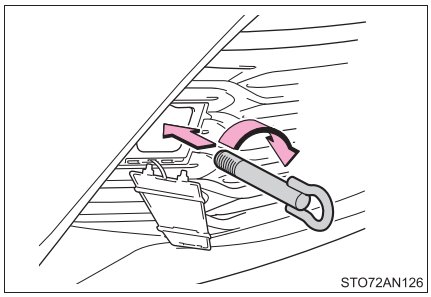
▶ Type B

Turn the eyelet cover.

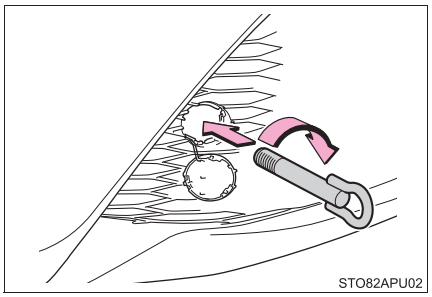


3 Insert the towing eyelet into the hole and tighten partially by hand.

▶ Type A



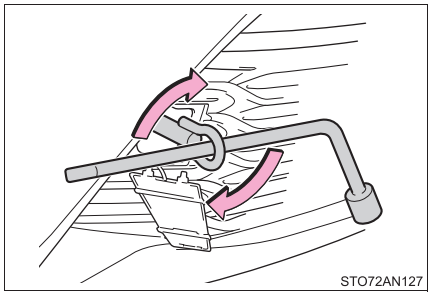
▶ Type B



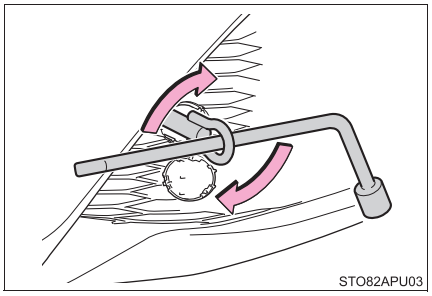
4 Tighten down the towing eyelet securely using a wheel nut wrench* or hard metal bar.

*: If a wheel nut wrench is not equipped, a wheel nut wrench can be purchased at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

▶ Type A



▶ Type B



5 Securely attach cables or chains to the towing eyelet.

Take care not to damage the vehicle body.

6 Vehicles without a smart entry & start system: Enter the vehicle being towed and start the hybrid system.

If the hybrid system does not start, turn the power switch to the “ON” position.

Vehicles with a smart entry & start system: 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 lever to N and release the parking brake.

When the shift lever cannot be shifted: →P. 234

■ **While towing**

If the hybrid system is off, the power assist for the brakes and steering will not function, making steering and braking more difficult.

■ **Wheel nut wrench**

- Vehicles with a wheel nut wrench: Wheel nut wrench is installed in the luggage. (→P. 539, 557)
- Vehicles without a wheel nut wrench: Wheel nut wrench can be purchased at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

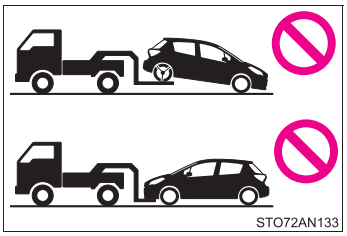
WARNING

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

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 drive-train 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.


STO72AN133

While towing

- When towing using cables or chains, avoid sudden starts, etc. which place excessive stress on the towing eyelets, cables or chains. The towing eyelets, cables or chains may become damaged, broken debris may hit people, and cause serious damage.
- Vehicles without a smart entry & start system: Do not turn the power switch to the “LOCK” position.
  There is a possibility that the steering wheel is locked and cannot be operated.
- Vehicles with a smart entry & start system: Do not turn the power switch off.
  There is a possibility that the steering wheel is locked and cannot be operated.

Installing towing eyelet to the vehicle

Make sure that towing eyelet is installed securely.
If not securely installed, towing eyelet may come loose during towing.

NOTICE

To prevent damage to the vehicle when towing using a wheel-lift type truck

- Vehicles without a smart entry & start system: Do not tow the vehicle from the rear when the power switch in the “LOCK” position or the key is removed.
  The steering lock mechanism is not strong enough to hold the front wheels straight.
- Vehicles with a smart entry & start system: Do not tow the vehicle from the rear when the power switch is off. The steering lock mechanism is not strong enough to hold the front wheels straight.
- When raising the vehicle, ensure adequate ground clearance for towing at the opposite end of the raised vehicle. Without adequate clearance, the vehicle could be damaged while being towed.

To prevent damage to the vehicle when towing with a sling-type truck

Do not tow with a sling-type truck, either from the front or rear.

To prevent damage to the vehicle during emergency towing

Do not secure cables or chains to the suspension components.

If you think something is wrong

If you notice any of the following symptoms, your vehicle probably needs adjustment or repair. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

Visible symptoms

- Fluid leaks under the vehicle
  (Water dripping from the air conditioning after use is normal)
- Flat-looking tires or uneven tire wear
- Vehicles with monochrome display: High engine coolant temperature warning light flashes or comes on
  Vehicles with color display: Engine coolant temperature gauge needle continually points higher than normal

Audible symptoms

- Changes in exhaust sound
- Excessive tire squeal when cornering
- Strange noises related to the suspension system
- Pinging or other noises related to the hybrid system

Operational symptoms

- Engine misfire, stumbling or running roughly
- Appreciable loss of power
- Vehicle pulls heavily to one side when braking
- Vehicle pulls heavily to one side when driving on a level road
- Loss of brake effectiveness, spongy feeling, pedal almost touches the floor

If a warning light turns on or a warning buzzer sounds

Calmly perform the following actions if any of the warning lights comes on or flashes. If a light comes on or flashes, but then goes off, this does not necessarily indicate a malfunction in the system. However, if this continues to occur, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Warning light and warning buzzer list

Warning light	Warning light/Details/Actions
*1  (Red)	**Brake system warning light (warning buzzer)** • Low brake fluid • Malfunction in the brake system 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. → **Immediately stop the vehicle in a safe place and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Continuing to drive the vehicle may be dangerous.**
*4  *5 	**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 retailer or Toyota authorized repairer, or any reliable repairer.**

Warning light	Warning light/Details/Actions
*4  *5 	**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 retailer or Toyota authorized repairer, or any reliable repairer.**
*4  (Red warning light flashers or comes on) *5 	**High engine coolant temperature warning light** Indicates that the engine is overheating. As the coolant temperature rises, it changes from flashing to steady on. → **P. 581**
*4 	**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 retailer or Toyota authorized repairer, or any reliable repairer.**
	**Malfunction indicator lamp** Indicates a malfunction in: • The hybrid system; • The hybrid transmission control system; • The electronic engine control system; • The electronic throttle control system; or • The emission control system. → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer 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 retailer or Toyota authorized repairer, or any reliable repairer immediately.**

Warning light	Warning light/Details/Actions
	**ABS warning light** Indicates a malfunction in: • The ABS; or • The brake assist system. → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**
	**Electric power steering system warning light (warning buzzer)** Indicates a malfunction in the EPS (Electric Power Steering) system. → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**
	**PCS warning light (if equipped)** When the warning light flashes (and a buzzer sounds): Indicates a malfunction in the PCS (Pre-Crash Safety system) → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.** When the warning light illuminates: Indicates that the PCS (Pre-Crash Safety system) is temporarily unavailable, possibly due to either of the following: • The part of the windshield around the front sensor being dirty, fogged up or covered with condensation, ice, stickers, etc. → **Clear the dirt, fog, condensation, ice, stickers, etc. (→P. 259)** • Front sensor temperature being outside of its operational range → **Wait for a while until the area around the front sensor has cooled down sufficiently.** • Either the VSC (Vehicle Stability Control) system or PCS (Pre-Crash Safety system) is disabled or both are disabled. → **To enable the PCS, enable both the VSC system and PCS. (→P. 266, 305)**

Warning light	Warning light/Details/Actions
	**Slip indicator** Indicates a malfunction in: • The VSC system; • The TRC system; or • The hill-start assist control. → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**
*4  (Yellow)	**Automatic High Beam indicator (if equipped)** Indicates a malfunction in the Automatic High Beam system. → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**
 (Yellow)	**Brake system warning light** Indicates a malfunction in: • The regenerative brake system; or • The electronically controlled brake system. → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**
*4  (Yellow)	**Cruise control indicator (if equipped)** Indicates a malfunction in the cruise control system. → **P. 301**
*4  (Yellow) *4  (Yellow)	**LDA indicator and Lane marker indicators (if equipped)** Indicates a malfunction in the LDA system. → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**

Warning light	Warning light/Details/Actions
*4  (Flashes in yellow for 15 seconds.)	**Smart entry & start system indicator (if equipped)** Indicates a malfunction in the smart entry & start system. → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**
*4 	**Low traction battery warning light (warning buzzer)** Indicates that the hybrid battery (traction battery) is low. → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**
*2, 4 	**Open door warning light (warning buzzer)** Indicates that one or more of the doors is not fully closed. → **Check that all the side doors and back door are closed.**
	**Low fuel level warning light** Indicates that remaining fuel is about 5.2 L (1.4 gal., 1.1 Imp. gal.) or less. → **Refuel the vehicle.**
*3 	**Driver's and front passenger's seat belt reminder light (warning buzzer)** Warns the driver and front passenger to fasten their seat belts. → **Fasten the seat belt.** **If the 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.**
*3  (On the center panel)	**Rear passengers' seat belt reminder lights (warning buzzer)** Warns the rear passengers to fasten their seat belts. → **Fasten the seat belt.**

Warning light	Warning light/Details/Actions
	**Tire pressure warning light (if equipped)** When the light comes on: Low tire inflation pressure such as • Natural causes (→P. 525) • Flat tire (→P. 537, 556) → **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 retailer or Toyota authorized repairer, or any reliable repairer.** When the light comes on after blinking for 1 minute: Malfunction in the tire pressure warning system. (→P. 526) → **Have the system checked by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**
*5 	**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. 531**
*4 	**Hybrid system overheat warning light (warning buzzer)** Indicates that the hybrid system has overheated. This light may come on when driving under severe operating conditions. (For example, when driving up a long steep hill.) → **Stop and check. (→P. 581)**

Warning light	Warning light/Details/Actions
	P position request warning light (warning buzzer) An attempt was made to start the hybrid system. → **Shift the shift lever to P.**
*4 	**P position request warning light (warning buzzer)** • Indicates that the driver's door was opened with the shift lever in N, D or B. → **Shift the shift lever to P.** • Indicates that the hybrid battery (traction battery) power has dropped because a long period of time has elapsed after shifting the shift lever to N. → **Shift the shift lever to P and restart the hybrid system when starting the vehicle.**

*1: 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: Open door warning buzzer:
A buzzer will sound if the vehicle reaches a speed of 5 km/h (3 mph) or more with any door open.

*3: Driver's and passenger's seat belt buzzer:
The driver's and passenger's seat belt buzzer sounds to alert the driver and passenger that his or her seat belt is not fastened. The buzzer sounds for 30 seconds after the vehicle reaches a speed of at least 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.

*4: Vehicles with monochrome display

*5: Vehicles with color display

Other warning light (vehicles with monochrome display)

Carrying out the corresponding action turns the warning light off.

Warning light	Warning light/Details/Actions
	**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. → **If the air intake vent is dirty, refer to P. 420 for cleaning the air intake vent.** → **If the warning light comes on and the air intake vent is not dirty, have the vehicle inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**

■ Passenger detection sensor and passenger seat belt reminder

- If luggage is placed on a passenger seat, the passenger detection sensor may cause the warning light to flash even if a passenger is not sitting in the seat.
- If a cushion is placed on the seat, the sensor may not detect a passenger, and the warning light may not operate properly.

■ Warning light operations for unfastened rear passenger seat belts

- When opening and closing the rear door, the warning light comes on for approximately 34 seconds.
- When any of the rear seat belts are unfastened, the warning light comes on. When the rear doors are opened and closed while the warning light is on, the warning light will turn off after approximately 34 seconds.

■ If the malfunction indicator lamp comes on while driving

For some models, the malfunction indicator lamp will come on if the fuel tank becomes completely empty. If the fuel tank is empty, refuel the vehicle immediately. The malfunction indicator lamp will go off after several trips.

If the malfunction indicator lamp does not go off, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

■ **Warning buzzer**

In some cases, the buzzer may not be heard because of noisy place or an audio sound.

■ **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 sounds.

■ **When the tire pressure warning light comes on (vehicles with a tire pressure warning system)**

Inspect the appearance of the tire to check that the tire is not punctured.

If the tire is punctured: →P. 537, 556

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.

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 (vehicles with a tire pressure warning system)**

The tire pressure warning light may come on due to natural causes such as natural air leaks and tire inflation pressure changes caused by temperature. In this case, adjusting the tire inflation pressure will turn off the warning light (after a few minutes).

■ **When a tire is replaced with a spare tire (include compact spare tire) (vehicles with a tire pressure warning system)**

The spare tire (include 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 (vehicles with tire pressure warning system)**

→P. 457

■ **If the tire pressure warning light frequently comes on after blinking for 1 minute (vehicles with a tire pressure warning system)**

If the tire pressure warning light frequently comes on after blinking for 1 minute when the power switch is turned on, have it checked by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

■ **If both the ABS and the brake system warning lights remain on**

Stop your vehicle in a safe place immediately and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. The vehicle will become extremely unstable during braking, and the ABS system may fail, which could cause an accident resulting in death or serious injury.

■ **When the electric power steering system warning light comes on**

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 (vehicles with a tire pressure warning system)**

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 spare tire: If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If a tire is flat, change it with the spare tire and have the flat tire repaired by the nearest any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Vehicles with emergency tire puncture repair kit: If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If a tire is flat, repair the flat tire by using emergency tire puncture repair kit. (→P. 537)
- 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 (vehicles with a tire pressure warning system)**

The tire pressure warning system may not activate immediately.

NOTICE

■ **To ensure the tire pressure warning system operates properly (vehicles with a tire pressure warning system)**

Do not install tires with different specifications or makers, as the tire pressure warning system may not operate properly.

Follow the correction procedures (vehicles with a smart entry & start system and with monochrome display).

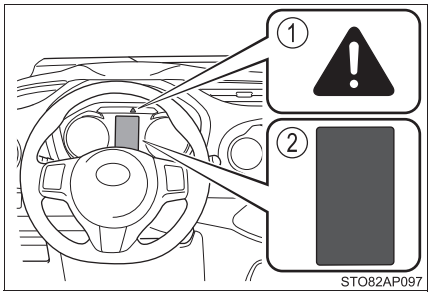
After taking the specified steps to correct the suspected problem, check that the warning light goes off.

Interior buzzer	Exterior buzzer	Warning light	Warning light/Details/Actions
Continuous	Continuous	 (Flashes in yellow)	**Smart entry & start system indicator** 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. → **Change the shift position to P.** → **Bring the electronic key back into the vehicle.**
Once	3 times	 (Flashes in yellow)	**Smart entry & start system indicator** 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.**
Once	3 times	 (Flashes in yellow)	**Smart entry & start system indicator** Indicates that a door other than the driver's door has been opened and closed with the power switch in any mode other than off and the electronic key outside of the detection area. → **Confirm the location of the electronic key.**
Once	Continuous (5 seconds)	 (Flashes in yellow)	**Smart entry & start system indicator** 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.**

Interior buzzer	Exterior buzzer	Warning light	Warning light/Details/Actions
Once	—	 (Flashes in yellow for 15 seconds.)	**Smart entry & start system indicator** Indicates that the electronic key is not present when attempting to start the hybrid system. → **Confirm the location of the electronic key.**
9 times	—	 (Flashes in yellow)	**Smart entry & start system indicator** An attempt was made to drive when the regular key was not inside the vehicle. → **Confirm that the electronic key is inside the vehicle.**
Once	—	 (Flashes in yellow for 15 seconds.)	**Smart entry & start system indicator** Indicates that the electronic key battery is low. → **Replace the battery. (→P. 477)**
Once	—	 (Flashes quickly in green for 15 seconds.)	**Smart entry & start system indicator** Indicates that the steering lock has not been released. → **Release the steering lock. (→P. 226)**
Once	—	 (Flashes in yellow for 30 seconds.)	**Smart entry & start system indicator** • 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.**

If a warning message is displayed (vehicles with color display)

The multi-information display shows warnings of system malfunctions, incorrectly performed operations, and messages that indicate a need for maintenance.
When a message is shown, perform the correction procedure appropriate to the message.



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 messages are shown again after the following actions have been performed, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

*: The master warning light may not come on or flash when a warning message is displayed.

Messages and warnings

The warning lights and warning buzzers operate as follows depending on the content of the message. If a message indicates the need for inspection by a dealer, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

	System warning light	Warning buzzer*	Warning
Comes on	—	Sounds	Indicates an important situation, such as when a system related to driving is malfunctioning or that danger may result if the correction procedure is not performed
—	Comes on or flashes	Sounds	Indicates an important situation, such as when the systems shown on the multi-information display may be malfunctioning
Flashes	—	Sounds	Indicates a situation, such as when damage to the vehicle or danger may result
Comes on	—	Dose not sound	Indicates a condition, such as malfunction of electrical components, their condition, or indicates the need for maintenance
Flashes	—	Dose not sound	Indicates a situation, such as when an operation has been performed incorrectly, or indicates how to perform an operation correctly

*: A buzzer sounds the first time a message is shown on the multi-information display.

■ **Warning messages**

The warning messages explained below may differ from the actual messages according to operation conditions and vehicle specifications.

■ **If “Visit your dealer” is shown**

The system or part shown on the multi-information display is malfunctioning.

Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **If a message about an operation is shown**

● If a message about an operation of the power switch is shown

An instruction for operation of the power switch is shown when the incorrect procedure for starting the engine is performed or the power switch is operated incorrectly. Follow the instructions shown on the multi-information display to operate the power switch again.

● If a message about a shift lever operation is shown

To prevent the shift lever from being operated incorrectly or the vehicle from moving unexpectedly, a message that requires shifting the shift lever may be shown on the multi-information display. In that case, follow the instruction of the message and shift the shift lever.

● If a message or image about an open/close state of a part or replenishment of a consumable is shown

Confirm the part indicated by the multi-information display or a warning light, and then perform the coping method such as closing the open door or replenishing a consumable.

■ **If “See owner’s manual” is shown**

If “Hybrid system malfunction. Stop in a safe place. See owner’s manual.” is shown, there may be a malfunction. Immediately have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **If “Maintenance required for Traction battery cooling parts. See owner’s manual” is shown**

The filter may be clogged, the air intake vent may be blocked or there may be a gap in the duct.

If the air intake vent is dirty, refer to P. 420 for cleaning the air intake vent.

If the message is being displayed and the air intake vent is not dirty, have the vehicle inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **If “Charging system malfunction. Stop in a safe place. See owner’s manual.” is shown**

Indicates a malfunction in the vehicle’s charging system. Immediately stop the vehicle in a safe place and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Continuing to drive the vehicle may be dangerous.

■ **If “Engine oil pressure low” is shown**

Indicates that the engine oil pressure is too low. Immediately stop the vehicle in a safe place and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **If “Hybrid system overheated. Reduced output power.” is shown**

This message may be shown when driving under severe operating conditions. (For example, when driving up a long steep hill.)

Handling method: →P. 581

■ **If “Hybrid battery low. Hybrid system stopped. Shift to P and restart.” is shown**

Message is displayed when the remaining charge for the hybrid battery (traction battery) is low, because vehicle has been shifted to N for a long period of time.

When operating the vehicle, shift to P and restart the hybrid system.

■ **If “Hybrid battery low. Shift out of N to recharge.” is shown**

Message is displayed when the remaining charge for the hybrid battery (traction battery) is low.

As the hybrid battery (traction battery) cannot be charged when the shift lever is in N, when stopped for long periods of time shift the shift lever to P.

■ **If “Shift is in N. Release accelerator before shifting.” is shown**

Message is displayed when the accelerator pedal has been depressed and the shift lever is in N.

Release the accelerator pedal and shift the shift lever to D or R.

■ **If “Auto power off to conserve battery” is shown**

The power switch has been turned off by the automatic power off function.

When starting the hybrid system next time, operate the hybrid system for approximately 5 minutes to recharge the 12-volt battery

■ **If “Front camera unavailable.” or “Front camera vision blocked. Clean and demist windshield.” is displayed.**

The following systems may be suspended until the problem shown in the message is resolved.

- PCS (Pre-Crash Safety system)*
- LDA (Lane Departure Alert)*
- Automatic High Beam*
- RSA (Road Sign Assist)*

*: If equipped

■ **If “Low 12V sub battery level.” is shown.**

Message is displayed when the remaining charge for the 12-volt battery is low.

Charge or replace the 12-volt battery.

■ **Warning buzzer**

→P. 525

If you have a flat tire (vehicles with an emergency tire puncture repair kit)

Your vehicle is not equipped with a spare tire, but instead is equipped with an emergency tire puncture repair kit.
A puncture caused by a nail or screw passing through the tire tread can be repaired temporarily using the emergency tire puncture repair kit. (The kit contains a bottle of sealant. The sealant can be used only once to temporarily repair one tire without removing the nail or screw from the tire.) Depending on the damage, this kit cannot be used to repair the tire. (→P. 538)

After temporarily repairing the tire with the kit, have the tire repaired or replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Repairs conducted using the emergency tire puncture repair kit are only a temporary measure. Have the tire repaired and replaced as soon as possible.

⚠ WARNING

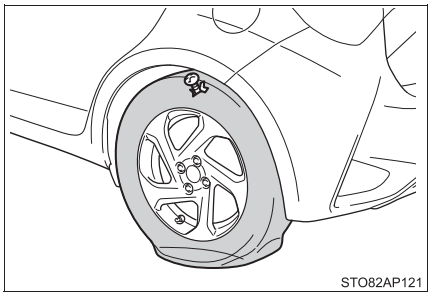
■ **If you have a flat tire**

Do not continue driving with a flat tire.
Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair, which could result in an accident.

Before repairing the tire

- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift lever to P.
- Stop the hybrid system.
- Turn on the emergency flashers. (→P. 506)
- 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.



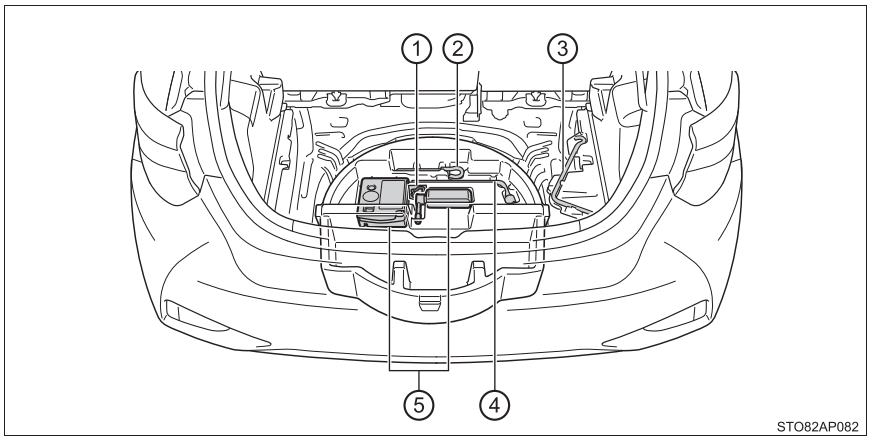
- Do not remove the nail or screw from the tire. Removing the object may widen the opening and disenable emergency repair with the kit.
- To avoid sealant leakage, move the vehicle until the area of the puncture, if known, is positioned at the top of the tire.

A flat tire that cannot be repaired with the emergency tire puncture repair kit

In the following cases, the tire cannot be repaired with the emergency tire puncture repair kit. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- When the tire is damaged due to driving without sufficient air pressure
- When there are any cracks or damage at any location on the tire, such as on the side wall, except the tread
- When the tire is visibly separated from the wheel
- When the cut or damage to the tread is 4 mm (0.16 in.) long or more
- When the wheel is damaged
- When two or more tires have been punctured
- When more than 2 sharp objects such as nails or screws have passed through the tread on a single tire
- When the sealant has expired

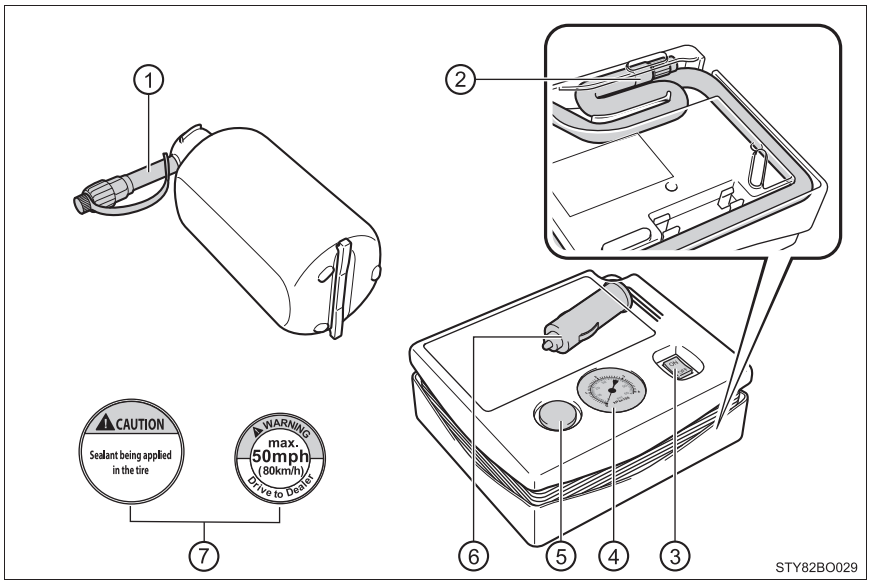
Location of the emergency tire puncture repair kit



① Wheel cap clip (if equipped)
② Towing eyelet
③ Jack handle*
④ Wheel nut wrench*
⑤ Emergency tire puncture repair kit

*: Use of the jack, jack handle and wheel nut wrench. (if equipped) (→P. 557)
A jack, jack handle and wheel nut wrench can be purchased at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Emergency tire puncture repair kit components

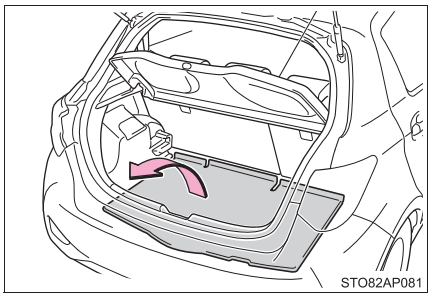


① Nozzle
② Hose
③ Compressor switch
④ Air pressure gauge
⑤ Pressure release button
⑥ Power plug
⑦ Stickers

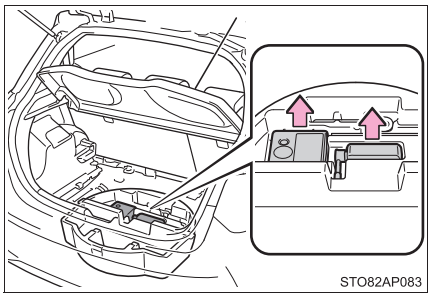
Taking out the emergency tire puncture repair kit

1 Vehicles with a deck board: Lift the deck board and pull it toward you to remove it. (→P. 405)

2 Remove the luggage floor cover.



3 Take out the emergency tire puncture repair kit.



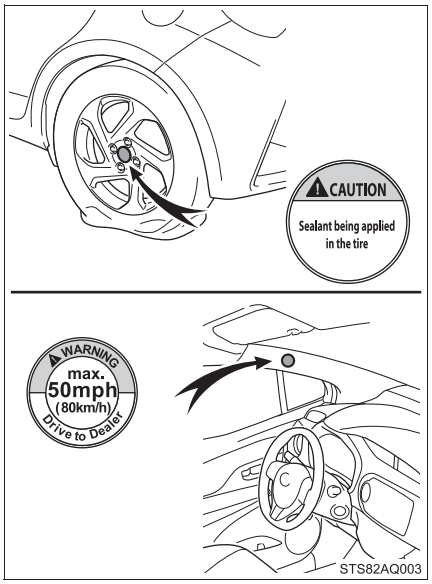
Emergency repair method

1 Take out the repair kit from the tool box.

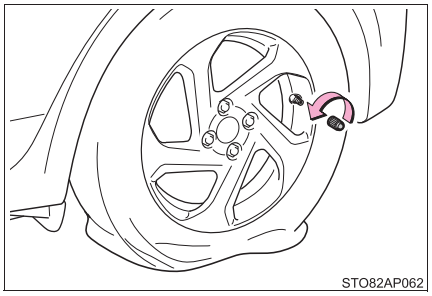
When taking out the bottle from the original bag, do not tear or discard the bag.

2 Attach the 2 stickers as shown.

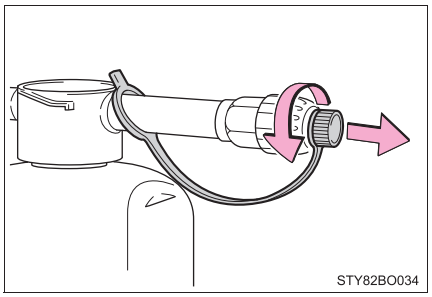
Remove any dirt and moisture from the wheel before attaching the label. If it is impossible to attach the label, make sure to tell any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer when you have them repair and replace the tire that sealant is injected.



3 Remove the valve cap from the valve of the punctured tire.



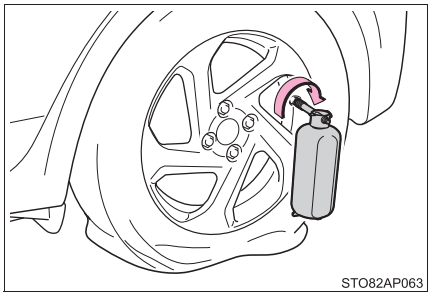
4 Remove the cap from the nozzle.



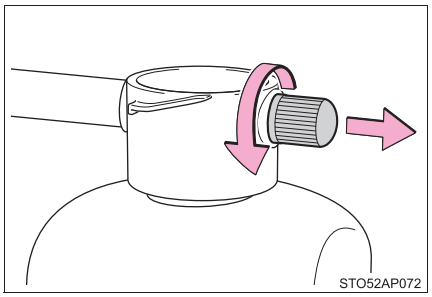
5 Connect the nozzle to the valve.

Screw the end of the nozzle clockwise as far as possible.

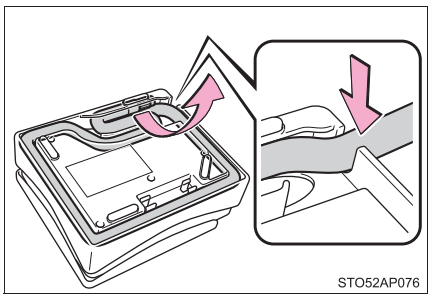
The bottle should hang vertically without contacting the ground. If the bottle does not hang vertically, move the vehicle so that the tire valve is located properly.



6 Remove the cap from the bottle.

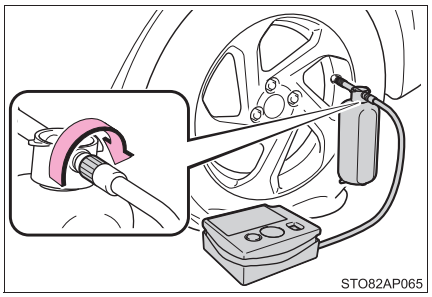


7 Pull the hose out from the compressor.

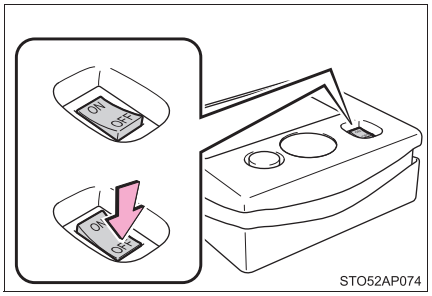


8 Connect the bottle to the compressor.

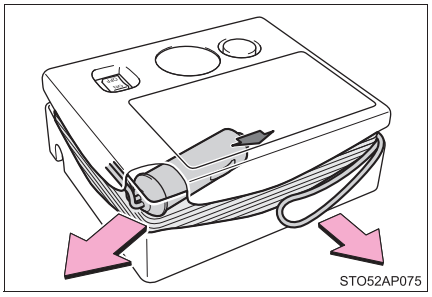
Screw the end of the hose clockwise as far as possible.



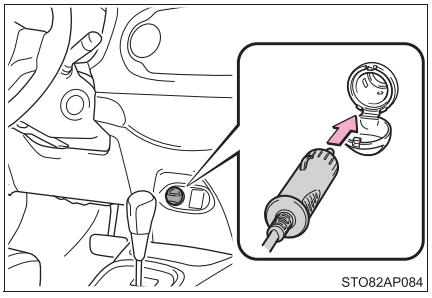
9 Make sure that the compressor switch is off.



10 Remove the power plug from the compressor.

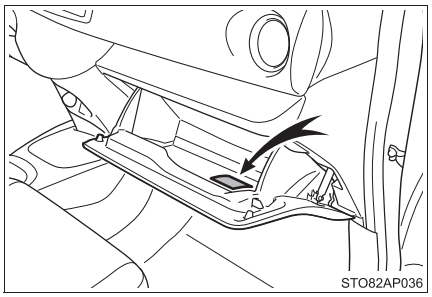


11 Connect the power plug to the power outlet socket or cigarette lighter socket. (→P. 409, 410)



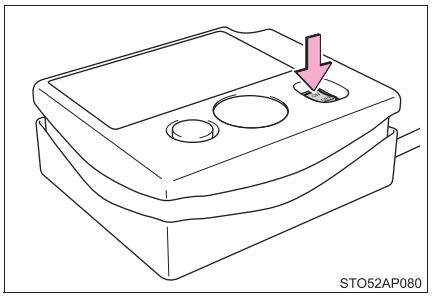
12 Check the specified tire inflation pressure.

Tire inflation pressure is specified on the label in the glove box.
(→P. 598)

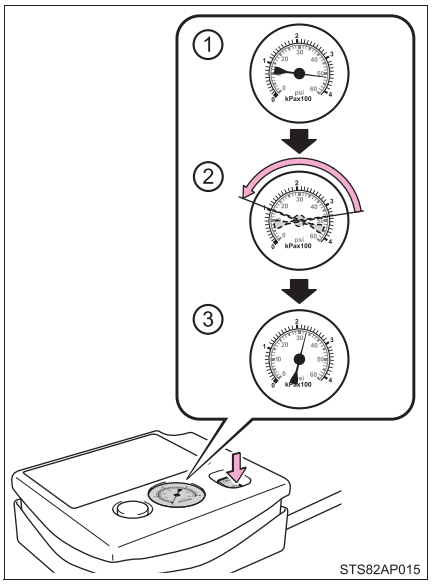


13 Start the hybrid system.

14 To inject the sealant and inflate the tire, turn the compressor switch on.



15 Inflate the tire until the specified air pressure is reached.



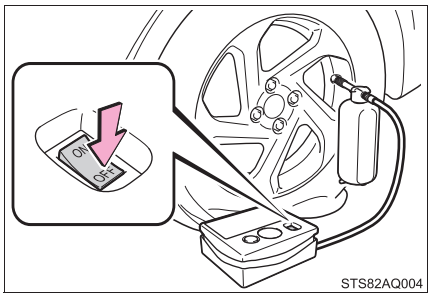
① The sealant will be injected and the pressure will surge and then gradually decrease.

② The air pressure gauge will display the actual tire inflation pressure about 1 minute (5 minutes at low temperature) after the switch is turned on.

③ Inflate the tire until the specified air pressure.

- If the tire inflation pressure is still lower than the specified point after inflation for 35 minutes with the switch on, the tire is too damaged to be repaired. Turn the compressor switch off and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- If the tire inflation pressure exceeds the specified air pressure, let out some air to adjust the tire inflation pressure. (→P. 550, 598)

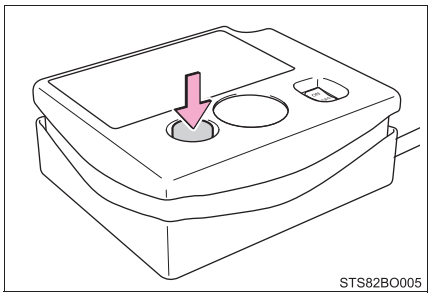
16 Turn the compressor off.



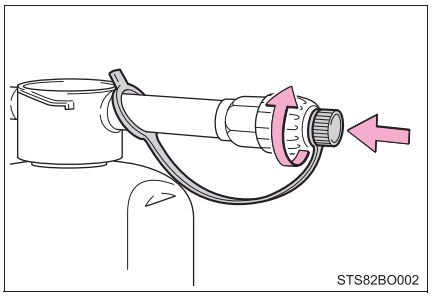
17 Disconnect the nozzle from the valve on the tire and then pull out the power plug from the power outlet socket or cigarette lighter.

Some sealant may leak when the nozzle is removed.

18 Press the button to release pressure from the bottle.



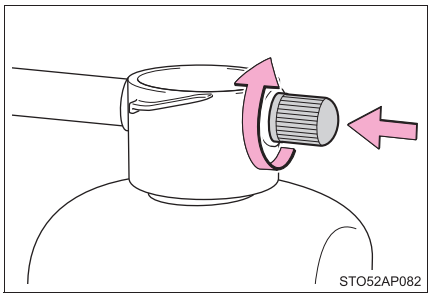
19 Attach the cap to the nozzle.



20 Install the valve cap onto the valve of the emergency repaired tire.

21 Disconnect the hose from the bottle and attach the cap to the bottle.

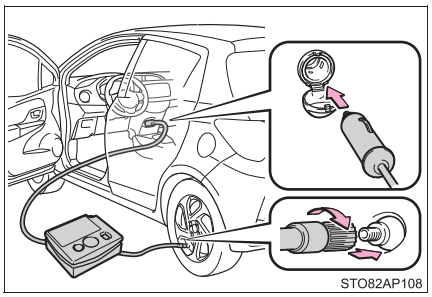
Place the bottle in the original bag and zip it.



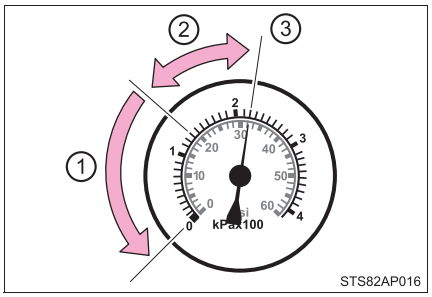
22 Temporarily store the bottle and compressor in the luggage compartment.

23 To spread the liquid sealant evenly within the tire, immediately drive safely for about 5 km (3 miles) below 80 km/h (50 mph).

24 After driving for about 5 km (3 miles), stop your vehicle in a safe place on a hard, flat surface and connect the compressor.



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

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 26.

③ If the tire inflation pressure is the specified air pressure (→P. 598): Proceed to 27.

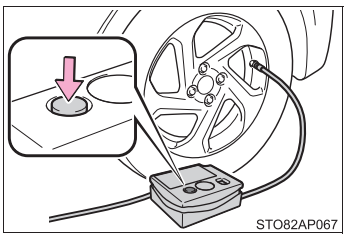
26 Turn the compressor switch on to inflate the tire until the specified air pressure is reached. Drive for about 5 km (3 miles) and then perform 24.

27 Store the compressor in the luggage compartment.

28 Taking precautions to avoid sudden braking, sudden acceleration and sharp turns, drive carefully at under 80 km/h (50 mph) to the nearest any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for tire repair or replacement.

■ **If the tire is inflated to more than the specified air pressure**

1 Press the button to let some air out.



2 Check that the air pressure indicator shows the specified air pressure.
If the air pressure is under the designated pressure, turn the compressor switch on again and repeat the inflation procedure until the specified air pressure is reached.

■ **The tire pressure warning valve and transmitter**

- After a tire is repaired with the emergency tire puncture repair kit should be replaced.
- 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 replaced, purchase a new bottle at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. The compressor is reusable.
- The sealant can be used when the outside temperature is from -30°C (-22°F) to 60°C (140°F).
- The 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 marked on the bottle. The bottle of sealant should be replaced with a new bottle before the expiry date. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer 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 room.
  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.
- To avoid risk of burst or severe leakage, do not drop or damage the bottle. Visually inspect the bottle before use. Do not use a bottle with shock, crack, scratch, leakage or any other damage. In such case, immediately replace.
- 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 when handling the repair kit during and after operation. Do not touch the metal part around the connecting area between the bottle and compressor. It will be extremely hot.
- Do not attach the vehicle speed warning sticker to an area other than the one indicated. If the sticker is attached to an area where an SRS airbag is located, such as the pad of the steering wheel, it may prevent the SRS airbag from operating properly.

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.
- Do not turn the bottle upside down when using it, as doing so may cause damage to the compressor.

NOTICE

■ Precautions for the emergency tire puncture repair kit

- The repair kit power source should be 12 V DC suitable for vehicle use. Do not connect the repair kit to any other source.
- If gasoline splatters on the repair kit, the repair kit may deteriorate. Take care not to allow gasoline 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 room 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 (vehicles with a tire pressure warning system)

When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or other qualified service shop as soon as possible. After use of liquid sealant, make sure to replace the tire pressure warning valve and transmitter when repairing or replacing the tire. (→P. 453)

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. 451

WARNING

■ If you have a flat tire

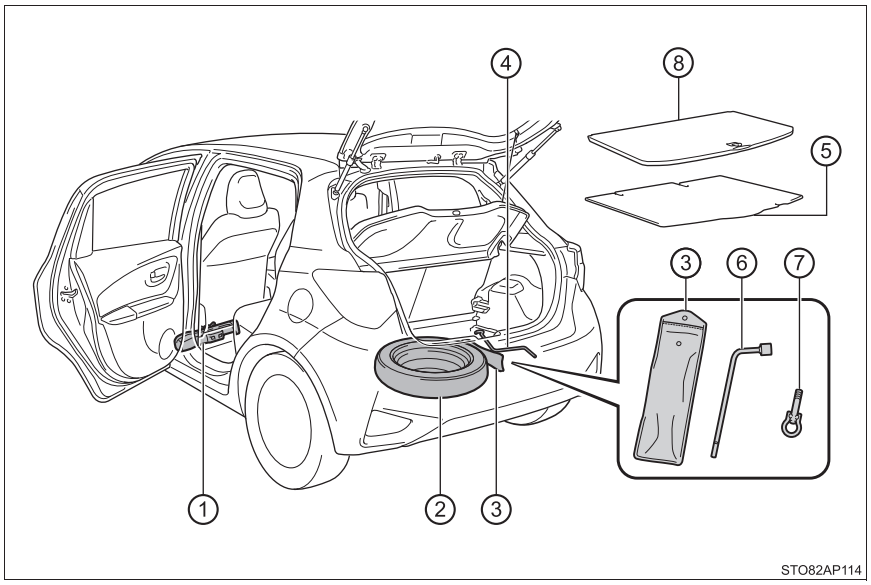
Do not continue driving with a flat tire.
Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair, which could result in an accident.

Before jacking up the vehicle

- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift lever to P.
- Stop the hybrid system.
- Turn on the emergency flashers. (→P. 506)

Location of the spare tire, jack and tool bag

■ Location



① Jack
② Spare tire
③ Tool bag
④ Jack handle
⑤ Luggage floor cover (if equipped)
⑥ Wheel nut wrench
⑦ Towing eyelet
⑧ Deck board (if equipped)

WARNING

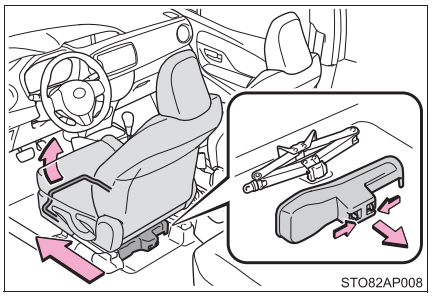
■ **Using the tire jack**

Observe the following precautions.
Improper use of the tire jack may cause the vehicle to suddenly fall off the jack, leading to death or serious injury.

- Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- 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

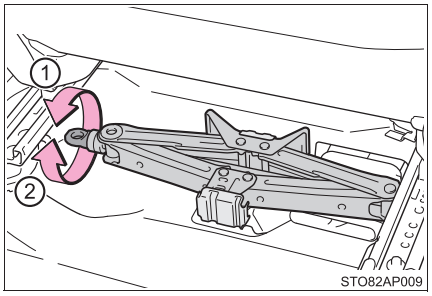
1 Move the front left seat to the front most position and remove the cover.



2 Take out the jack.

① For tightening

② For loosening

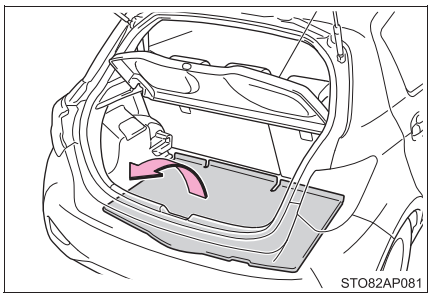


Taking out the spare tire

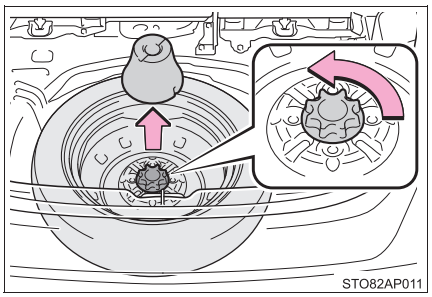
▶ Vehicles with a compact spare tire

1 Vehicles with a deck board: Lift the deck board and pull it toward you to remove it. (→P. 405)

2 Remove the luggage floor cover.



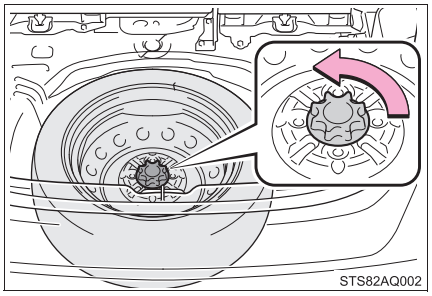
3 Remove the spare wheel cushion, then loosen the center fastener.



▶ Vehicles with a full-size spare tire

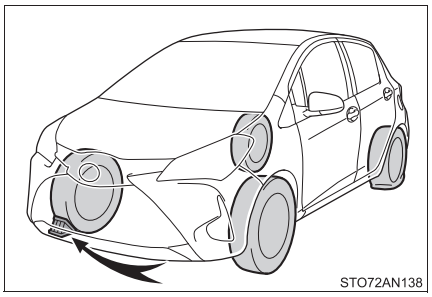
1 Lift the deck board and pull it toward you to remove it. (→P. 405)

2 Loosen the center fastener.



Replacing a flat tire

1 Chock the tires.

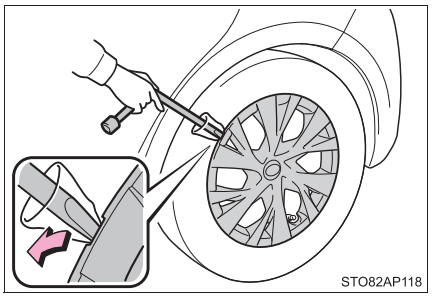


Flat tire		Wheel chock positions
Front	Left-hand side	Behind the rear right-hand side tire
	Right-hand side	Behind the rear left-hand side tire
Rear	Left-hand side	In front of the front right-hand side tire
	Right-hand side	In front of the front left-hand side tire

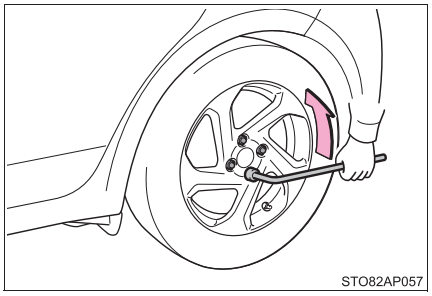
2 For vehicles with steel wheels, remove the wheel ornament using the wrench.

To protect the wheel ornament, place a rag between the wrench and the wheel ornament.

If the wheel ornament has notches, insert the wrench into the notch and remove the wheel ornament.

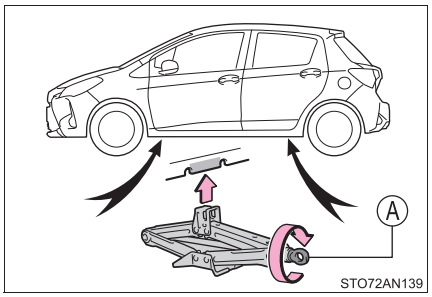


3 Slightly loosen the wheel nuts (one turn).

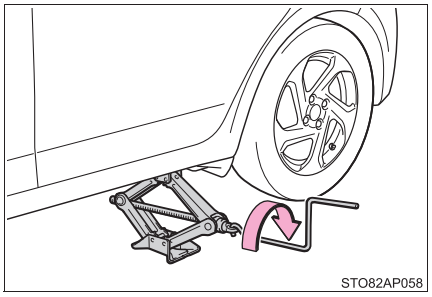


4 Turn the tire jack portion Ⓐ by hand until the notch of the jack is in contact with the jack point.

The jack point guides are located under the rocker panel. They indicate the jack point positions.

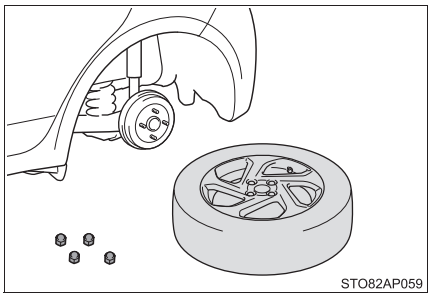


5 Raise the vehicle until the tire is slightly raised off the ground.



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**

● Observe the following precautions.
Failure to do so may result in serious injury:

- Do not try to remove the wheel ornament by hand. Take due care in handling the ornament to avoid unexpected personal injury.
- 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.

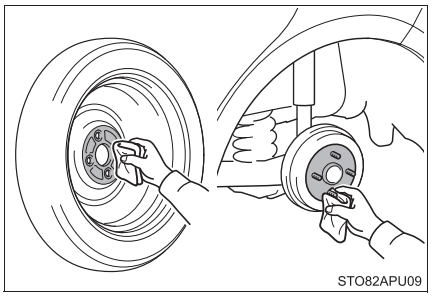
● Failure to follow these precautions could cause the wheel nuts to loosen and the tire to fall off, resulting in death or serious injury.

- 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 retailer or Toyota authorized repairer, or any reliable repairer.
- When installing the wheel nuts, be sure to install them with the tapered ends facing inward. (→P. 472)

Installing the spare tire

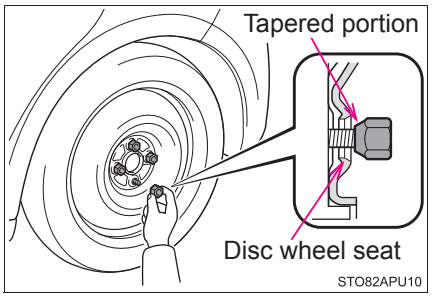
1 Remove any dirt or foreign matter from the wheel contact surface.

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.

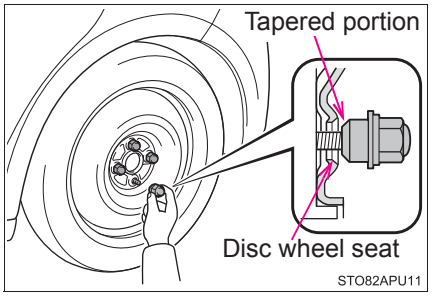

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2 Install the tire and loosely tighten each wheel nut by hand by approximately the same amount.

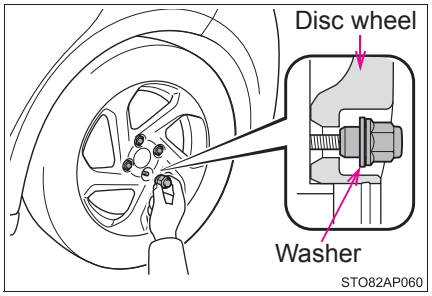
When replacing a steel wheel with a steel wheel (including a compact spare tire), tighten the wheel nuts until the tapered portion comes into loose contact with the disc wheel seat.



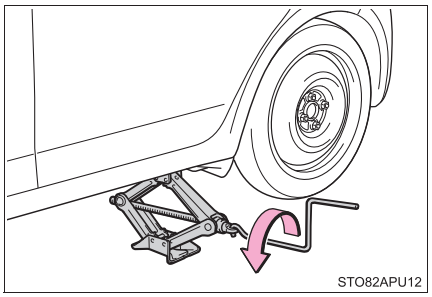
When replacing an aluminum wheel with a compact spare tire, tighten the wheel nuts until the tapered portion comes into loose contact with the disc wheel seat.



When replacing an aluminum wheel with an aluminum wheel, turn the wheel nuts until the washers come into contact with the disc wheel.



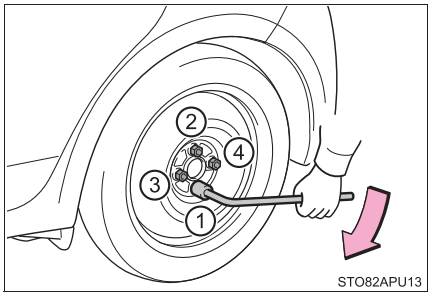
3 Lower the vehicle.



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)

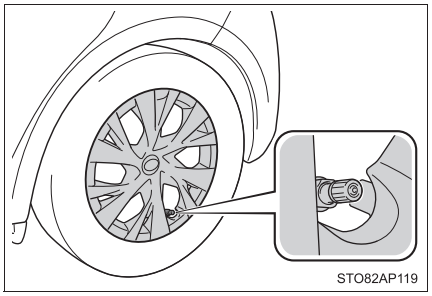
Do not use other tools or any additional leverage other than your hands, such as a hammer, pipe or your foot.



▶ Vehicles with steel wheels (except vehicles with tire pressure warning system or compact spare tire)

5 Reinstall the wheel ornament.

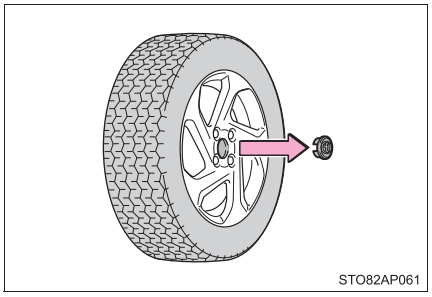
Align the cutout of the wheel ornament with the valve stem as shown.



▶ Vehicles with aluminum wheels

5 Remove the center wheel ornament by pushing from the reverse side.

Be careful not to lose the wheel ornament.



6 Stow the flat tire, tire jack and all tools.

■ **The full-size spare tire (if equipped)**

- On vehicles with a tire pressure warning system: The full-size spare tire is identified by a label with temporary use only information.
  Use the full-size spare tire temporarily, and only in an emergency.
- Make sure to check the tire inflation pressure of the full-size spare tire. (→P. 598)

■ **The compact spare tire (if equipped)**

- The compact spare tire is identified by the label “TEMPORARY USE ONLY” on the tire sidewall.
  Use the compact spare tire temporarily, and only in an emergency.
- Make sure to check the tire inflation pressure of the compact spare tire. (→P. 598)

■ **When using the spare tire (include compact spare tire) (vehicles with a tire pressure warning system)**

As the spare tire is not equipped with a tire pressure warning valve and transmitter, low inflation pressure of the spare tire will not be indicated by the tire pressure warning system. Also, if you replace a flat tire with the spare tire after the tire pressure warning light comes on, the light remains on.

■ **When the compact spare tire is equipped (if equipped)**

The vehicle height may become lower when driving with the compact spare tire compared to when driving with standard tires.

■ **If you have a flat front tire on a road covered with snow or ice (vehicles with compact spare tire)**

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 :
ARIKAN KRİKO A.Ş
Organize Sanayi Bölgesi 2.Cd.26110 ESKİŞEHİR / TURKEY

The EU Directives covered by this Declaration

2006 / 42 / EC Machinery Directive

The product covered by this declaration

JACK SUB-ASSY. PANTOGRAPH

model
0.8 ton , 1.1 ton

The basis on which conformity is being declared

The product identified above complies with the requirements of the Machinery Directive
Directive above by meeting following standards

857 – ISO 8720

The technical documentation required to demonstrate that the product meets the requirement the Machinery Directive has been compiled by the signatory below and is available for inspection by the relevant enforcement authorities.

A sample of the product has been tested by the manufacturer

Technical File No :2010-TOYOTA JACK-ISO8720-1

The CE mark was first applied in:2010

Done at Shizuoka , Japan

Ahmet ARIKAN
General Manager

Signature :

Date of Issue : 24.08.2010

WARNING

■ **When using the full-size spare tire (if equipped)**

- On vehicles with a tire pressure warning system: Replace the full-size spare tire with a standard tire as soon as possible.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.

■ **When using the compact spare tire (if equipped)**

- Remember that the compact spare tire provided is specifically designed for use with your vehicle. Do not use your compact spare tire on another vehicle.
- Do not use more than one compact spare tire simultaneously.
- Replace the compact spare tire with a standard tire as soon as possible.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.

■ **When storing the spare tire (if equipped)**

Be careful not to catch fingers or other body parts between the spare tire and the body of the vehicle.

■ **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.

■ **When the compact spare tire is attached (if equipped)**

The vehicle speed may not be correctly detected, and the following systems may not operate correctly:

- ABS & Brake assist
- VSC
- TRC
- EPS
- Automatic High Beam*
- PCS (Pre-Crash Safety system)*
- LDA (Lane Departure Alert)*
- Cruise control*
- Navigation system*

*: If equipped

■ **Speed limit when using the compact spare tire (if equipped)**

Do not drive at speeds in excess of 80 km/h (50 mph) when a compact spare tire is installed on the vehicle.

The compact spare tire is not designed for driving at high speeds. Failure to observe this precaution may lead to an accident causing death or serious injury.

NOTICE

■ **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.

■ **Be careful when driving over bumps with the compact spare tire installed on the vehicle (if equipped)**

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 (if equipped)**

Do not fit tire chains to the compact spare tire.
Tire chains may damage the vehicle body and adversely affect driving performance.

■ **When replacing the tires (vehicles with a tire pressure warning system)**

When removing or fitting the wheels, tires or the tire pressure warning valve and transmitter, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as the tire pressure warning valve and transmitter may be damaged if not handled correctly.

■ **To avoid damage to the tire pressure warning valves and transmitters (if equipped)**

When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or other qualified service shop as soon as possible.
Make sure to replace the tire pressure warning valve and transmitter when replacing the tire. (→P. 453)

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. 216, 220)

One of the following may be the cause of the problem:

- Vehicles with a smart entry & start system: The electronic key may not be functioning properly. (→P. 573)
- There may not be sufficient fuel in the vehicle's tank.
  Refuel the vehicle. (→P. 252)
- There may be a malfunction in the immobilizer system. (→P. 96)
- There may be a malfunction in the steering lock system.
- The hybrid system may be malfunctioning due to an electrical problem such as electronic key battery depletion or a blown fuse. However, depending on the type of malfunction, an interim measure is available to start the hybrid system. (→P. 572)

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. 576)
- The 12-volt battery terminal connections may be loose or corroded. (→P. 445)

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. 576)
- One or both of the 12-volt battery terminals may be disconnected. (→P. 445)

Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer if the problem cannot be repaired, or if repair procedures are unknown.

Emergency start function (vehicles with a smart entry & start system)

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. Shift the shift lever to P.
3. Turn the power switch to ACCESSORY mode.
4. Press and hold the power switch for about 15 seconds while depressing the brake pedal firmly.

Even if the hybrid system can be started using the above steps, the system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

If the electronic key does not operate properly (vehicles with a smart entry & start system)

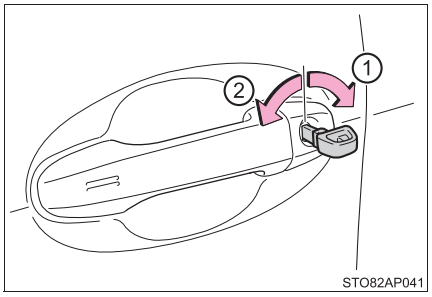
If communication between the electronic key and vehicle is interrupted (→P. 168) or the electronic key cannot be used because the battery is depleted, the smart entry & start system and wireless remote control cannot be used. In such cases, the doors can be opened and the hybrid system can be started by following the procedure below.

Locking and unlocking the doors

Use the mechanical key (→P. 142) in order to perform the following operations:

① Unlocks all the doors

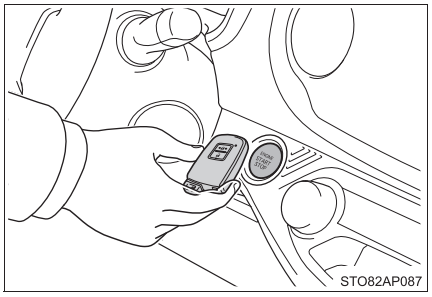
② Locks all the doors



Starting the hybrid system

1 Ensure that the shift lever is in P and depress the brake pedal.

2 Touch the Toyota emblem side of the electronic key to the power switch.



Vehicles with monochrome display: When the electronic key is detected, a buzzer sounds, and then the power switch will turn to ON mode.

Vehicles with color display: When the electronic key is detected, a message is shown on the multi-information display, a buzzer sounds, and then the power switch will turn to ON mode.

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.

When the smart entry & start system is deactivated in customization setting, the power switch will turn to ACCESSORY mode.

3 Vehicles with monochrome display: Firmly depress the brake pedal and check that  (green) turns on.

Vehicles with color display: Firmly depress the brake pedal and check that  and messages are shown on the multi-information display.

4 Press the power switch.

In the event that the hybrid system still cannot be operated, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **Stopping the hybrid system**

Shift the shift lever to P and press the power switch as you normally do when stopping the hybrid system.

■ **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. 477)

■ **Changing power switch modes**

Release the brake pedal and press the power switch in step 3 above.
The hybrid system does not start and modes will be changed each time the switch is pressed. (→P. 222)

■ **When the electronic key does not work properly**

- Make sure that the smart entry & start system has not been deactivated in the customization setting. If it is off, turn the function on.
(Customizable features: →P. 606)
- Check if battery-saving mode is set. If it is set, cancel the function.
(→P. 167)

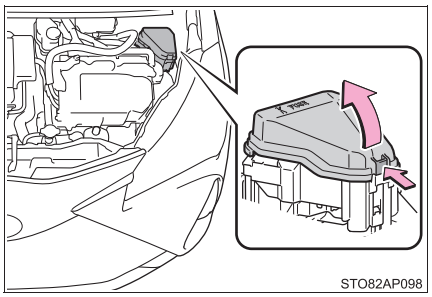
If the vehicle 12-volt battery is discharged

The following procedures may be used to start the hybrid system if the vehicle's 12-volt battery is discharged.
You can also call any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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.

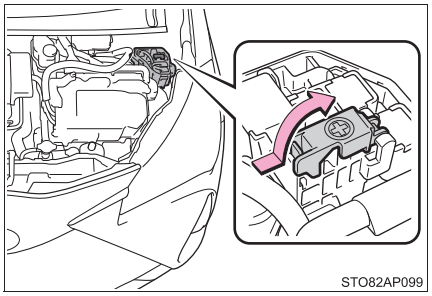
1 Open the hood and remove the fuse box cover.

Push the tab in and lift the cover off.

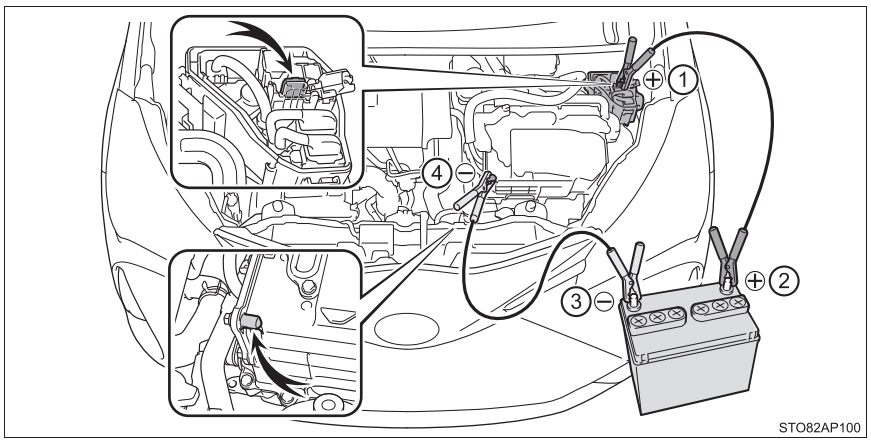

STO82AP098

2 Open the exclusive jump starting terminal cover.

Push the tab in and open the cover.


STO82AP099

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 it at that level for approximately 5 minutes to recharge the 12-volt battery of your vehicle.

5 Open and close any of the doors of your vehicle with the power switch is in the “LOCK” position (vehicles without a smart entry & start system) or off (vehicles with a smart entry & start system).

6 Maintain the engine speed of the second vehicle and start the hybrid system of your vehicle by turning the power switch to “ON” position (vehicles without a smart entry & start system) or ON mode (vehicles with a smart entry & start system).

7 Make sure the “READY” indicator comes on. If the indicator does not come on, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

8 Once the hybrid system has started, remove the jumper cables in the exact reverse order from which they were connected.

9 Close the exclusive jump starting terminal cover, and reinstall the fuse box cover to its original position.
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 retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

■ **Starting the hybrid system when the 12-volt battery is discharged**

The hybrid system cannot be started by push-starting.

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

- Turn off the headlights and the audio system while the hybrid system is off.
- Turn off any unnecessary electrical components when the vehicle is running at a low speed for an extended period, such as in heavy traffic.

■ **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.)

■ **Precautions when the 12-volt battery is discharged (vehicles with a smart entry & start system)**

- In some cases, it may not be possible to unlock the doors using entry function of the smart entry & start system immediately after the 12-volt battery has been disconnected and reconnected. Use the wireless remote control or the mechanical key to lock or unlock the doors.
- The hybrid system may not start on the first attempt after the 12-volt battery has recharged but will start normally after the second attempt. This is not a malfunction.
- The power switch mode is memorized by the vehicle. When the 12-volt battery is reconnected, the system will return to the mode it was in before the 12-volt battery was discharged.
  Before disconnecting the 12-volt battery, turn the power switch off. If the power switch was in ACCESSORY or ON mode before the 12-volt battery was discharged, the audio system and/or air conditioning system may operate when the 12-volt battery is reconnected.

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 anything 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.

■ **After recharging the 12-volt battery**

Have the 12-volt battery inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible. If the 12-volt battery is deteriorating, continued use may cause the 12-volt battery to emit a malodorous gas, which may be detrimental to the health of passengers.

WARNING

■ **When replacing the 12-volt battery**

→P. 450

■ **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 battery support, terminals, and other battery-related parts.
- Do not allow children near the 12-volt battery.

NOTICE

■ **When handling jumper cables**

When connecting the jumper cables, ensure that they do not become entangled in the cooling fan.

■ **Exclusive jump starting terminal**

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:

- Vehicles with monochrome display: The high engine coolant temperature warning light (→P. 518) comes on or flashes, or a loss of hybrid system power is experienced. (For example, the vehicle speed does not increase.)

  Vehicles with color display:
  - The needle of the engine coolant temperature gauge (→P. 117) enters the red zone or a loss of hybrid system power is experienced.
    (For example, the vehicle speed does not increase.)
  - The warning message indicating overheat is shown on the multi-information display. (→P. 531)
- Vehicles with monochrome display: If the hybrid system overheat warning light (→P. 522) comes on.
  Vehicles with color display: If the warning message indicating overheat is shown on the multi-information display. (→P. 535)
- Steam comes out from under the hood.

Correction procedures

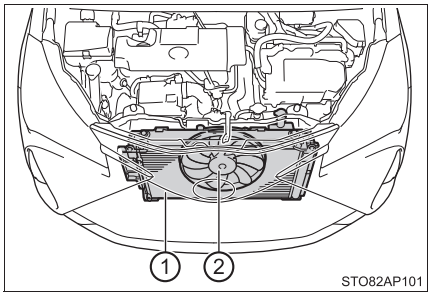
If the high engine coolant temperature warning light comes on or flashes

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.

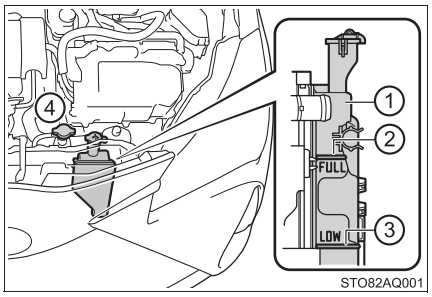


① Radiator

② Cooling fan

If a large amount of coolant leaks, immediately contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

4 The coolant level is satisfactory if it is between the “FULL” and “LOW” lines on the reservoir.



① Reservoir

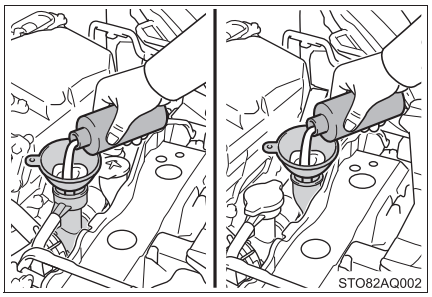
② “FULL”

③ “LOW”

④ Radiator cap

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 fan operates and to check for coolant leaks from the radiator or hoses.

The fan operates when the air conditioning system is turned on immediately after a cold start. Confirm that the fan is operating by checking the fan sound and air flow. If it is difficult to check these, turn the air conditioning system on and off repeatedly.
(The fan may not operate in freezing temperatures.)

7 If the fan is not operating:

Stop the hybrid system immediately and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

If the fan is operating:

Have the vehicle inspected at the nearest any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

If the hybrid system overheat warning light comes on

1 Stop the vehicle in a safe place.

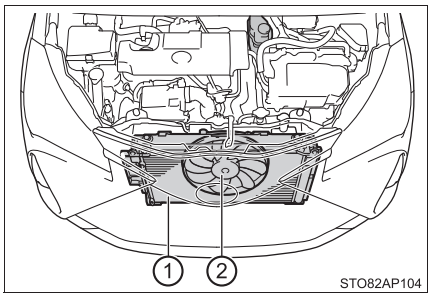
2 Stop the hybrid system and carefully lift the hood.

3 After the hybrid system has cooled down, inspect the hoses and radiator core (radiator) for any leaks.

① Radiator

② Cooling fan

If a large amount of coolant leaks, immediately contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

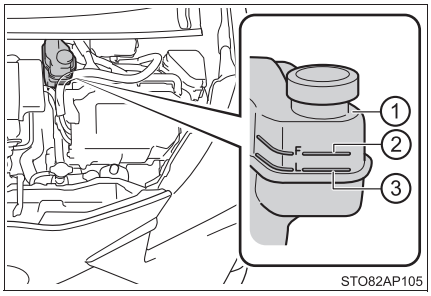


4 The coolant level is satisfactory if it is between the “F” and “L” lines on the reservoir.

① Reservoir

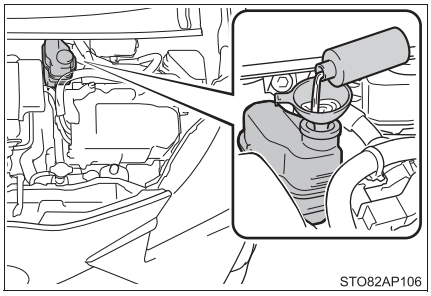
② “F” line

③ “L” line



5 Add coolant if necessary.

Water can be used in an emergency if coolant is unavailable.



6 Start the hybrid system and check for the hybrid system overheat warning light (with monochrome display) or warning message (with color display).

If the warning light (with monochrome display) or warning message (with color display) does not go off:
Stop the hybrid system and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

If the warning light (with monochrome display) or warning message (with color display) goes off:
Have the vehicle inspected at the nearest any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

■ To prevent an accident or injury when inspecting under the hood of your vehicle

- 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, causing serious injuries such as burns.
- 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 fans may suddenly operate even if the gasoline engine stops. Do not touch or approach rotating parts such as the fan, which may lead to fingers or clothing (especially a tie, a scarf or a muffler) getting caught, resulting in serious injury.
- Do not loosen the coolant reservoir cap while the hybrid system and radiator are hot.
  Serious injuries, such as burns, may result from hot coolant and steam released under pressure.

NOTICE

When adding engine/power control unit coolant

Wait until the hybrid system has cooled down before adding engine/power control unit coolant.
When adding coolant, do so slowly. 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 additives.

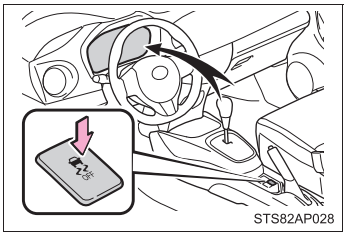
If the vehicle becomes stuck

Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt or snow:

1. Stop the hybrid system. Set the parking brake and shift the shift lever to P.
2. Remove the mud, snow or sand from around the front wheels.
3. Place wood, stones or some other material under the front wheels to help provide traction.
4. Restart the hybrid system.
5. Shift the shift lever to D or R and release the parking brake. Then, while exercising caution, depress the accelerator pedal.

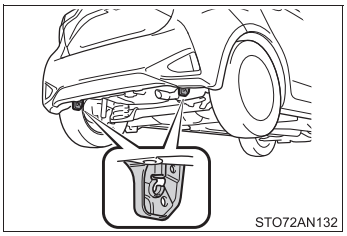
When it is difficult to free the vehicle

Press  to turn off TRC.



Emergency hooks

When your vehicle becomes stuck and cannot move, the emergency hooks are used for another vehicle to pull your vehicle out in an emergency.
Your vehicle is not designed to tow another 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 shifting the shift lever**

Be careful not to shift the shift lever with the accelerator pedal depressed. This may lead to unexpected rapid acceleration of the vehicle that may cause an accident resulting in death or serious injury.

NOTICE

■ **To avoid damage to the transmission and other components**

- Avoid spinning the front wheels and depressing the accelerator pedal more than necessary.
- If the vehicle remains stuck even after these procedures are performed, the vehicle may require towing to be freed.

Vehicle specifications 9

9-1. Specifications
Maintenance data (fuel, oil level, etc.).....590
Fuel information 601
9-2. Customization
Customizable features 603
9-3. Items to initialize
Items to initialize 610

Maintenance data (fuel, oil level, etc.)

Dimensions and weights

Overall length		3945 mm (155.3 in.)
Overall width		1695 mm (66.7 in.)
Overall height*1		1510 mm (59.4 in.) 1520 mm (59.8 in.)*2
Wheelbase		2510 mm (98.8 in.)
Tread	Front	1485 mm (58.4 in.)*3 1475 mm (58.0 in.)*4 1470 mm (57.8 in.)*5 1465 mm (57.6 in.)*6 1460 mm (57.4 in.)*7
	Rear	1470 mm (57.8 in.)*3 1460 mm (57.4 in.)*4, 5 1455 mm (57.2 in.)*6 1445 mm (56.8 in.)*7
Gross vehicle mass		1565 kg (3450 lb.)
Maximum permissible axle capacity	Front	895 kg (1973 lb.)
	Rear	825 kg (1819 lb.)

*1: Unladen vehicles

*2: Vehicles with rough road package

*3: 175/65R15 (5J) tires

*4: 175/65R15 (5 1/2J) tires

*5: 185/60R15 tires

*6: 16 inch wheels (Type B)

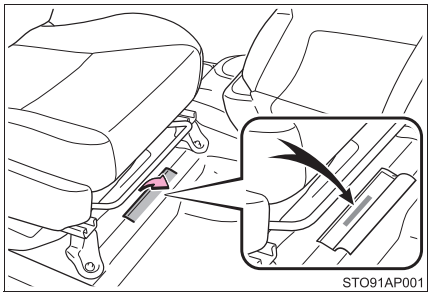
*7: 16 inch wheels (Type A)

Vehicle identification

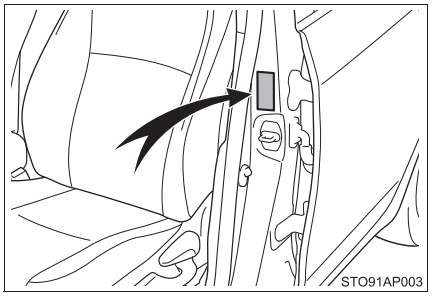
■ Vehicle identification number

The vehicle identification number (VIN) is the legal identifier for your vehicle. This is the primary identification number for your Toyota. It is used in registering the ownership of your vehicle.

This number is stamped under the front right seat.

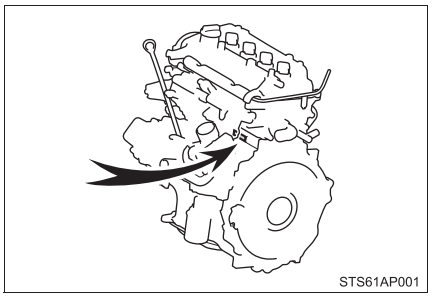


This number is also on the manufacturer's label on the left-hand side of the center pillar.



■ Engine number

The engine number is stamped on the engine block as shown.



Engine

Model	1NZ-FXE
Type	4-cylinder in line, 4-cycle, gasoline
Bore and stroke	75.0 × 84.7 mm (2.95 × 3.33 in.)
Displacement	1497 cm^3 (91.3 cu.in.)
Valve clearance (engine cold)	Intake: 0.15 — 0.25 mm (0.006 — 0.010 in.) Exhaust: 0.25 — 0.35 mm (0.010 — 0.014 in.)

Fuel

Fuel type	When you find these types of fuel label at the gas station, use only the fuel with one of the following labels.  EU area: Unleaded gasoline conforming to European standard EN228 only Except EU area: Unleaded gasoline only
Research Octane Number	95 or higher
Fuel tank capacity (Reference)	36 L (9.5 gal., 7.9 Imp.gal.)

Electric motor (Traction motor)

Type	Permanent magnet motor
Maximum output	45 kW
Maximum torque	169 N·m (17.2 kgf·m, 125 ft·lbf)

Hybrid battery (Traction battery)

Type	Nickel-Metal hydride battery
Voltage	7.2 V/module
Capacity	6.5 Ah (3HR)
Quantity	20 modules
Overall voltage	144 V

Lubrication system

■ Oil capacity (Drain and refill — reference*)

With filter	3.7 L (3.9 qt., 3.3 Imp.qt.)
Without filter	3.4 L (3.6 qt., 3.0 Imp.qt.)

*: The engine oil capacity is a reference quantity to be used when changing the engine oil. Warm up the engine and turn off 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

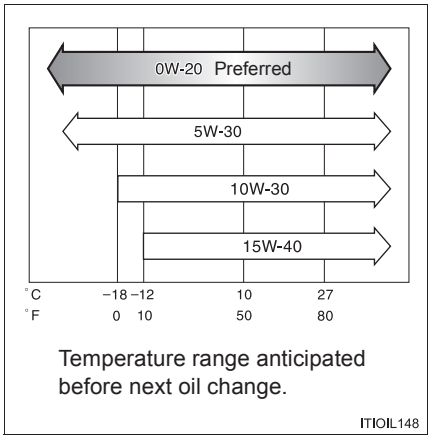
15W-40:
API grade SL, SM or SN multigrade engine oil

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.



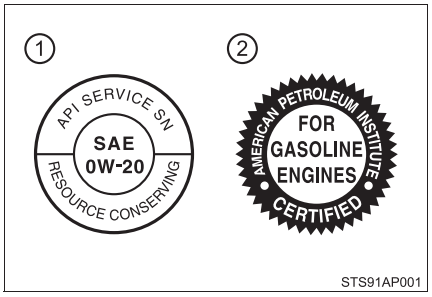
Temperature range anticipated before next oil change.

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 (Reference)	▶ Gasoline engine 4.5 L (4.8 qt., 4.0 Imp.qt.) ▶ Power control unit 1.6 L (1.7 qt., 1.4 Imp.qt.)
Coolant type	Use either of the following: • “Toyota Super Long Life Coolant” • A 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 FK16R-A8
Gap	0.8 mm (0.031 in.)

NOTICE

■ Iridium-tipped spark plugs

Use only iridium-tipped spark plugs. Do not adjust the spark plug gap.

Electrical system

12-volt battery	
Open voltage* at 20°C (68°F):	12.0 V or higher If the specific voltage is lower than the standard value, charge the battery. (*: Voltage is checked 20 minutes after the hybrid system and all lights are turned off.)
Charging rates	3 — 4 A max.

Transmission

Fluid capacity*	3.3 L (3.5 qt., 2.9 Imp.qt.)
Fluid type	Toyota Genuine ATF WS

*: The fluid capacity is the reference quantity. If replacement is necessary, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

NOTICE

Transmission fluid type

Using transmission fluid other than “Toyota Genuine ATF WS” may cause deterioration in shift quality, locking up of the transmission accompanied by vibration, and ultimately damage to the vehicle’s transmission.

Brakes

Pedal clearance*1 Left-hand drive vehicles Right-hand drive vehicles	 75 mm (3.0 in.) 73 mm (2.9 in.)
Pedal free play	1 — 6 mm (0.04 — 0.24 in.)
Parking brake lever travel*2	4 — 6 clicks
Fluid type*3	SAE J1704 or FMVSS No.116 DOT 4 SAE J1703 or FMVSS No.116 DOT 3

*1: Minimum pedal clearance when depressed with a force of 300 N (31 kgf, 67.4 lbf) while the hybrid system is operating

*2: Parking brake lever travel when pulled up with a force of 200 N (20.4 kgf, 45.0 lbf)

*3: Follow the indications of the designated fluid types for the brake reservoir tank.

Steering

Free play	Less than 30 mm (1.2 in.)

Tires and wheels

▶ 15-inch tires

Tire size	175/65R15 84H	
Tire inflation pressure (Recommended cold tire inflation pressure)	Front wheel kPa (kgf/cm^2 or bar, psi)	Rear wheel kPa (kgf/cm^2 or bar, psi)
	Standard tire pressure: 230 (2.3, 33) ECO tire pressure*: 250 (2.5, 36)	Standard tire pressure: 220 (2.2, 32) ECO tire pressure*: 240 (2.4, 35)
Wheel size	15 × 5J, 15 × 5 1/2J	
Wheel nut torque	103 N·m (10.5 kgf·m, 76 ft·lbf)	

*: For some models, ECO tire pressure is shown on the tire pressure label. (→P. 545)
"For optimizing fuel economy, ECO tire pressure is recommended.
Tire pressure affects traveling comfort, road noise and steering characteristics."

Tire size	185/60R15 84H		
Tire inflation pressure (Recommended cold tire inflation pressure)	Vehicle speed	Front wheel kPa (kgf/cm^2 or bar, psi)	Rear wheel kPa (kgf/cm^2 or bar, psi)
	160 km/h (99 mph) or less	220 (2.2, 32)	200 (2.0, 29)
	More than 160 km/h (99 mph)	230 (2.3, 33)	200 (2.0, 29)
Wheel size	15 × 5 1/2J		
Wheel nut torque	103 N·m (10.5 kgf·m, 76 ft·lbf)		

▶ 16-inch tires

Tire size	195/50R16 84V		
Tire inflation pressure (Recommended cold tire inflation pressure)	Vehicle speed	Front wheel kPa (kgf/cm^2 or bar, psi)	Rear wheel kPa (kgf/cm^2 or bar, psi)
	160 km/h (99 mph) or less	220 (2.2, 32)	200 (2.0, 29)
	More than 160 km/h (99 mph)	240 (2.4, 35)	210 (2.1, 30)
Wheel size	16 × 6J		
Wheel nut torque	103 N·m (10.5 kgf·m, 76 ft·lbf)		

▶ Compact spare tires

Tire size	T125/70D16 96M
Tire inflation pressure (Recommended cold tire inflation pressure)	420 kPa (4.2 kgf/cm^2 or bar, 60 psi)
Wheel size	16 × 4T
Wheel nut torque	103 N·m (10.5 kgf·m, 76 ft·lbf)

Light bulbs

	Light Bulbs	W	Type
Exterior	Halogen headlights	55	A
	Front fog lights*	19	B
	Front position light/daytime running lights (bulb type)	21/5	C
	Front turn signal lights	21	D
	Side turn signal lights	5	D
	Rear turn signal lights	21	D
	Stop/tail lights (bulb type)	21/5	E
	Back-up light	16	C
	License plate lights	5	C
Interior	Vanity lights*	5	F
	Personal lights/interior light	5	C
	Luggage compartment light	5	F

A: HIR2 halogen bulbs
B: H16 halogen bulbs
C: Wedge base bulbs (clear)
D: Wedge base bulbs (amber)
E: Single end bulbs (clear)
F: Double end bulbs
*: If equipped

Fuel information

When you find these types of fuel label at the gas station, use only the fuel with one of the following labels.



EU area:

You must only use unleaded gasoline conforming to European standard EN228.
Select unleaded gasoline with a Research Octane Number of 95 or higher for optimum engine performance.

Except EU area:
You must only use unleaded gasoline.
Select unleaded gasoline with a Research Octane Number of 95 or higher for optimum engine performance.

■ Use of ethanol blended gasoline in a gasoline engine

Toyota allows the use of ethanol blended gasoline where the ethanol content is up to 10%. Make sure that the ethanol blended gasoline to be used has a Research Octane Number that follows the above.

■ If your engine knocks

- Consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- You may occasionally notice light knocking for a short time while accelerating or driving uphill. This is normal and there is no need for concern.

NOTICE

■ **Notice on fuel quality**

- Do not use improper fuels. If improper fuels are used, the engine will be damaged.
- Do not use leaded gasoline.
  Leaded gasoline will cause the three-way catalytic converter to lose its effectiveness and the emission control system to function improperly.
- EU area: Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. The use of these fuels will damage the vehicle’s fuel system. In case of any doubt, ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Except EU area: Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. Your vehicle can use gasoline mixed with 10% max ethanol. The use of fuel with more than 10% ethanol content (E10) will damage the vehicle’s fuel system. You must ensure that refueling is carried out only from a source where fuel specification and quality can be guaranteed. In case of any doubt, ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Do not use the methanol blended gasoline such as M15, M85, M100.
  The use of gasoline containing methanol may cause engine damage or failure.

Customizable features

Your vehicle includes a variety of electronic features that can be personalized to suit your preferences. The settings of these features can be changed using the multi-information display, on the navigation/multimedia system, or at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Some function settings are changed simultaneously with other functions being customized. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for further details.

Customizing vehicle features

When customizing vehicle features, ensure that the vehicle is parked in a safe place with the shift lever in P and the parking brake set.

Various setting can be changed. Refer to the list of settings that can be changed for details.

■ Changing using the multi-information display (vehicles with color display)

1 Press ❮ or ❯ of the meter control switches and select  on the multi-information display.

2 Press ∧ or ∨ of the meter control switches and select then press ⊙.

3 Press ∧ or ∨ of the meter control switches, and select the desired setting, and then press ⊙.

■ **Changing on the navigation or multimedia system screen (vehicles with a navigation or multimedia system)**

1 Press ⚙.

2 Select “Vehicle” on the “Setup” screen.
Select the desired item.

Various settings can be changed. Refer to the list of settings that can be changed for details.

Customizable features

Some function settings are changed simultaneously with other functions being customized. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for further details.

① Settings that can be changed using the multi-information display

② Vehicles with a Navigation/Multimedia system: Settings that can be changed using the Navigation/Multimedia system
(For further information on customizing settings using the Navigation/Multimedia system, refer to the “Navigation and multimedia system Owner’s Manual”.)

③ Settings that can be changed by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer

Definition of symbols: O = Available, — = Not available

■ **Gauges, meters and multi-information display (→P. 123, 125)**

Function		Default setting	Customized setting	①	②	③
Language*1		English	*3	O	O	O
Units*1, 2		km (km/L)	km (L/100 km)	O	O	O
			miles (MPG)	O	O	O
		°C	°F	O	—	O
EV Indicator Light		ON	OFF	O	—	O
Drive information*1		Elapsed Time	Average Speed	O	—	O
Pop-up display*1	Incoming calls	ON	OFF	O	—	O

*1: Vehicles with color display only

*2: The default setting varies according to countries.

*3: German, French, Spanish, Italian, Portuguese, Dutch, Swedish, Norwegian, Danish, Russian, Finnish, Greek, Polish, Ukrainian, Turkish, Hungarian, Czech, Slovak, Romanian

■ **Smart entry & start system* (→P. 152, 159, 164)**

Function	Default setting	Customized setting	①	②	③
Smart entry & start system	ON	OFF	—	O	O
Operation signal (Emergency flashers)	ON	OFF	—	—	O
Time elapsed before automatic door lock function is activated if door is not opened after being unlocked	30 seconds	60 seconds	—	—	O
		120 seconds			
Open door warning function (when locking the vehicle)	ON	OFF	—	—	O
Number of permissible times of continuous smart lock	Twice	Unlimited	—	—	O

*: If equipped

■ **Wireless remote control (→P. 141, 153)**

Function	Default setting	Customized setting	①	②	③
Wireless remote control	ON	OFF	—	—	O
Operation signal (Emergency flashers)	ON	OFF	—	O	O
Time elapsed before automatic door lock function is activated if door is not opened after being unlocked	30 seconds	60 seconds	—	—	O
		120 seconds			
Open door warning buzzer (When locking the vehicle)	ON	OFF	—	—	O

■ **Follow me home system* (→P. 239)**

Function	Default setting	Customized setting	①	②	③
Time elapsed before headlights automatically turn off	30 seconds	60 seconds	—	—	O
		90 seconds			
		120 seconds			

*: If equipped

■ **Automatic light control system (→P. 238)**

Function	Default setting	Customized setting	①	②	③
Light sensor sensitivity	Level 3	Level 1 to 5	—	O	O

■ **PCS (Pre-Crash Safety system)* (→P. 262)**

Function	Default setting	Customized setting	①	②	③
Pre-Crash Safety system	ON	OFF	O	—	O
Warning timing	Middle	Far	O	—	O
		Near			

*: If equipped

■ **LDA (Lane Departure Alert)* (→P. 279)**

Function	Default setting	Customized setting	①	②	③
Sensitivity	High	Standard	O	—	O

*: If equipped

■ **RSA (Road Sign Assist)* (→P. 293)**

Function	Default setting	Customized setting	①	②	③
RSA system	ON	OFF	O	—	O
Excess speed	Only visual	No notification	O	—	O
		Visual and audible			
Notification level	0 km/h (0 mph)	5 km/h (3 mph)	O	—	O
		-3 km/h (-2 mph)			
Others	Only visual	No notification	O	—	O
		Visual and audible			

*: If equipped

■ **Illumination (→P. 398)**

Function	Default setting	Customized setting	①	②	③
Time elapsed before the interior lights turn off	15 seconds	7.5 seconds	—	O	O
		30 seconds			
Operation when the doors are unlocked	ON	OFF	—	—	O
Operation after the power switch is turned off	ON	OFF	—	—	O
Operation when you approach the vehicle with the electronic key on your person*	ON	OFF	—	—	O
Interior lights illumination control	ON	OFF	—	—	O

*: Vehicles with a smart entry & start system

■ Automatic air conditioning system (→P. 386)

Function	Default setting	Customized setting	①	②	③
Air conditioning control of Eco drive mode	ON	OFF	—	O	O

WARNING

■ During customization

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

NOTICE

■ During customization

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

Items to initialize

The following item must be initialized for normal system operation in cases such as after the battery is reconnected, or maintenance is 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 tire pressure (such as when changing traveling speed) • When changing the tire size	P. 454

*: If equipped

Index

What to do if...
(Troubleshooting) 612
Alphabetical index 616

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

- Navigation system
- Hands-free system (for cellular phone)
- Rear view monitor system
- Audio system

What to do if... (Troubleshooting)

If you have a problem, check the following before contacting any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

The doors cannot be locked, unlocked, opened or closed



You lose your keys

- If you lose your keys, new genuine keys can be made by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. (→P. 143)
- If you lose your electronic keys, the risk of vehicle theft increases significantly. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately. (→P. 151)



The doors cannot be locked or unlocked

- Is the key battery weak or depleted? (→P. 477)
- Vehicles with a smart entry & start system:
  Is the power switch in ON mode?
  When locking the doors, turn the power switch off. (→P. 222)
- Vehicles with a smart entry & start system:
  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. 143, 168)



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. 157)

If you think something is wrong

The hybrid system does not start (vehicles without a smart entry & start system)

- Is the shift lever in P? (→P. 216)
- Is the 12-volt battery discharged? (→P. 576)

The hybrid system does not start (vehicles with a smart entry & start system)

- Did you press the power switch while firmly depressing the brake pedal? (→P. 220)
- Is the shift lever in P? (→P. 225)
- Is the electronic key anywhere detectable inside the vehicle? (→P. 165)
- Is the steering wheel unlocked? (→P. 226)
- Is the electronic key battery weak or depleted?
  In this case, the hybrid system can be started in a temporary way. (→P. 574)
- Is the 12-volt battery discharged? (→P. 576)

The shift lever cannot be shifted from P even if you depress the brake pedal

- Vehicles without a smart entry & start system:
  Is the power switch in the “ON” position?
  If you cannot release the shift lever by depressing the brake pedal with the power switch in the “ON” position. (→P. 234)
- Vehicles with a smart entry & start system:
  Is the power switch in ON mode?
  If you cannot release the shift lever by depressing the brake pedal with the power switch in ON mode. (→P. 234)

The steering wheel cannot be turned after the engine is stopped

- Vehicles without a smart entry & start system:
  It is locked to prevent theft of the vehicle if the key is pulled from the power switch. (→P. 218)
- Vehicles with a smart entry & start system:
  It is locked automatically to prevent theft of the vehicle. (→P. 226)

The windows do not open or close by operating the power window switches

- Is the window lock switch pressed?
  The power window except for the one at the driver's seat cannot be operated if the window lock switch is pressed. (→P. 199)

The power switch is turned off automatically (vehicles with a smart entry & start system)

- 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. 225)

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. 521)
- The parking brake indicator is on
  Is the parking brake released? (→P. 517)

Depending on the situation, other types of warning buzzer may also sound. (→P. 517, 531)

A warning buzzer sounds when leaving the vehicle (vehicles with a smart entry & start system)

- Is the electronic key left inside the vehicle?
  Vehicles with color display: Check the message on the multi-information display. (→P. 531)

A warning light turns on (vehicles with monochrome display)

- When a warning light turns on, refer to P. 517.

A warning light turns on or a warning message is displayed (vehicles with color display)

- When a warning light turns on or a warning message is displayed, refer to P. 517, 531.

When a problem has occurred

If you have a flat tire

- Vehicles with an emergency tire puncture repair kit
  Stop the vehicle in a safe place and repair the flat tire temporarily with the emergency tire puncture repair kit. (→P. 537)
- Vehicles with a spare tire
  Stop the vehicle in a safe place and replace the flat tire with the spare tire. (→P. 556)

The vehicle becomes stuck

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P. 587)

Alphabetical index

A

A/C 386
Air conditioning filter 474
Automatic air conditioning system 386
ABS (Anti-lock Brake System) 303
Function 303
Warning light 519
Air conditioning filter 474
Air conditioning system 386
Air conditioning filter 474
Automatic air conditioning system 386
Airbag manual on-off system ... 56
Airbags 43
Airbag manual on-off system 56
Airbag operating conditions 50
Airbag precautions for your child 45
Airbag warning light 518
Correct driving posture 34
Curtain shield airbag operating conditions 51
Curtain shield airbag precautions 45
General airbag precautions 45
Locations of airbags 43
Modification and disposal of airbags 49
Side airbag operating conditions 51
Side airbag precautions 45
Side and curtain shield airbags operating conditions 51
Side and curtain shield airbags precautions 45
SRS airbags 43
Alarm
Warning buzzer 517
Anchor brackets 83
Antenna
Radio 329, 415
Smart entry & start system ... 164
Anti-lock Brake System (ABS) 303
Function 303
Warning light 519
Armrest 411
Ashtrays 408
Assist grips 412
Audio system (with a Navigation/Multimedia system)*

Audio system (without a Navigation/Multimedia system) **320**
Bluetooth® audio 354
CD player 330
iPod 339
MP3/WMA disc 330
Optimal use 324
Radio 326
Steering wheel audio switch 322
USB memory 347
USB port 323
Automatic air conditioning system
Air conditioning filter 474
Automatic air conditioning system 386
Automatic High Beam **287**
Automatic light control system **238**
Auxiliary boxes **406**

B

Back door
Back door 159
Luggage compartment light 161
Back-up lights
Replacing light bulb 500
Wattage 600
Battery (12-volt battery) **445**
If the 12-volt battery is discharged 576
Preparing and checking before winter 313
Warning light 517
Bluetooth®*
Audio system 371
Hands-free system (for cellular phone) 374
Bottle holders **403**
Brake
Fluid 597
Parking brake 237
Regenerative braking 88
Warning light 517, 520
Brake assist **303**
Break-in tips **205**
Brightness control
Instrument panel light control 115, 118

*: For vehicles with navigation/multimedia system, refer to "Navigation and multimedia system Owner's manual".

C

Care 414, 419
- Aluminum wheels 415
- Exterior 414
- Interior 419
- Seat belts 423

CD player* 330
Chains 315
Child restraint system 60
- Fixed with a seat belt 70
- Fixed with an ISOFIX rigid anchor 77
- Points to remember 61
- Riding with children 59
- Types of child restraint system installation method 65
- Using an anchor bracket 83

Child safety 59
- 12-volt battery precautions 449, 580
- Airbag precautions 45
- Back door precautions 161
- Child restraint system 60
- How your child should wear the seat belt 39
- Installing child restraints 65
- Power window lock switch 199
- Power window precautions ... 202
- Rear door child-protectors 157
- Removed key battery precautions 480
- Seat belt precautions 41
- Seat heater precautions 396

Child-protectors 157
Cigarette lighter 409
Cleaning 414, 419
- Aluminum wheels 415
- Exterior 414
- Interior 419
- Seat belts 423

Clock 123. 130
Condenser 443
Consumption screen 133
Coolant 441
- Capacity 596
- Checking 441
- Preparing and checking before winter 313

Cooling system 441
- Hybrid system overheating ... 581

CRS
(Child Restraint System)..... 60
Cruise control 299
Warning light..... 520
Warning messages 301
Cup holders..... 402
Curtain shield airbags 43
Customizable features 603

D

Daytime running light system 241
Replacing the light bulbs..... 492, 502
Wattage..... 600
Defogger
Outside rear view mirrors 390
Rear window 390
Windshield 390
Dimensions 590
Display
Drive information..... 122, 127
Energy monitor..... 133
Multi-information display 121, 125
RSA (Road Sign Assist)..... 293
Trip information..... 136
Warning messages 531
Do-it-yourself maintenance 430
Door lock
Back door..... 159
Side doors..... 152
Smart entry & start system ... 164
Wireless remote control..... 153
Doors
Back door..... 159
Door glasses..... 199
Door lock..... 152
Open door warning buzzer ... 165
Open door warning light..... 521
Outside rear view mirrors..... 196
Rear door child-protector..... 157
Side doors..... 152
Side windows..... 199
Double locking system 104
Driver's seat belt reminder light..... 521
Driving 204
Break-in tips..... 205
Correct driving posture 34
Hybrid vehicle driving tips..... 310
Procedures 204
Winter drive tips..... 313

*: For vehicles with navigation/multimedia system, refer to "Navigation and multimedia system Owner's manual".

E

Electric motor
Location 86
Specification..... 592
Electric Power Steering (EPS)..... 303
Function 303
Warning light..... 519
Electronic key 140
Battery-saving function 167
If the electronic key does not operate properly 573
Replacing the battery..... 477
Emergency brake signal 304
Emergency flashers..... 506
Emergency, in case of
If a warning message is displayed..... 531
If the 12-volt battery is discharged..... 576
If the electronic key does not operate properly 573
If the hybrid system will not start..... 571
If the warning buzzer sounds..... 517
If the warning light turns on... 517
If you have a flat tire 537, 556
If you lose your key..... 143
If you think something is wrong..... 516
If your vehicle becomes stuck..... 587
If your vehicle has to be stopped in an emergency... 507
If your vehicle needs to be towed..... 509
If your vehicle overheats..... 581
Energy monitor..... 133
Engine
“ACC” position 217
Accessory mode 222
Compartment..... 437
Engine switch..... 216, 220
Hood 433
How to start the hybrid system 216, 220
Identification number 591
If your vehicle has to be stopped in an emergency... 507
Ignition switch (power switch) 216, 220
Overheating 581
Power switch..... 216, 220

Engine coolant 441
Capacity 596
Checking 441
Preparing and checking before winter 313
Engine coolant temperature warning light 518
Engine oil 438
Capacity 593
Checking 438
Oil pressure warning light 518
Oil pressure warning messages 531
Preparing and checking before winter 313
Engine switch 216, 220
Auto power off function 225
Changing power switch positions 217
Changing the power switch modes 222
If your vehicle has to be stopped in an emergency 507
Starting the hybrid system 216, 220
EPS (Electric Power Steering) 303
Function 303
Warning light 519
EV drive mode 229
EV indicator 88

F

Flat tire 537, 556
Floor mats 32
Fluid
Brake 597
Transmission 597
Washer 443
Fog lights 244
Replacing light bulbs 489, 502
Switch 244
Wattage 600
Follow me home system 239
Front passenger's seat belt reminder light 521
Front position lights 238
Light switch 238
Replacing light bulbs 492, 502
Wattage 600
Front seats 182
Adjustment 182
Cleaning 419
Correct driving posture 34
Head restraints 188
Seat heaters 396

Front turn signal lights.....236
Replacing light bulbs.....493
Turn signal lever 236
Wattage.....600
Fuel
Capacity.....592
Fuel gauge.....114, 117
Information.....601
Refueling.....252
Type.....592
Warning light.....521
Fuel consumption
Average fuel consumption.....122, 127
Instantaneous fuel consumption.....122
Fuel filler door.....252
Refueling.....252
Fuses 481

G

Gas station information 632
Gauges.....114, 117
Glove box 401

H

Hands-free system (for cellular phone)* 374
Hazard lights
Switch 506
Head restraints 188
Headlights 238
Automatic High Beam.....287
Follow me home system.....239
Light switch 238
Replacing light bulbs.....488
Wattage 600
Heaters 386
Automatic air conditioning system.....386
Outside rear view mirrors.....390
Seat heaters 396
High mounted stoplight
Replacing light bulbs.....502
Hill-start assist control.....303
Hood 433
Open.....433
Hooks
Retaining hooks (floor mat).....32
Horn 191
Hybrid battery (traction battery)
Location 90
Specification 593

Hybrid battery air vent **91**
Hybrid system **86**
Emergency shut off system 91
Energy monitor/consumption screen 133
EV drive mode 229
High voltage components 90
Hybrid System Indicator 115
Hybrid system precautions 90
Hybrid vehicle driving tips 310
If the hybrid system will not start 571
Overheating 581
Power switch 216, 220
Regenerative braking 88
Starting the hybrid system 216, 220
Hybrid System Indicator **115**
Hybrid system overheat warning light **522**
Hybrid system overheat warning message **531**
Hybrid transmission **232**

I

Identification **591**
Engine 591
Vehicle 591
Ignition switch (Power switch) **216, 220**
Auto power off function 225
Changing power switch positions 217
Changing the power switch modes 222
If your vehicle has to be stopped in an emergency 507
Starting the hybrid system 216, 220
Ignition switch light (Power switch light) **398**
Illuminated entry system **399**
Immobilizer system **96**
Indicators **111**
Initialization
Items to initialize 610
Tire pressure warning system 454
Inside rear view mirror **193**
Instrument cluster light control **115, 118**
Interior lights **398**
Switch 398
Wattage 600
ISOFIX rigid anchors **65**

*: For vehicles with navigation/multimedia system, refer to “Navigation and multimedia system Owner’s manual”.

J

Jack
Positioning a floor jack 435
Vehicle-equipped jack 557
Jack handle 539, 557
Jam protection function
Power window 200

K

Keyless entry
Smart entry & start system 164
Wireless remote control 141
Keys 140
Battery-saving function 167
Electronic key 140
Engine switch 216, 220
If the electronic key does not operate properly 573
If you lose your keys 143
Ignition switch 216, 220
Key number plate 140
Keyless entry 141
Mechanical key 142
Power switch 216, 220
Replacing the battery 477
Warning buzzer 165
Wireless remote control key 141
Knee airbags 43

L

Lane Departure Alert (LDA) 279
LDA (Lane Departure Alert) 279
Lever
Auxiliary catch lever 433
Hood lock release lever 433
Shift lever 232
Turn signal lever 236
Wiper lever 246, 250
License plate lights 238
Light switch 238
Replacing light bulbs 498
Wattage 600
Light bulbs
Replacing 486
Wattage 600
Lights
Automatic High Beam 287
Fog light switch 244
Follow me home system 239
Headlight switch 238
Ignition switch light 398
Illuminated entry system 399
Interior light 398
Interior lights list 398
Luggage compartment light 161
Personal lights 399
Power switch light 398
Replacing light bulbs 486
Turn signal lever 236
Vanity lights 407
Wattage 600
Lock steering column 218, 226
Low traction battery warning light 521
Low traction battery warning message 531
Luggage cover 404

M

Maintenance
Do-it-yourself maintenance 430
Maintenance data 590
Maintenance requirements ... 427
Malfunction indicator lamp 518
Manual headlight leveling dial 240
Meter 114, 117
Indicators 111
Instrument cluster light control 115, 118
Meters 114, 117
Multi-information display 121, 125
Warning lights 109
Warning message 531
Mirrors
Inside rear view mirror 193
Outside rear view mirror defoggers 390
Outside rear view mirrors 196
Vanity mirrors 407
MP3 disc* 330
Multi-information display 121, 125
Drive information 122, 127
Energy monitor 133
RSA (Road Sign Assist) 293
Settings 128
Switching the display 121, 126
Warning message 531
Multimedia system*

N

Navigation system*

O

Odometer 117, 122
Oil
Engine oil 593
Opener
Back door 160
Fuel filler door 254
Hood 433
Outside rear view mirrors 196
Adjusting and folding 196
Outside rear view mirror defoggers 390
Outside temperature display 117, 121
Overheating 581

P

P position request warning light 523
Parking brake 237
Operation 237
Parking brake engaged warning buzzer 517
PCS (Pre-Crash Safety system) 262
Function 262
PCS switch 266
Warning light 519
Warning messages 277

*: For vehicles with navigation/multimedia system, refer to "Navigation and multimedia system Owner's manual".

Personal lights **399**
Switch 399
Wattage 600
Portable ashtray **408**
Power control unit coolant
Capacity 596
Checking 441
Preparing and checking before winter 313
Radiator 443
Power outlet **410**
Power steering **303**
Warning light 519
Power switch **216, 220**
Auto power off function 225
Changing the power switch modes 222
If your vehicle has to be stopped in an emergency ... 507
Starting the hybrid system 216, 220
Power windows **199**
Jam protection function 200
Operation 199
Window lock switch 199
Pre-Crash Safety system (PCS) **262**
Function 262
PCS switch 266
Warning light 519
Warning messages 277

R

Radiator **443**
Radio* **326**
Radio data system **328**
RDS **328**
Rear fog light **244**
Replacing light bulbs 502
Switch 244
Wattage 600
Rear passenger's seat belt reminder light **521**
Rear seat **184**
Folding down the rear seatbacks 184
Rear turn signal lights **236**
Replacing light bulbs 496
Turn signal lever 236
Wattage 600
Rear view mirror
Inside rear view mirror 193
Outside rear view mirrors 196
Rear view monitor*
Rear window defogger **390**
Rear window wiper **250**
Refueling **252**
Capacity 592
Fuel types 592
Opening the fuel tank cap 254
Regenerative braking **88**

Replacing
Electronic key battery.....477
Fuses 481
Light bulbs.....486
Tires 537, 556
Wireless remote control battery.....477
Road accident cautions 93
Roof shade 411
RSA (Road Sign Assist) 293

S

Seat belt reminder light.....521
Seat belts.....36
Child restraint system installation.....65
Cleaning and maintaining the seat belt.....423
Emergency Locking Retractor (ELR) 39
How to wear your seat belt 36
How your child should wear the seat belt.....39
Pregnant women, proper seat belt use 40
Reminder light and buzzer....521
Seat belt pretensioners.....39
SRS warning light 518
Seat heaters 396
Seats 182, 184
Adjustment.....182
Adjustment precautions 183
Child seats/child restraint system installation.....65
Cleaning.....419
Folding down the rear seatbacks 184
Head restraints 188
Properly sitting in the seat 34
Seat heaters 396
Sensor
Automatic headlight system.....241
Automatic High Beam 257
Camera sensor 257
Inside rear view mirror 194
Laser sensor.....257
LDA (Lane Departure Alert).....279
PCS (Pre-Crash Safety System) 257
Rain-sensing windshield wipers.....248
RSA (Road sign Assist) 293
Service reminder indicators 108
Shift lever 232
Hybrid transmission 232
If the shift lever cannot be shifted from P 234
Shift lock system 234
Side airbags 43
Side doors 152

*: For vehicles with navigation/multimedia system, refer to “Navigation and multimedia system Owner’s manual”.

Side mirrors **196**
Adjusting and folding 196
Heaters 390
Side turn signal lights **236**
Replacing light bulbs 494
Turn signal lever 236
Wattage 600
Smart entry & start system **164**
Antenna location 164
Entry functions 152, 159
Starting the engine 220
Warning lights 521
Warning messages 166
Snow tires **313**
Spare tire **556**
Inflation pressure 598
Storage location 557
Spark plug **596**
Specifications **590**
Speedometer **114, 117**
Steering lock **218, 226**
Steering wheel **191**
Adjustment 191
Audio switches 322
Meter control switches 126
Telephone switches 360
“TRIP” switch 118
Stop lights
Emergency brake signal 304
Replacing light bulbs 496, 502
Wattage 600
Storage feature **400**
Stuck
If the vehicle becomes stuck 587
Sun visors **407**
Switches
Audio remote control switches 322
Automatic High Beam switch 287
Cruise control switch 299
Door lock switch 156
Emergency flashers switch 506
EV drive mode switch 229
Fog light switch 244
Hazard switch 506
Ignition switch 216, 220
LDA (Lane Departure Alert) switch 280
Light switch 238
Meter control switches 126
Outside rear view mirror switches 196
PCS (Pre-Crash Safety system) switch 266
Power door lock switch 156
Power switch 216, 220
Power window switches 199
Rear window defogger switch 390

Rear window wiper and washer switch 250
Seat heater switches 396
Talk switch*
Telephone switches* 360
Tire pressure warning reset switch 454
"TRIP" switch 118
VSC OFF switch 304
Window lock switch 199
Windshield wipers and washer switch 246

T

Tail lights 238
Light switch 238
Replacing light bulbs 496, 502
Wattage 600
Talk switch* 360
Telephone switch* 360
Theft deterrent system
Double locking system 104
Immobilizer system 96
Tire inflation pressure 468
Maintenance data 598
Warning light 522
Tire pressure warning system
Function 453
Initializing 454
Installing tire pressure warning valves and transmitters 453
Registering ID codes 455
Tire pressure warning reset switch 454
Warning light 522
Tires 451
Chains 315
Checking 451
If you have a flat tire 537, 556
Inflation pressure 598
Replacing 537, 556
Rotating tires 452
Size 598
Snow tires 313
Spare tire 556
Tire pressure warning system 453
Warning light 522

*: For vehicles with navigation/multimedia system, refer to "Navigation and multimedia system Owner's manual".

Tools **539, 557**
Top strap **65**
Towing
Emergency towing 509
Towing eyelet 511
Trailer towing 215
Toyota Safety Sense **255**
Traction control **303**
Trailer towing **215**
Transmission **232**
Hybrid transmission 232
If the shift lever cannot be shifted from P 234
Trip meters **117, 122**
Turn signal lights **236**
Replacing light bulbs 493, 494, 496
Turn signal lever 236
Wattage 600

U

USB memory* **347**
USB port **323**

V

Vanity lights
Vanity lights 407
Wattage 600
Vanity mirrors **407**
Vehicle identification number **591**
Vehicle Stability Control (VSC) **303**
VSC (Vehicle Stability Control) **303**

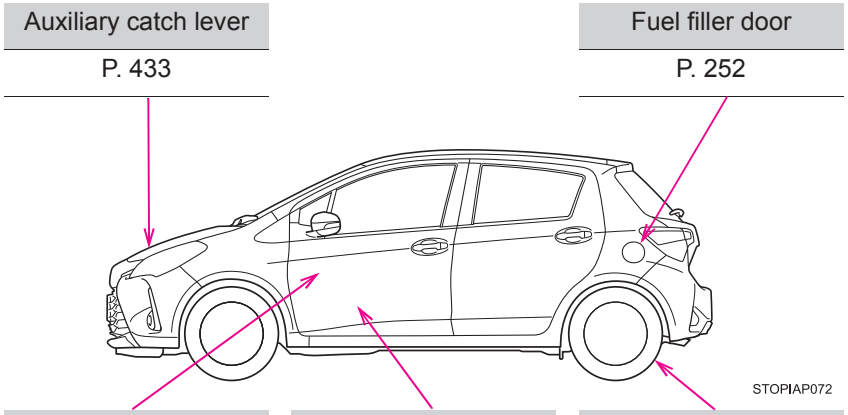
W

Warning buzzers
Brake system 517
Electric power steering 519
Hybrid system 518
Hybrid system overheat 522
Key reminder 218
LDA (Lane Departure Alert) 279
Open door 158
P position request 523
Parking brake 517
PCS (Pre-Crash Safety system) 262
RSA (Road Sign Assist) 293
Seat belt reminder 521
Smart entry & start system 165

Warning lights 109
ABS 519
Automatic High Beam 520
Brake system 517, 520
Charging system 517
Cruise control indicator 520
Electric power steering system 519
Engine coolant temperature 518
Engine oil pressure 518
Engine system 518
Go to service warning 524
High engine coolant temperature 518
Hybrid system 518
Hybrid system overheat 522
LDA (Lane Departure Alert) 520
Low engine oil pressure 518
Low fuel level 521
Low traction battery 521
Malfunction indicator lamp 518
Master warning 522
Open door 521
P position request 523
PCS (Pre-Crash Safety system) 519
Seat belt reminder light 521
Slip indicator 520
Smart entry & start system 521, 529
SRS 518
Tire pressure 522
Warning messages 531
Washer 246, 250
Checking 443
Preparing and checking before winter 313
Switch 246, 250
Washing and waxing 414
Weight 590
Wheels 470
Replacing 556
Size 598
Window glasses 199
Window lock switch 199
Windows 199
Power windows 199
Rear window defogger 390
Washer 246, 250
Windshield wipers 246
Intermittent windshield wipers 246
Rain-sensing windshield wipers 247
Winter driving tips 313
Wireless remote control key 141
Battery-saving function 167
Locking/Unlocking 141
Replacing the battery 477
WMA disc* 330

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GAS STATION INFORMATION



Fuel tank capacity (Reference)	36 L (9.5 gal., 7.9 Imp.gal.)
Fuel type	P. 592, 601
Cold tire inflation pressure	P. 598
Engine oil capacity (Drain and refill — reference)	P. 593
Engine oil type	P. 594