



Owner's Manual

For your safety and comfort, read carefully and keep in the vehicle.

COROLLA ALTIS



INDUS MOTOR COMPANY LIMITED

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 advice which are necessary for driving	
5 Interior features	Usage of the interior features, etc.	
6 Maintenance and care	Caring for your vehicle and maintenance procedures	
7 When trouble arises	What to do in case of malfunction or emergency	
8 Vehicle specifications and other specifications	Vehicle specifications, customizable features and other specifications, etc.	
Index	Search by symptom	
	Search alphabetically	

For your information	6
Reading this manual.....	12
How to search	13
Pictorial index	14

1 For safety and security

1-1. For safe use	
Before driving.....	24
For safe driving	26
Seat belts	28
SRS airbags.....	33
Safety information for children	40
Child restraint systems	41
Installing child restraints	51
Exhaust gas precautions	60
1-2. Theft deterrent system	
Engine immobilizer system	61
Alarm	63

2 Instrument cluster

2. Instrument cluster	
Warning lights and indicators	66
Gauges and meters	70
Multi-information display	72
Eco Driving Indicator.....	76

3 Operation of each component

3-1. Key information	
Keys	80
3-2. Opening, closing and locking the doors	
Doors.....	84
Trunk	93
Smart entry & start system.....	97
3-3. Adjusting the seats	
Front seats	104
Rear seats	105
Head restraints	107
3-4. Adjusting the steering wheel and mirrors	
Steering wheel	109
Inside rear view mirror.....	111
Outside rear view mirrors	113
3-5. Opening and closing the windows	
Power windows	116
Moon roof	119

4 Driving

4-1. Before driving

- Driving the vehicle 124
- Cargo and luggage 135
- Trailer towing 137

4-2. Driving procedures

- Engine (ignition) switch
(vehicles without a
smart entry &
start system) 138
- Engine (ignition) switch
(vehicles with a
smart entry &
start system) 140
- Continuously variable
transmission 145
- Manual transmission 150
- Turn signal lever 152
- Parking brake 153

4-3. Operating the lights and wipers

- Headlight switch 154
- Fog light switch 157
- Windshield wipers and
washer 159

4-4. Refueling

- Opening the fuel tank
cap 162

4-5. Using the driving support systems

- Cruise control 165
- Driving assist systems 169

4-6. Driving tips

- Winter driving tips 173

5 Interior features

5-1. Using the air conditioning system and defogger

- Manual air conditioning
system 178
- Automatic air conditioning
system 184

5-2. Using the interior lights

- Interior lights list 191
 - Personal lights 192
 - Vanity lights 192
 - Interior light 193

5-3. Using the storage features

- List of storage features 194
 - Glove box 195
 - Console box 195
 - Bottle holders 196
 - Cup holders 197
 - Auxiliary boxes 199

5-4. Other interior features

- Other interior features 200
 - Sun visors 200
 - Vanity mirrors 200
 - Clock 200
 - Outside temperature
display 201
 - Power outlet 202
 - Audio remote control
switches 203
 - Assist grips 204
 - Armrest 204

6 Maintenance and care**6-1. Maintenance and care**

- Cleaning and protecting
the vehicle exterior.....206
- Cleaning and protecting
the vehicle interior 211

6-2. Maintenance

- Maintenance
requirements.....214
- Scheduled maintenance 217

**6-3. Do-it-yourself
maintenance**

- Do-it-yourself service
precautions 224
- Hood 227
- Positioning a floor jack.....229
- Engine compartment.....230
- Tires.....242
- Tire inflation pressure 245
- Wheels 247
- Air conditioning filter 249
- Wireless remote control/
electronic key battery.....251
- Checking and replacing
fuses 256
- Light bulbs 259

7 When trouble arises**7-1. Essential information**

- Emergency flashers 272
- If your vehicle has
to be stopped in
an emergency 273
- If the vehicle is
submerged or water
on the road is rising..... 275

**7-2. Steps to take in
an emergency**

- If your vehicle needs
to be towed 276
- If you think something is
wrong 281
- Fuel pump shut off
system..... 282
- If a warning light turns
on or a warning
buzzer sounds..... 283
- If a warning message or
indicator is displayed..... 286
- If you have a flat tire 295
- If the engine will not
start 304
- If the electronic key does
not operate properly..... 306
- If the vehicle battery
is discharged 308
- If your vehicle
overheats 312
- If the vehicle becomes
stuck..... 315

8	Vehicle specifications and other specifications	
8-1. Specifications		
	Maintenance data (fuel, oil level, etc.).....	318
	Fuel information	327
8-2. Customization		
	Customizable features	328
8-3. Other specifications		
	Toyota parking assist-sensor	334
	USB charging ports.....	340
	Index	
	What to do if... (Troubleshooting)	344
	Alphabetical index	349
	Certifications.....	359

1

2

3

4

5

6

7

8

For your information

Main Owner's Manual

Please note that this manual applies to all models and 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

A wide variety of non-genuine spare parts and accessories for Toyota vehicles are currently available in the market. Using these spare parts and accessories which are not genuine Toyota products may adversely affect the safety of your vehicle, even though these parts may be approved by certain authorities in your country. Toyota Motor Corporation therefore cannot accept any liability or guarantee spare parts and accessories which are not genuine Toyota products, nor for replacement or installation involving such parts.

This vehicle should not be modified with non-genuine Toyota products. Modification with non-genuine Toyota products could affect its performance, safety or durability, and may even violate governmental regulations. In addition, damage or performance problems resulting from the modification may not be covered under warranty.

Cyber Attack Risk

Installing electronic devices and radios increases the risk of cyber attacks through the installed parts, which may lead to unexpected accidents and leakage of personal information. Toyota does not make any guarantees for problems caused by installing non-genuine Toyota products.

Installation of an RF-transmitter system

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

- Multiport fuel injection system/sequential multiport fuel injection system
- Cruise control system (if equipped)
- Anti-lock brake system
- SRS airbag system
- Seat belt pretensioner system

Be sure to check with your Toyota dealer 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 your Toyota dealer.

Vehicle data recording

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

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

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

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

● Data usage

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

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

- With the consent of the vehicle owner or with the consent of the lessee if the vehicle is leased
- In response to an official request by the police, a court of law or a government agency
- For use by Toyota in a lawsuit
- For research purposes where the data is not tied to a specific vehicle or vehicle owner

Event data recorder

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

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

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

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

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

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

● Disclosure of the EDR data

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

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

However, if necessary, Toyota may:

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

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 your Toyota dealer before you scrap your vehicle.

“QR code”

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

Caution symbols attached to the high voltage components

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

Each caution symbol indicates the following:

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

**WARNING****■ General precautions while driving**

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

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

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

■ General precaution regarding children's safety

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

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

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.



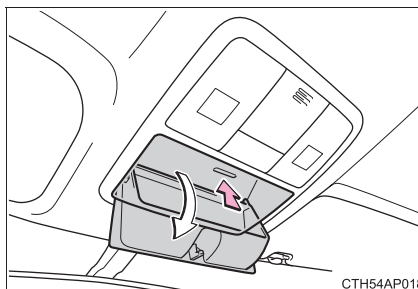
Indicates operating or working procedures. Follow the steps in numerical order.



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



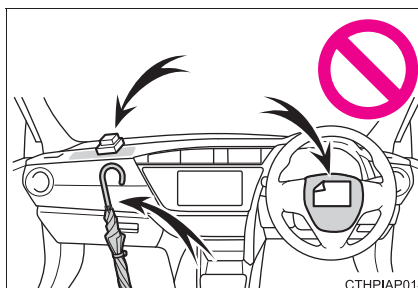
Indicates the outcome of an operation (e.g. a lid opens).



Indicates the component or position being explained.



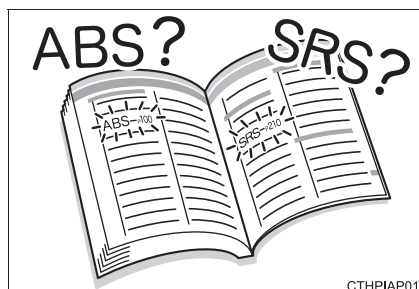
Means “Do not”, “Do not do this”, or “Do not let this happen”.



How to search

■ Searching by name

- Alphabetical index P. 349



CTHPIAP015

■ Searching by installation position

- Pictorial index P. 14



CTHPIAP016

■ Searching by symptom or sound

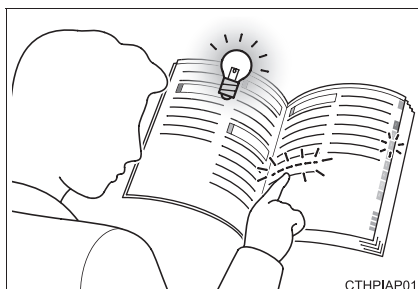
- What to do if...
(Troubleshooting) P. 344



CTHPIAP017

■ Searching by title

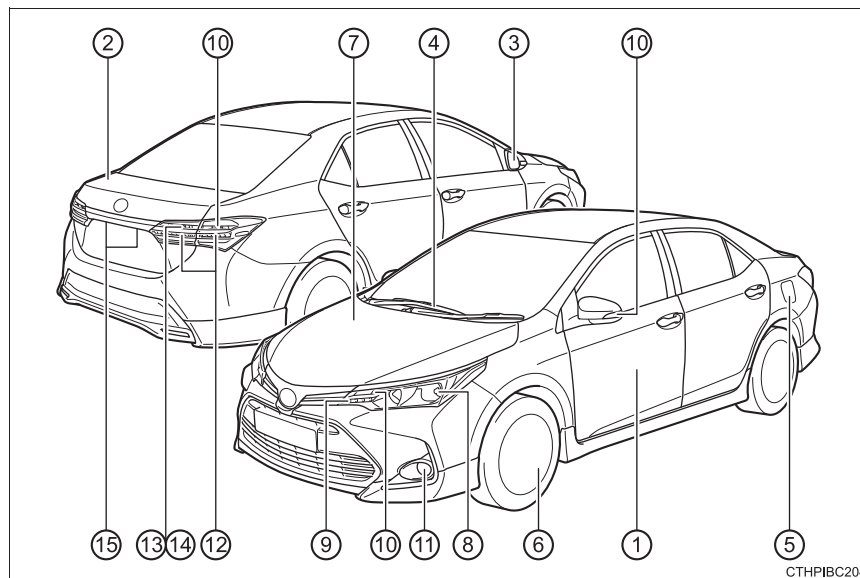
- Table of contents P. 2



CTHPIAP018

Pictorial index

■ Exterior



- ① **Doors** **P. 84**
 Locking/unlocking P. 84, 87
 Opening/closing the side windows P. 116
 Locking/unlocking by using the mechanical key* P. 306
 Warning messages P. 283, 286
- ② **Trunk** **P. 93**
 Opening from inside P. 93
 Opening from outside P. 93
 Warning messages P. 283, 286
- ③ **Outside rear view mirrors** **P. 113**
 Adjusting the mirror angle P. 113
 Folding the mirrors P. 114

- ④ **Windshield wipers** **P. 159**
 - Precautions against winter season P. 173
 - Precautions against car wash P. 208
- ⑤ **Fuel filler door** **P. 162**
 - Refueling method P. 162
 - Fuel type/fuel tank capacity P. 320, 327
- ⑥ **Tires** **P. 242**
 - Tire size/inflation pressure P. 325
 - Winter tires/tire chain P. 173
 - Checking/rotation P. 242
 - Coping with flat tires P. 295
- ⑦ **Hood** **P. 227**
 - Opening P. 227
 - Engine oil P. 320
 - Coping with overheat P. 312

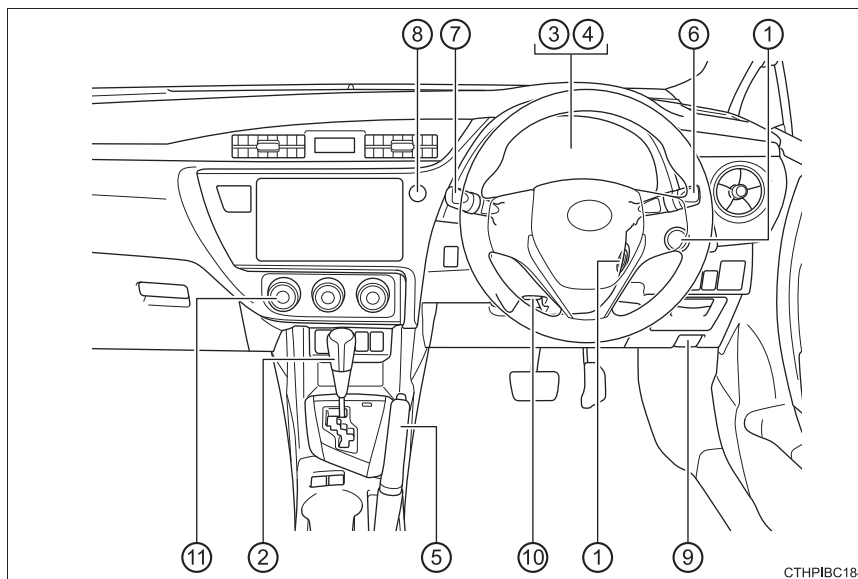
Light bulbs of the exterior lights for driving

(Replacing method: P. 259, Watts: P. 326)

- ⑧ **Headlights** **P. 154**
- ⑨ **Front position lights/daytime running lights*** **P. 154**
- ⑩ **Turn signal lights** **P. 152**
- ⑪ **Front fog lights*** **P. 157**
- ⑫ **Stop/tail lights** **P. 154**
- ⑬ **Back-up lights**
 - Shifting the shift lever to R. P. 145, 150
- ⑭ **Rear fog light*** **P. 157**
- ⑮ **License plate lights** **P. 154**

*: If equipped

■ **Instrument panel**



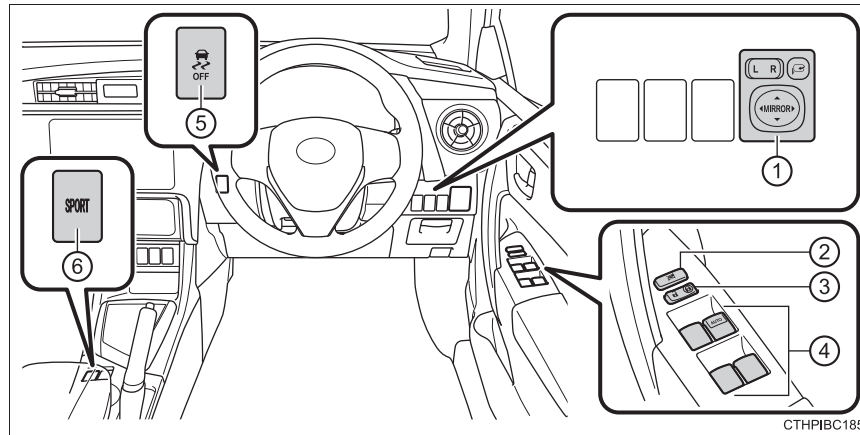
CTHPIBC184

- ① **Engine switch** **P. 138, 140**
 Starting the engine/changing the positions or modes ... P. 138, 140
 Emergency stop of the engine. P. 273
 When the engine will not start P. 304
 Warning messages P. 286
- ② **Shift lever** **P. 145, 150**
 Changing the shift position P. 145, 150
 Precautions against towing P. 276
 When the shift lever does not move*1 P. 149
- ③ **Meters** **P. 70**
 Reading the meters/adjusting the meter light P. 70
 Warning lights/indicator lights P. 66
 When the warning lights come on P. 283

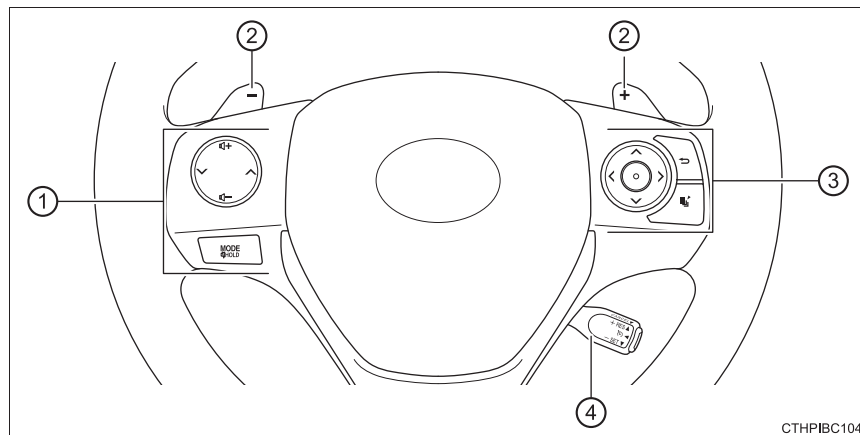
- ④ **Multi-information display** **P. 72**
When the warning messages are displayed P. 286
- ⑤ **Parking brake** **P. 153**
Applying/releasing P. 153
Precautions against winter season P. 174
Warning buzzer/message P. 283, 286
- ⑥ **Turn signal lever** **P. 152**
Headlight switch **P. 154**
Headlights/front position lights/tail lights/
daytime running lights*² P. 154
Front fog lights*² P. 157
Rear fog light*² P. 157
- ⑦ **Windshield wiper and washer switch** **P. 159**
Usage P. 159
Adding washer fluid P. 241
- ⑧ **Emergency flasher switch** **P. 272**
- ⑨ **Hood lock release lever** **P. 227**
- ⑩ **Tilt and telescopic steering lock release lever** **P. 109**
- ⑪ **Air conditioning system** **P. 178, 184**
Usage P. 178, 184
Rear window defogger P. 180, 187

*¹: Except for manual transmission
*²: If equipped

Switches



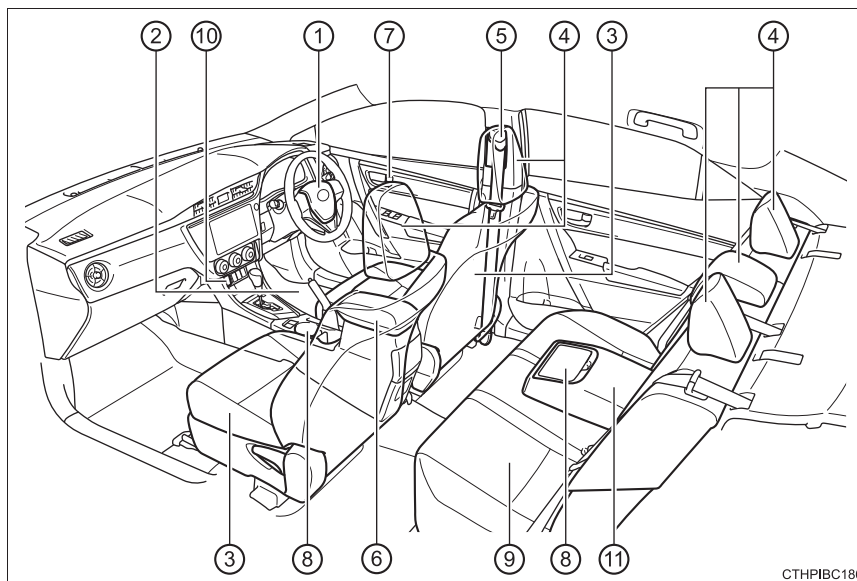
- ① Outside rear view mirror switches P. 113
- ② Window lock switch P. 116
- ③ Door lock switch P. 87
- ④ Power window switches P. 116
- ⑤ VSC OFF switch* P. 170
- ⑥ Sport mode switch* P. 146



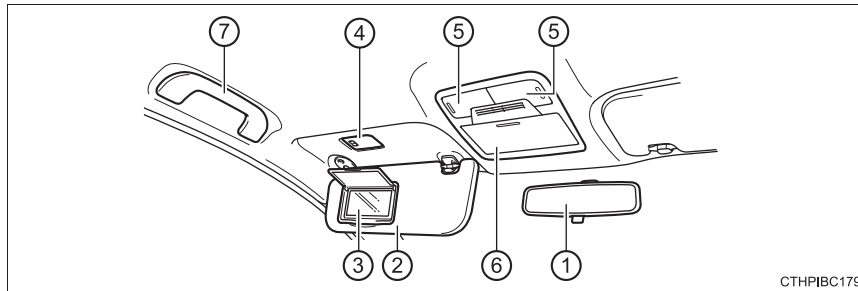
- ① Audio remote control switches P. 203
- ② Paddle shift switches* P. 147
- ③ Meter control switches P. 72
- ④ Cruise control switch* P. 165

*: If equipped

Interior



- | | |
|-----------------------------|--------|
| ① SRS airbags | P. 33 |
| ② Floor mat | P. 24 |
| ③ Front seats | P. 104 |
| ④ Head restraints | P. 107 |
| ⑤ Seat belts | P. 28 |
| ⑥ Console box | P. 195 |
| ⑦ Inside lock buttons | P. 87 |
| ⑧ Cup holders | P. 197 |
| ⑨ Rear seats | P. 105 |
| ⑩ Power outlet | P. 202 |
| ⑪ Armrest | P. 204 |



CTHPIBC179

- ① Inside rear view mirror P. 111
- ② Sun visors*¹ P. 200
- ③ Vanity mirrors*² P. 200
- ④ Vanity lights*² P. 192
- ⑤ Personal lights P. 192
- ⑥ Auxiliary boxes*² P. 199
- ⑦ Assist grips P. 204

*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. 58)

*²: If equipped



For safety and security**1****1-1. For safe use**

Before driving.....	24
For safe driving	26
Seat belts.....	28
SRS airbags.....	33
Safety information for children	40
Child restraint systems	41
Installing child restraints	51
Exhaust gas precautions	60

1-2. Theft deterrent system

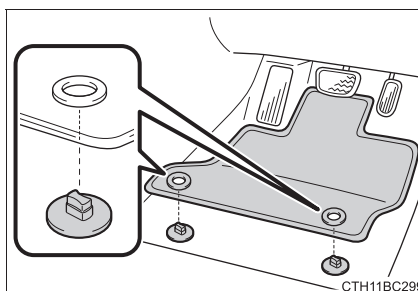
Engine immobilizer system	61
Alarm	63

Before driving

Floor mat

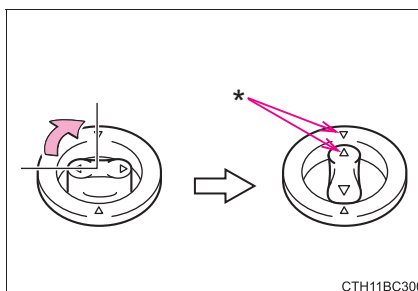
Use only floor mats designed specifically for vehicles of the same model and model year as your vehicle. Fix them securely in place onto the carpet.

- 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 $\triangle$ marks.



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

⚠ WARNING

Observe the following precautions.

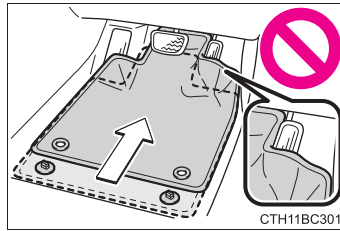
Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle. This could lead to an accident, resulting in death or serious injury.

■ 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 engine stopped and the shift lever in P (except for manual transmission) or N (manual transmission), fully depress each pedal to the floor to make sure it does not interfere with the floor mat.

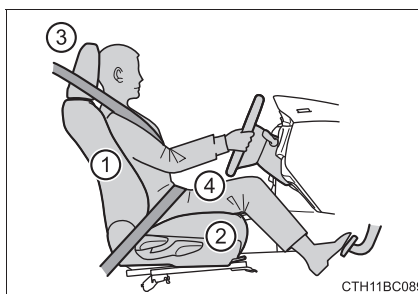


For safe driving

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

Correct driving posture

- 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. 104)
- 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. 104)
- ③ Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P. 107)
- ④ Wear the seat belt correctly. (→P. 28)



Correct use of the seat belts

Make sure that all occupants are wearing their seat belts before driving the vehicle. (→P. 28)

Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt. (→P. 41)

Adjusting the mirrors

Make sure that you can see backward clearly by adjusting the inside and outside rear view mirrors properly. (→P. 111, 113)

WARNING

Observe the following precautions.

Failure to do so may result in death or serious injury.

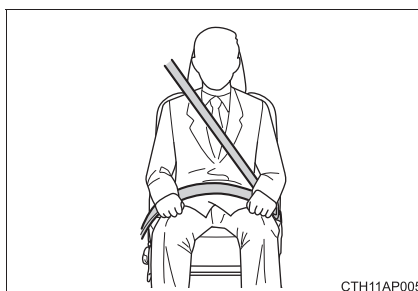
- Do not adjust the position of the driver's seat while driving.
Doing so could cause the driver to lose control of the vehicle.
- Do not place a cushion between the driver or passenger and the seatback.
A cushion may prevent correct posture from being achieved, and reduce the effectiveness of the seat 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.
- Take care when adjusting the seat position to ensure that other passengers are not injured by the moving seat.
- When adjusting the seat position, 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 belts

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

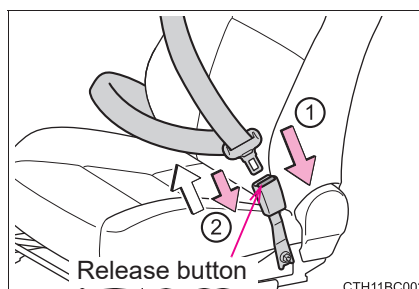
Correct use of the seat belts

- 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 seatback. Sit up straight and well back in the seat.
- Do not twist the seat belt.



Fastening and releasing the seat belt

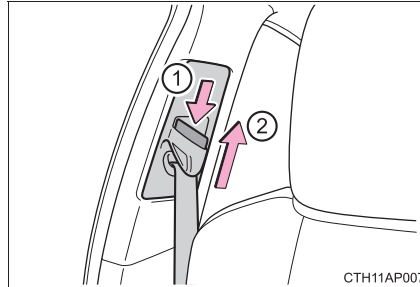
- ① To fasten the seat belt, push the plate into the buckle until a click sound is heard.
- ② To release the seat belt, press the release button.



Adjusting the seat belt shoulder anchor height (front seats)

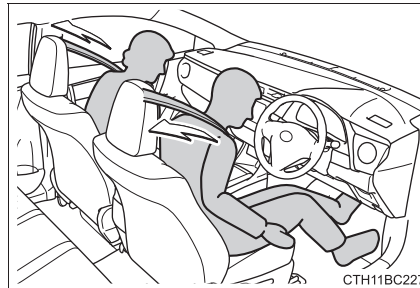
- ① Push the seat belt shoulder anchor down while pressing the release button.
- ② Push the seat belt shoulder anchor up.

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

**Seat belt pretensioners (front seats)**

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

The pretensioners do not activate in the event of a minor frontal impact, a 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. 41)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions regarding seat belt usage. (→P. 28)

■ Replacing the belt after the pretensioner has been activated (front seats)

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 your Toyota dealer 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

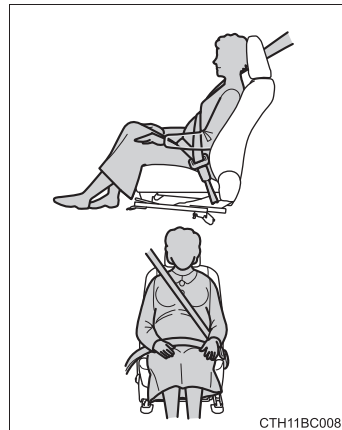
- Ensure that all passengers wear a seat belt.
- Always wear a seat belt properly.
- Each seat belt should be used by one person only. Do not use a seat belt for more than one person at once, including children.
- Toyota recommends that children be seated in the rear seat and always use a seat belt and/or 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. 28)

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.



**WARNING****■ People suffering illness**

Obtain medical advice and wear the seat belt in the proper way. (→P. 28)

■ When children are in the vehicle

Do not allow children to play with the seat belt. If the seat belt becomes twisted around a child's neck, it may lead to choking or other serious injuries that could result in death.

If this occurs and the buckle cannot be unfastened, scissors should be used to cut the belt.

■ Seat belt pretensioners (front seats)

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 your Toyota dealer.

■ Adjustable shoulder anchor (front seats)

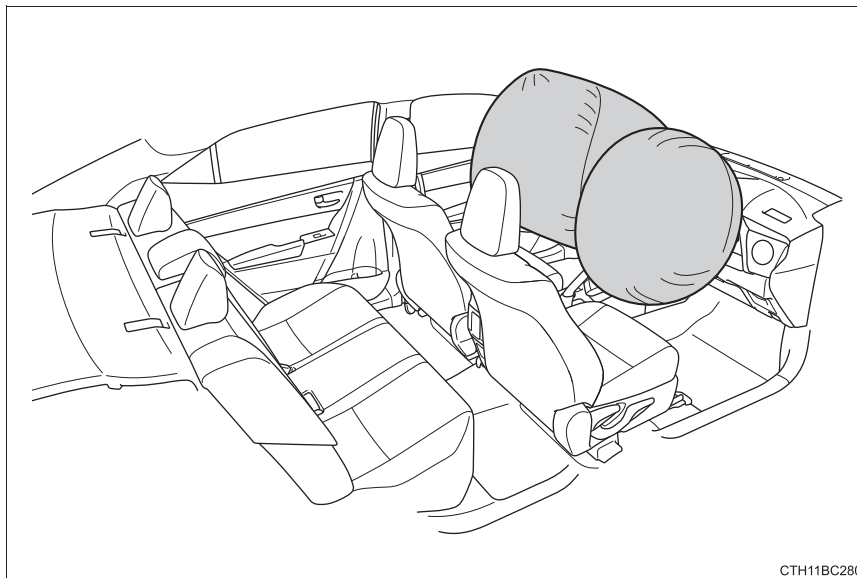
Always make sure the shoulder belt is positioned across the center of your shoulder. The belt should be kept away from your neck, but not falling off your shoulder. Failure to do so could reduce the amount of protection in an accident and cause death or serious injuries in the event of a sudden stop, sudden swerve or accident. (→P. 29)

■ 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 your Toyota dealer.
- 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 your Toyota dealer. Inappropriate handling may lead to incorrect operation.

SRS airbags

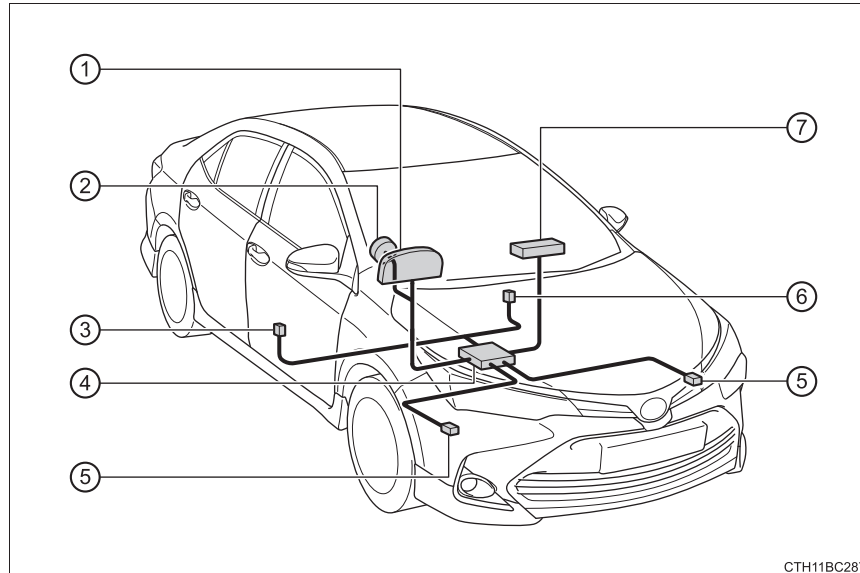
The SRS airbags inflate when the vehicle is subjected to certain types of severe impacts that may cause significant injury to the occupants. They work together with the seat belts to help reduce the risk of death or serious injury.



CTH11BC280

SRS driver airbag/front passenger airbag

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

SRS airbag system components

- | | |
|---|--|
| ① SRS warning light | ⑤ Front impact sensors |
| ② Driver airbag | ⑥ Front passenger seat belt pretensioner and force limiter |
| ③ Driver seat belt pretensioner and force limiter | ⑦ Front passenger airbag |
| ④ Airbag sensor assembly | |

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

**WARNING**

■ **SRS airbag precautions**

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

- The driver and all passengers in the vehicle must wear their seat belts properly.

The SRS airbags are supplemental devices to be used with the seat belts.

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

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

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

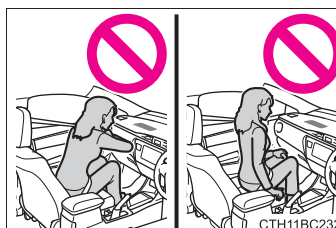
The seat should be adjusted as recommended above, while still maintaining control of the foot pedals, steering wheel, and your view of the instrument panel controls.

- The SRS front passenger airbag also deploys with considerable force, and can cause death or serious injury especially if the front passenger is very close to the airbag. The front passenger seat should be as far from the airbag as possible with the seatback adjusted, so the front passenger sits upright.
- Improperly seated and/or restrained infants and children can be killed or seriously injured by a deploying airbag. An infant or child who is too small to use a seat belt should be properly secured using a child restraint system. Toyota strongly recommends that all infants and children be placed in the rear seats of the vehicle and properly restrained. The rear seats are safer for infants and children than the front passenger seat. (→P. 41)

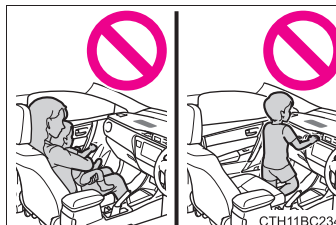
⚠ WARNING

■ **SRS airbag precautions**

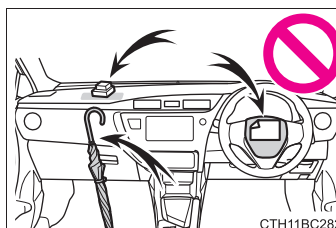
- Do not sit on the edge of the seat or lean against the dashboard.



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



- Do not 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.



- 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.
- If the areas where the SRS airbags are stored, such as the steering wheel pad, are damaged or cracked, have them replaced by your Toyota dealer.

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

Do not dispose of your vehicle or perform any of the following modifications without consulting your Toyota dealer. 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 or dashboard
- Repairs or modifications of the front fender or front bumper
- Installation of a grille guard (bull bars, kangaroo bar, etc.), snow plows or winches
- Modifications to the vehicle's suspension system
- Installation of electronic devices such as mobile two-way radios (RF-transmitter) or CD players
- Modifications to your vehicle for a person with a physical disability

■ If the SRS airbags deploy (inflate)

- Slight abrasions, burns, bruising etc., may be sustained from SRS airbags, due to the extremely high speed deployment (inflation) by hot gases.
- A loud noise and white powder will be emitted.
- Parts of the airbag module (steering wheel hub, airbag cover and inflator) as well as the front seats 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).

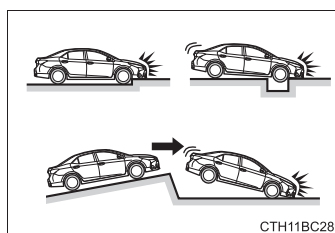
However, this threshold velocity will be considerably higher in the following situations:

- 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.

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

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

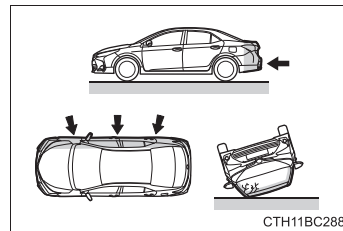
- Hitting a curb, edge of pavement or hard surface
- Falling into or jumping over a deep hole
- Landing hard or falling



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

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

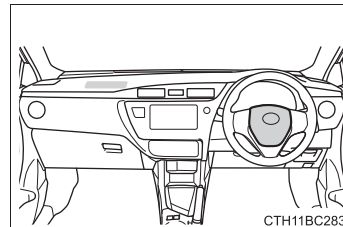
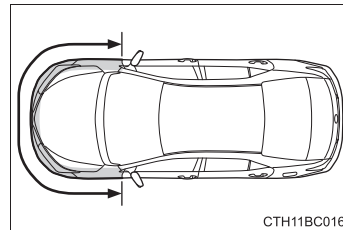
- Collision from the side
- Collision from the rear
- Vehicle rollover



■ When to contact your Toyota dealer

In the following cases, the vehicle will require inspection and/or repair. Contact your Toyota dealer 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.
- The pad section of the steering wheel or dashboard near the front passenger airbag is scratched, cracked, or otherwise damaged.



Safety information for children

Observe the following precautions when children are in the vehicle.

Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle's seat belt.

- It is recommended that children sit in the rear seats to avoid accidental contact with the shift lever, wiper switch etc.
- Use the rear door child-protector lock or the window lock switch to avoid children opening the door while driving or operating the power window accidentally.
- Do not let small children operate equipment which may catch or pinch body parts, such as the power window, hood, trunk, seats etc.

WARNING

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

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

Child restraint systems

Toyota strongly urges the use of child restraint systems.

Points to remember

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

- Choose a child restraint system that suits your vehicle and is appropriate to the age and size of the child.
- For installation details, follow the instructions provided with the child restraint system.

General installation instructions are provided in this manual.

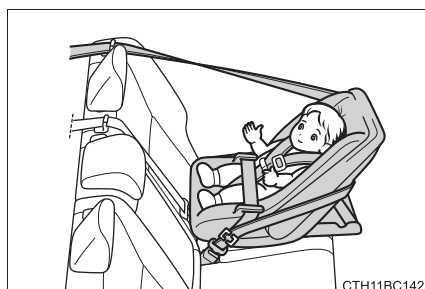
(→P. 51)

- If child restraint system regulations exist in the country where you reside, please contact your Toyota dealer for the child restraint system installation.

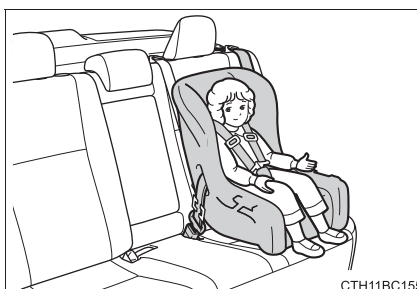
Types of child restraints

Child restraint systems are classified into the following 3 types according to the age and size of the child:

► Baby seat (infant seat)



► Child seat (convertible seat)



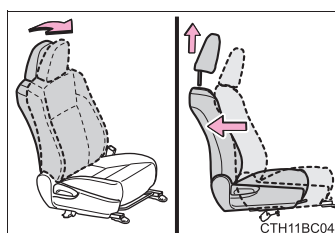
► Junior seat (booster seat)



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

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

- The seatback to the most upright position.
- Remove the head restraint, if it interferes with your child restraint system.
- Move the seat as far back as possible.



■ Selecting an appropriate child restraint system

- Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt.
- If the child is too large for a child restraint system, sit the child on a rear seat and use the vehicle's seat belt. (→P. 28)

Child restraint system compatibility for each seating position

■ Child restraint system compatibility for each seating position

Compatibility of each seating position with child restraint systems (→P. 45) displays the type of child restraint systems that can be used and possible seating positions for installation using symbols.

Check the selected child restraint system together with the following [Before confirming the compatibility of each seating position with child restraint systems].

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

1 Checking the child restraint system standards.

Use a child restraint system that conforms to UN(ECE) R44*¹ or UN(ECE) R129*^{1, 2}.

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

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

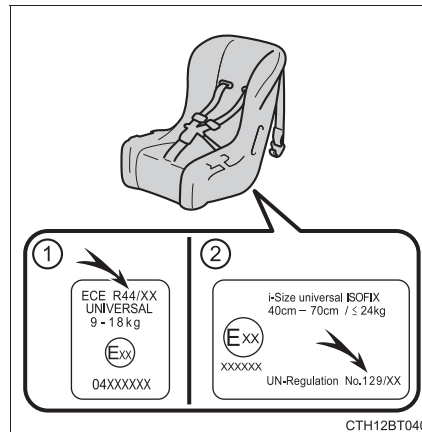
Example of the displayed regulation number

① UN(ECE) R44 approval mark*³

The weight range of the child who is applicable for an UN(ECE) R44 approval mark is indicated.

② UN(ECE) R129 approval mark*³

The height range of the child who is applicable as well as available weights for an UN(ECE) R129 approval mark is indicated.



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

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

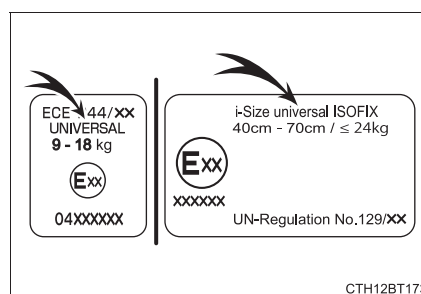
*3: The displayed mark may differ depending on the product.

2 Checking the category of the child restraint system.

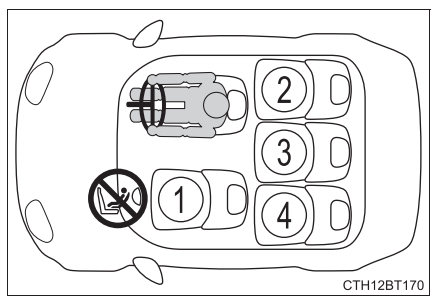
Check the approval mark of the child restraint system for which of the following categories the child restraint system is suitable.

Also, if there are any uncertainties, check the user's guide included with the child restraint system or contact the retailer of the child restraint system.

- “universal”
- “semi-universal”
- “restricted”
- “vehicle specific”



■ Compatibility of each seating position with child restraint systems

	*1, 2, 3 ①	*4 
	*3 ②	  
	③	
	*3 ④	  



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



Suitable for ISOFIX child restraint system.



Includes a top tether anchorage point.

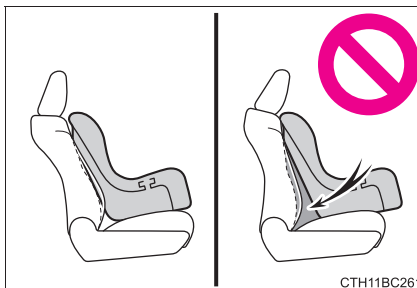


Never use a rear-facing child restraint system on the front passenger seat.

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

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

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



*3: If the head restraint interferes with your child restraint system, and the head restraint can be removed, remove the head restraint.

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

*4: Use only a front-facing child restraint system.

■ Detail information for child restraint systems installation

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

ISOFIX child restraint systems are divided into different “fixture”. The child restraint system can be used in the seating positions for “fixture” mentioned in the table above. For kind of “fixture” relation, confirm the following table.

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

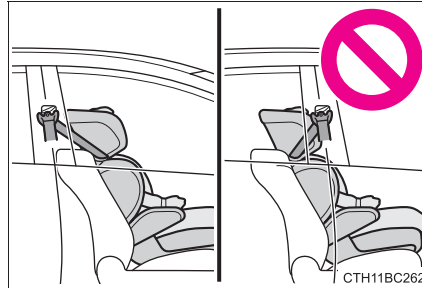
Fixture	Description
F3	Full-height, forward-facing child restraint systems
F2	Reduced-height forward-facing child restraint systems
F2X	Reduced-height forward-facing child restraint systems
R3	Full-size, rearward-facing child restraint systems
R2	Reduced-size, rearward-facing child restraint systems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

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

Failure to do so may result in death or serious injury.

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

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



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

**WARNING****■ Child restraint precautions**

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

■ When children are in the vehicle

Do not allow children to play with the seat belt. If the seat belt becomes twisted around a child's neck, it may lead to choking or other serious injuries that could result in death.

If this occurs and the buckle cannot be unfastened, scissors should be used to cut the belt.

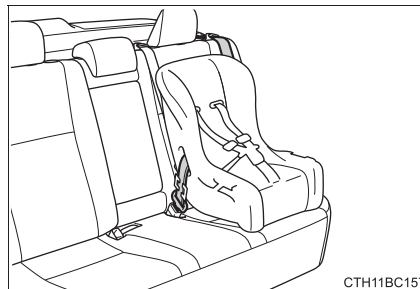
■ When the child restraint system is not in use

- Keep the child restraint system properly secured on the seat even if it is not in use. Do not store the child restraint system unsecured in the passenger compartment.
- If it is necessary to detach the child restraint system, remove it from the vehicle or store it securely in the trunk. If a head restraint was removed when installing a child restraint system, always install the head restraint before driving. This will prevent it from injuring passengers in the event of a sudden stop or accident.

Installing child restraints

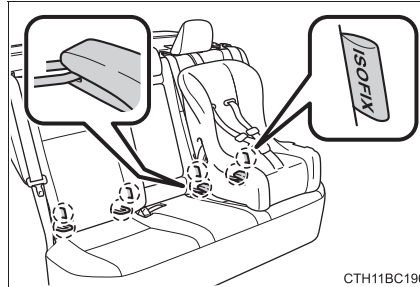
Follow the child restraint system manufacturer's instructions. Firmly secure child restraints to the seats using a seat belt or ISOFIX rigid anchors. Attach the top strap when installing a child restraint.

Seat belts (An ELR belt requires a locking clip)



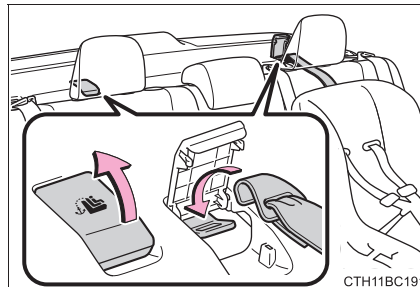
ISOFIX rigid anchors (ISOFIX child restraint system)

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



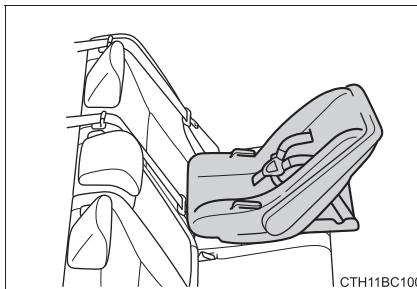
Anchor brackets (for top strap)

The anchor brackets are provided for the outboard rear seats.

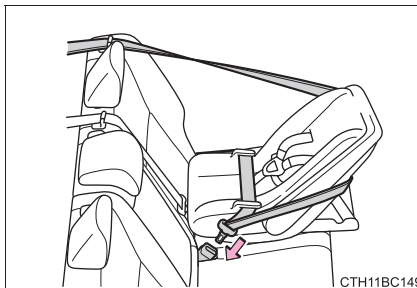


Installing child restraints using a seat belt**■ Rear-facing — Baby seat (infant seat)/child seat (convertible seat)**

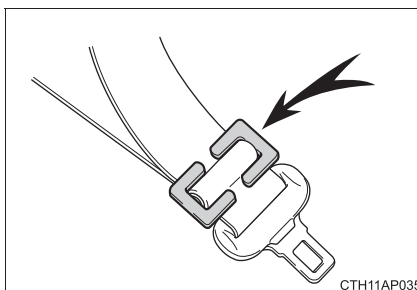
- 1 Place the child restraint system on the rear seat facing the rear of the vehicle.



- 2 Run the seat belt through the child restraint system and insert the plate into the buckle. Make sure that the belt is not twisted.



- 3 Install a locking clip near the tab of the lap and shoulder belt by inserting the lap and shoulder webbing through the recesses of the locking clip. Buckle the belt again. If the belt has any slack, release the buckle and reinstall the locking clip.

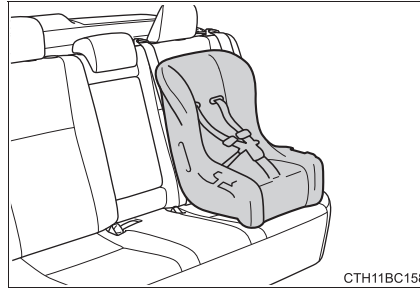


After installing the child restraint system, rock it back and forth to ensure that it is installed securely.

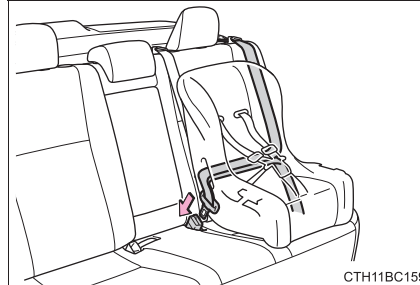
■ Forward-facing — Child seat (convertible seat)

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

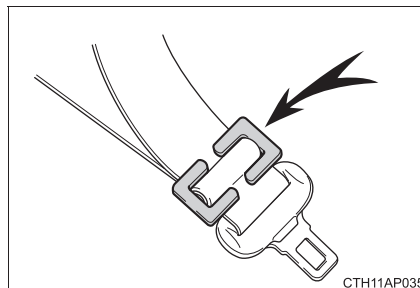
If your child restraint system interferes with a head restraint and cannot be installed properly, install the child restraint system after removing the head restraint. (→P. 107)



- 2 Run the seat belt through the child restraint system and insert the plate into the buckle. Make sure that the belt is not twisted.



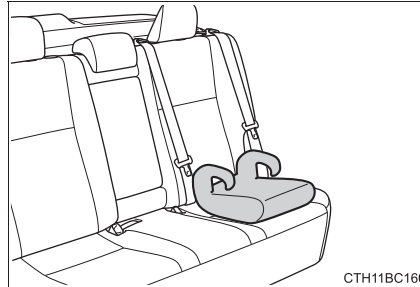
- 3 Install a locking clip near the tab of the lap and shoulder belt by inserting the lap and shoulder webbing through the recesses of the locking clip. Buckle the belt again. If the belt has any slack, release the buckle and reinstall the locking clip.



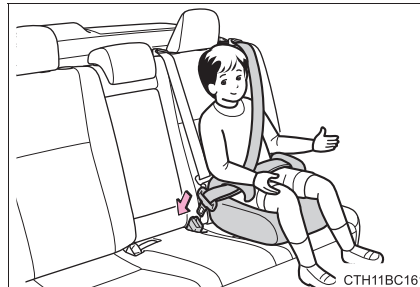
After installing the child restraint system, rock it back and forth to ensure that it is installed securely.

■ Junior seat (booster seat)

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



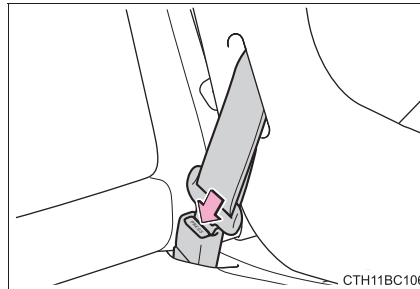
- 2 Sit the child in the child restraint system. Fit the seat belt to the child restraint system according to the manufacturer's instructions and insert the plate into the buckle. Make sure that the belt is not twisted.



Check that the shoulder belt is correctly positioned over the child's shoulder and that the lap belt is as low as possible.
(→P. 28)

Removing a child restraint installed with a seat belt

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

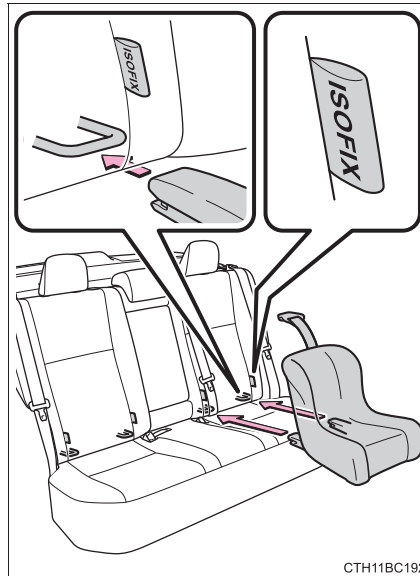


Installation with ISOFIX rigid anchor

- 1 Widen the gap between the seat cushion and seatback slightly.
- 2 Latch the buckles onto the exclusive fixing bars.

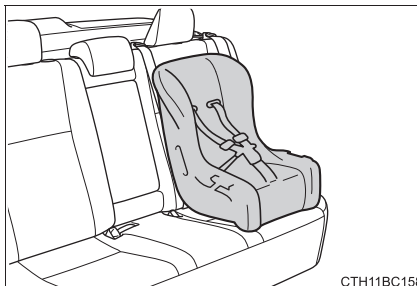
If the child restraint has a top strap, the top strap should be latched onto the anchor bracket.

If your child restraint system interferes with a head restraint and cannot be installed properly, install the child restraint system after removing the head restraint. (→P. 107)

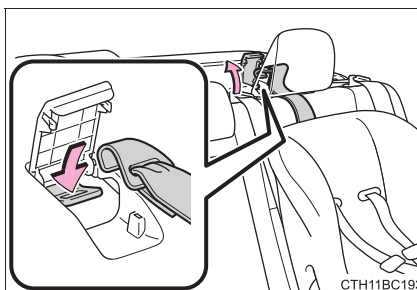


Child restraint systems with a top strap

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



- 2 Open the anchor fitting cover. Pull the head restraint up (→P. 107) and pass the strap between the head restraint supports. Latch the hook onto the anchor bracket and tighten the top strap. Then, push the head restraint down.



Make sure the top strap is securely latched.

When installing a child restraint system

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

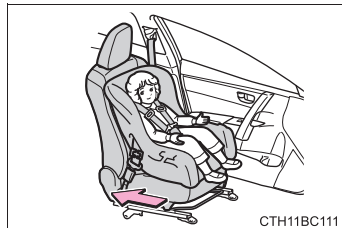
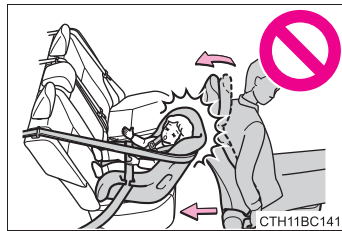
Locking clip for child restraint system
(Part No. 73119-22010)

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

Follow the directions given in the child restraint system installation manual and fix the child restraint system securely in place.

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

- If the driver's seat interferes with the child restraint system and prevents it from being attached correctly, attach the child restraint system to the left-hand rear seat.
- Adjust the front passenger seat so that it does not interfere with the child restraint system.
- Only put a forward-facing child restraint system on the front seat when unavoidable. When installing a forward-facing child restraint system on the front passenger seat, move the seat as far back as possible and remove the head restraint. Failure to do so may result in death or serious injury if the airbags deploy (inflate).



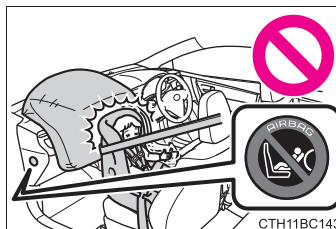
WARNING

■ When installing a child restraint system

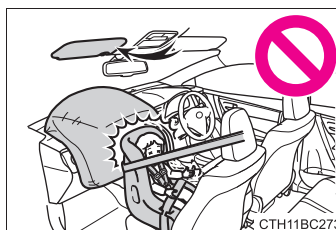
- Never use a rear-facing child restraint system on the front passenger seat.

The force of the rapid inflation of the front passenger airbag can cause death or serious injury to children in the event of an accident.

- There is a sticker on the passenger side of the instrument panel, both indicating it is forbidden to attach a rear-facing child restraint system to the front passenger seat.



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



**WARNING****■ When installing a child restraint system**

- If child restraint system regulations exist in the country where you reside, please contact your Toyota dealer for the child restraint system installation.
- When installing a child restraint system on the rear center seat, adjust both seatbacks as upright as possible. The seatbacks must be adjusted to the same angle. Otherwise, the child restraint system cannot be securely restrained and this may cause death or serious injuries in the event of sudden braking, sudden swerving or an accident.
- When a junior (booster) seat is installed, always ensure that the shoulder belt is positioned across the center of the child's shoulder. The belt should be kept away from the child's neck, but not so that it could fall off the child's shoulder. Failing to do so may result in death or serious injury in the event of sudden braking, sudden swerving or an accident.
- Ensure that the belt and plate are securely locked and the seat belt is not twisted.
- Shake the child restraint system left and right, and forward and backward to ensure that it has been securely installed.
- After securing a child restraint system, never adjust the seat.
- Follow all installation instructions provided by the child restraint system manufacturer.

■ To correctly attach a child restraint system to the anchors

When using the 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. Make sure the child restraint system is securely attached, or it may cause death or serious injury to the child or other passengers in the event of a sudden braking, sudden swerving or an accident.

Exhaust gas precautions

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

WARNING

Exhaust gases include harmful carbon monoxide (CO), which is colorless and odorless. Observe the following precautions.

Failure to do so may cause exhaust gases enter the vehicle and may lead to an accident caused by light-headedness, or may lead to death or a serious health hazard.

■ Important points while driving

- Keep the trunk closed.
- If you smell exhaust gases in the vehicle even when the trunk is closed, open the windows and have the vehicle inspected at your Toyota dealer 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 engine.
- Do not leave the vehicle with the engine on for a long time.
If such a situation cannot be avoided, park the vehicle in an open space and ensure that exhaust fumes do not enter the vehicle interior.
- Do not leave the engine running in an area with snow build-up, or where it is snowing. If snowbanks build up around the vehicle while the engine is running, 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 your Toyota dealer.

Engine immobilizer system

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

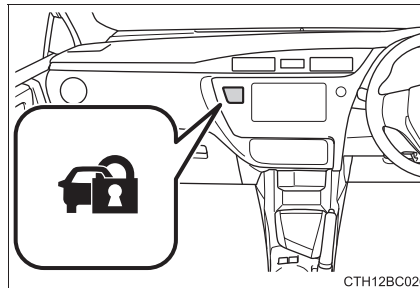
Never leave the keys inside the vehicle when you leave the vehicle.

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 indicator light flashes after the key has been removed from the engine switch to indicate that the system is operating.

The indicator light stops flashing after the registered key has been inserted into the engine switch to indicate that the system has been canceled.



Vehicles with a smart entry & start system:

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

The indicator light stops flashing after the engine switch has been turned to ACCESSORY or IGNITION ON mode to indicate that the system has been canceled.

■ System maintenance

The vehicle has a maintenance-free type engine immobilizer system.

■ Conditions that may cause the system to malfunction

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

**NOTICE****■ To ensure the system operates correctly**

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

Alarm*

The alarm

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

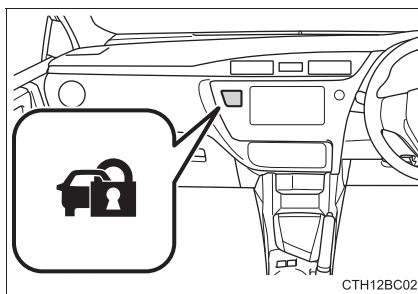
The alarm is triggered in the following situations when the alarm is set:

- A locked door or trunk is unlocked or opened in any way other than using the entry function, wireless remote control or mechanical key. (The doors will lock again automatically.)
- The hood is opened.

Setting the alarm system

Close the doors, trunk and hood, and lock all the doors. The system will be set automatically after 30 seconds.

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



Deactivating or stopping the alarm

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

- Unlock the doors or open the trunk.
- Vehicles without a smart entry & start system:
Turn the engine switch to the "ACC" or "ON" position, or start the engine. (The alarm will be deactivated or stopped after a few seconds.)
- Vehicles with a smart entry & start system:
Turn the engine switch to ACCESSORY or IGNITION ON mode, or start the engine. (The alarm will be deactivated or stopped after a few seconds.)

*: If equipped

■ System maintenance

The vehicle has a maintenance-free type alarm system.

■ Items to check before locking the vehicle

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

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

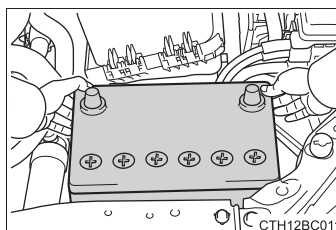
■ Triggering of the alarm

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

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



- The battery is recharged or replaced when the vehicle is locked. (→P. 310)

**■ Alarm-operated door lock**

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

- The doors are unlocked manually without the mechanical key and the alarm is triggered.
- While the alarm is operating, the doors are unlocked manually without the mechanical key.
- When recharging or replacing the battery

**NOTICE****■ To ensure the system operates correctly**

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

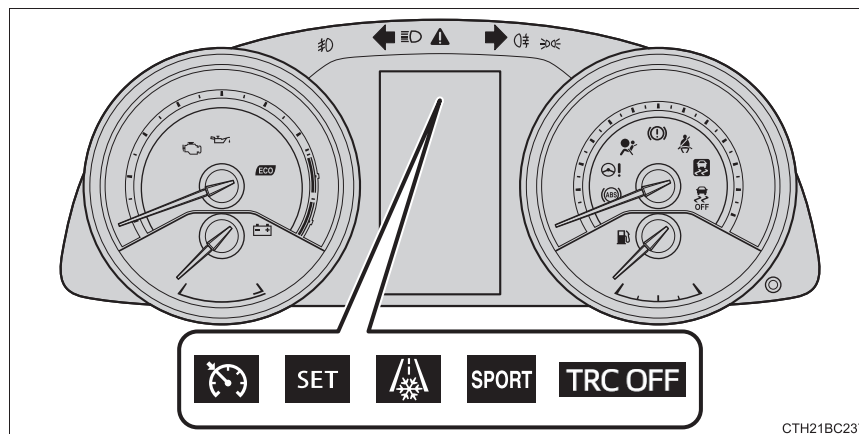
Instrument cluster**2****2. Instrument cluster**

Warning lights and indicators	66
Gauges and meters	70
Multi-information display	72
Eco Driving Indicator.....	76

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.



Warning lights

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

^{*1} 	Brake system warning light (→P. 283)	^{*1} 	Electric power steering system warning light (→P. 284)
^{*1} 	Charging system warning light (→P. 283)	^{*1, 2} 	Slip indicator (→P. 284)
^{*1} 	Low engine oil pressure warning light (→P. 283)		Low fuel level warning light (→P. 284)
^{*1} 	Malfunction indicator lamp (→P. 283)		Driver's and front passenger's seat belt reminder light (→P. 284)
^{*1} 	SRS warning light (→P. 284)	^{*1} 	Master warning light (→P. 284)
^{*1} 	ABS warning light (→P. 284)		

^{*1}: These lights turn on when the engine switch is turned to the "ON" position (vehicles without a smart entry & start system) or the engine switch is turned to IGNITION ON mode (vehicles with a smart entry & start system) to indicate that a system check is being performed. They will turn off after the engine is started, or after a few seconds. There may be a malfunction in a system if a light does not come on, or turn off. Have the vehicle inspected by your Toyota dealer.

^{*2}: If equipped

Indicators

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



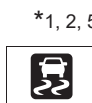
Turn signal indicator
(→P. 152)



Tail light indicator
(→P. 154)



Headlight high beam indicator (→P. 154)



*1, 2, 5
Slip indicator (→P. 170)



*2
Front fog light indicator
(→P. 157)



*1, 2
VSC OFF indicator
(→P. 171)



*2
Rear fog light indicator
(→P. 157)



*2
"SPORT" indicator
(→P. 146)



*1, 2, 3
Eco Driving Indicator Light (→P. 76)



*2
Cruise control "SET" indicator (→P. 165)



*2
"TRC OFF" indicator
(→P. 170)



Ice warning indicator
(→P. 201)



*2
Cruise control indicator
(→P. 165)



*4
Security indicator
(→P. 61, 63)

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

*2: If equipped

*3: The light does not turn on when the system is disabled.

*4: This light illuminates on the center panel.

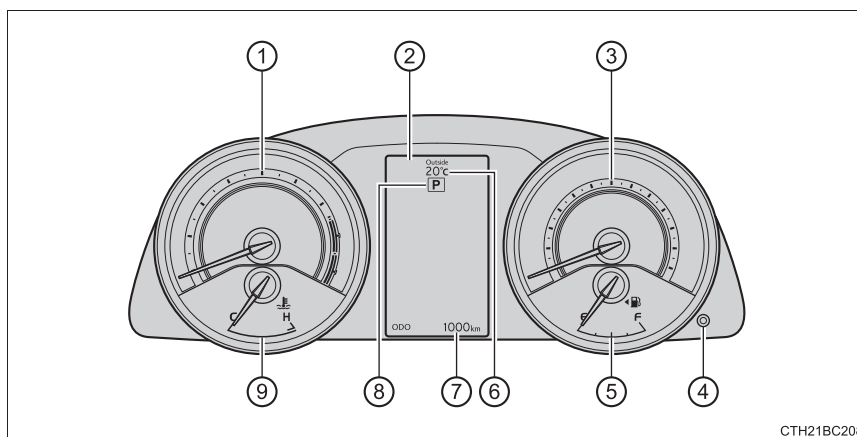
*5: The light flashes to indicate that the system is operating.

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

Should a safety system light such as the ABS and SRS warning lights not come on when you start the engine, 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 your Toyota dealer immediately if this occurs.

Gauges and meters

The displayed content may differ depending on the type of meter.



CTH21BC208

① Tachometer

Displays the engine speed in revolutions per minute.

② Multi-information display

Presents the driver with a variety of driving-related data.

③ Speedometer

④ Trip meter reset knob

Switches the trip information.

⑤ Fuel gauge

⑥ Outside temperature (→P. 201)

⑦ Odometer and trip meter display

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.

⑧ Shift position and shift range*

Displays the selected shift position or selected shift range (→P. 145)

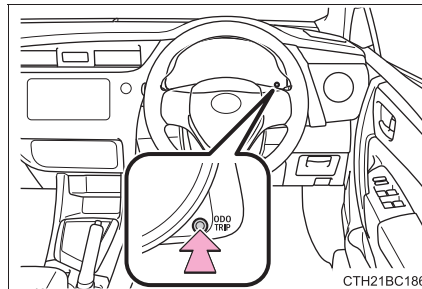
⑨ Engine coolant temperature gauge

Displays the engine coolant temperature.

*: Except for manual transmission

Changing the trip meter display

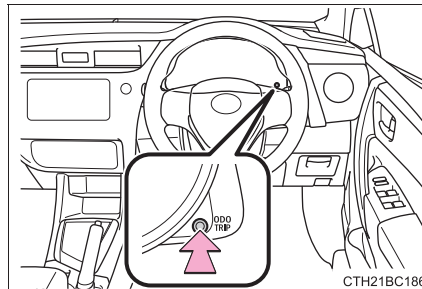
Switches between the trip meter “A” and “B” displays. When the trip meter is displayed, pressing and holding the knob will reset the trip meter.



Meter light control display

The brightness of the meter light can be adjusted.

Pressing and holding the knob will adjust the brightness of the meter light when the tail lights are on.



The meters and display illuminate when

- ▶ Vehicles without a smart entry & start system

The engine switch is in the “ON” position.

- ▶ Vehicles with a smart entry & start system

The engine switch is in IGNITION ON mode.

NOTICE

To prevent damage to the engine and its components

- Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed.
- The engine may be overheating if the engine coolant temperature gauge is in the red zone (H). In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P. 312)

Multi-information display

Display contents



Drive information

Select to display various drive data. (→P. 73)



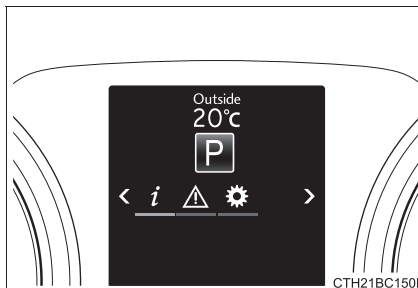
Warning message display

Select to display warning messages and measures to be taken if a malfunction is detected. (→P. 286)



Settings display

Select to change the meter display settings. (→P. 74)



CTH21BC150E

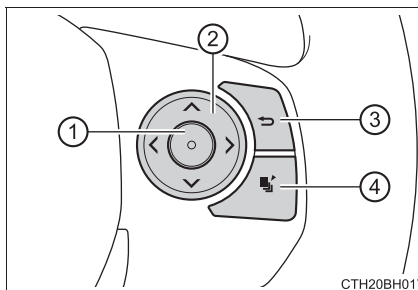
■ Operating the meter control switches

- ① Enter/Set/Reset
- ② Select an item/change pages
- ③ Return to the previous screen
- ④ Press: Displays the screen registered as the top screen

When no screen has been registered, the drive information screen will be displayed.

Press and hold: Registers the currently displayed screen as the top screen

When the confirmation screen is displayed, select yes to register the screen. If the selected screen cannot be registered, a registration failure message will be shown.



CTH20BH017

Drive information

- Current fuel consumption*¹

Displays the current rate of fuel consumption

- Average fuel consumption (after reset*²/after start/after refuel)*¹

Displays the average fuel consumption since the function was reset, the engine was started, and the vehicle was refueled, respectively

Use the displayed average fuel consumption as a reference.

- Average vehicle speed (after reset*²/after start)*¹

Displays the average vehicle speed since the function was reset and the engine was started, respectively

- Elapsed time (after reset*²/after start)*¹

Displays the elapsed time since the function was reset and the engine was started, respectively

- Distance (driving range/after start)*¹

Displays the estimated maximum distance that can be driven with the quantity of fuel remaining and the distance driven after the engine was started, respectively.

- 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 engine switch off. If the vehicle is refueled without turning the engine switch off, the display may not be updated.

- Eco Driving Indicator (except for manual transmission)

→P. 76

*¹: Can be registered to drive information 1 or 2. (→P. 74)

*²: Resetting procedures:

- Select a function to be reset using the meter control switches and then press and hold to reset.
- If there is more than one function that can be reset, check boxes will be displayed next to those functions.

Settings display

■ Changing the settings

- 1 Select  using the meter control switches.
- 2 Select an item and then set it with the center button.

■ Customizable items

● Units

Select to change the unit of measure for fuel consumption.

● Eco Driving Indicator Light (except for manual transmission)

Select to activate/deactivate the Eco Driving Indicator Light.
(→P. 76)

● switch settings

You can register 1 screen as the top screen. To register, press and hold  while the desired screen is displayed.

● Drive information 1/Drive information 2

Select to select up to 2 items that will be displayed on the drive information 1 screen and drive information 2 screen respectively.

● Accent color

Select to change the accent colors on the screen, such as the cursor color.

● Initialization

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

■ **Setting display automatic cancelation**

In the following situations, setting display in which the settings can be changed through the meter control switch will automatically be turned off.

- When a warning message appears while the setting display is displayed
- When the vehicle begins to move while the setting display is displayed

■ **When disconnecting and reconnecting battery terminals**

The drive information data will be reset.

■ **Liquid crystal display**

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

 WARNING

■ **The information display at low temperatures**

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

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

■ **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

■ **During setting up the display**

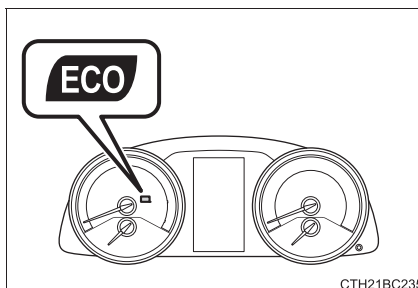
To prevent battery discharge, ensure that the engine is running while setting up the display features.

Eco Driving Indicator (except for manual transmission)

Eco Driving Indicator Light

During Eco-friendly acceleration operation (Eco driving), Eco Driving Indicator Light will turn on.

When the acceleration exceeds Zone of Eco driving, and when the vehicle is stopped, the light turns off.



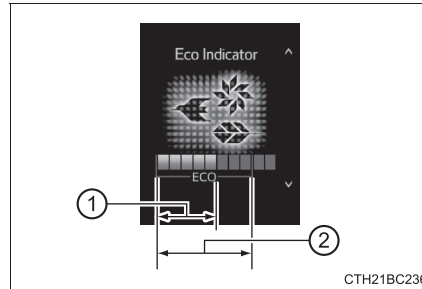
Eco Driving Indicator Zone Display

Suggests Zone of Eco driving with current Eco driving ratio based on acceleration.

- ① Eco driving ratio based on acceleration

If the acceleration exceeds Zone of Eco driving, the right side of Eco Driving Indicator Zone Display will illuminate.

- ② Zone of Eco driving



Eco Driving Indicator Light customization

→P. 74

■ Operation of Eco Driving Indicator

Eco Driving Indicator will not operate in the following conditions:

- The shift lever is in any position other than D.
- A paddle shift switch is operated. (if equipped)
- Sport mode is selected.
- The vehicle speed is approximately 130 km/h (80 mph) or higher.

**Operation of
each component****3**

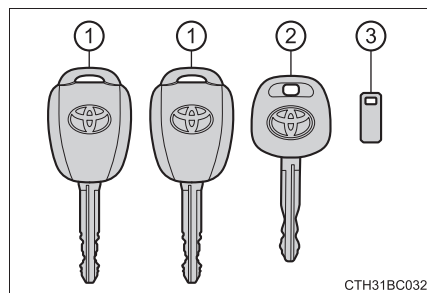
3-1. Key information	
Keys.....	80
3-2. Opening, closing and locking the doors	
Doors	84
Trunk.....	93
Smart entry & start system	97
3-3. Adjusting the seats	
Front seats.....	104
Rear seats	105
Head restraints	107
3-4. Adjusting the steering wheel and mirrors	
Steering wheel	109
Inside rear view mirror	111
Outside rear view mirrors	113
3-5. Opening and closing the windows	
Power windows.....	116
Moon roof.....	119

Keys

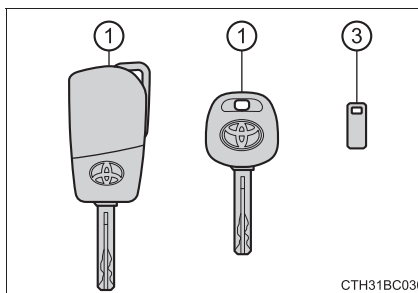
The keys

The following keys are provided with the vehicle.

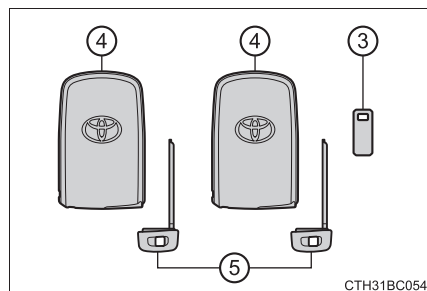
► Type A



► Type B



► Type C



① Master keys

With wireless remote control: Operating the wireless remote control function

② Valet key

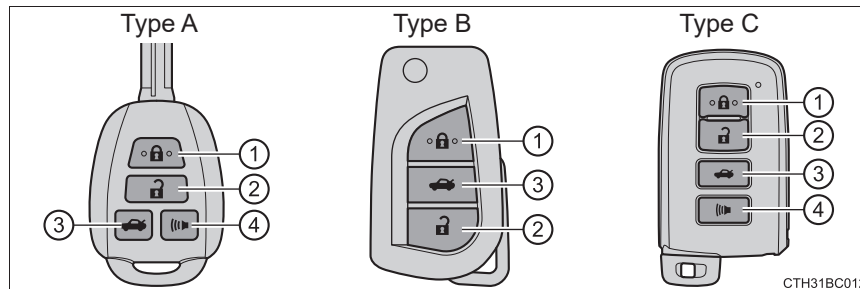
③ Key number plate

④ Electronic keys

- Operating the smart entry & start system
- Operating the wireless remote control function

⑤ Mechanical keys

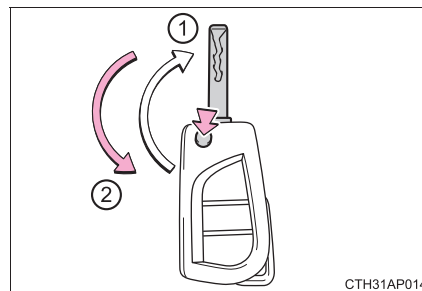
Wireless remote control



- ① Locks all the doors (→P. 84)
- ② Unlocks all the doors (→P. 84)
- ③ Opens the trunk (→P. 93)
- ④ Sounds the alarm (if equipped) (→P. 82)

Using the key (type B key)

- ① Releasing
To release the key, press the button.
- ② Folding
To stow the key back in its case, push the key back to the stowed position while pressing the button.

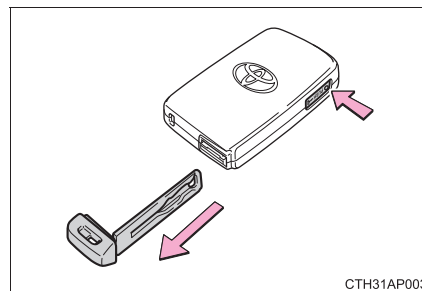


Using the mechanical key (if equipped)

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

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

After using the mechanical key, store it in the electronic key. Carry the mechanical key together with the electronic key. If the electronic key battery is depleted or the entry function does not operate properly, you will need the mechanical key. (→P. 306)



■ Panic mode (if equipped)

When  is pressed for longer than about one second, an alarm will sound intermittently and the vehicle lights will flash to deter any person from trying to break into or damage your vehicle.

To stop the alarm, press any button on the wireless remote control.



CTH31BC056

■ If you lose your keys

New genuine keys can be made by your Toyota dealer using the other keys (including mechanical key) and the key number stamped on your key number plate. Keep the plate in a safe place such as your wallet, not in the vehicle.

■ When riding in an aircraft

When bringing a key with wireless remote control function onto an aircraft, make sure you do not press any button on the key while inside the aircraft cabin. If you are carrying the 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.

■ Key battery depletion

► Vehicles without smart entry & start system

If the wireless remote control function does not operate, the battery may be depleted. Replace the battery when necessary. (→P. 251)

► Vehicles with 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 engine stops. (→P. 292)
- 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. 251)
 - The smart entry & start system or the wireless remote control does not operate.
 - The detection area becomes smaller.
 - The LED indicator on the key surface does not turn on.
- To avoid serious deterioration, do not leave the electronic key within 1 m (3 ft.) of the following electrical appliances that produce a magnetic field:
 - TVs
 - Personal computers
 - Cellular phones, cordless phones and battery chargers
 - Recharging cellular phones or cordless phones
 - Table lamps
 - Induction cookers

■ Replacing the battery

→P. 251

■ Confirmation of the registered key number

The number of keys already registered to the vehicle can be confirmed. Ask your Toyota dealer for details.

■ If a wrong key is used (Type B and C keys)

The key cylinder rotates freely to isolate inside mechanism.



NOTICE

■ To prevent key damage

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

■ Carrying the electronic key on your person (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 your Toyota dealer.

■ 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 your Toyota dealer immediately with all remaining electronic keys that was provided with your vehicle.

Doors

Unlocking and locking the doors from the outside

◆ Smart entry & start system (if equipped)

Carry the electronic key to enable this function.

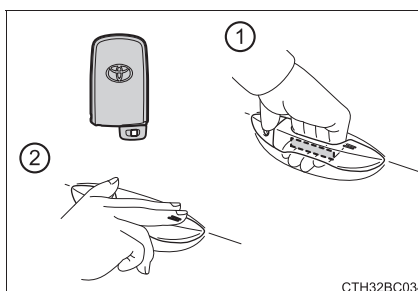
- ① Grip the driver's door handle to unlock all the doors.

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.

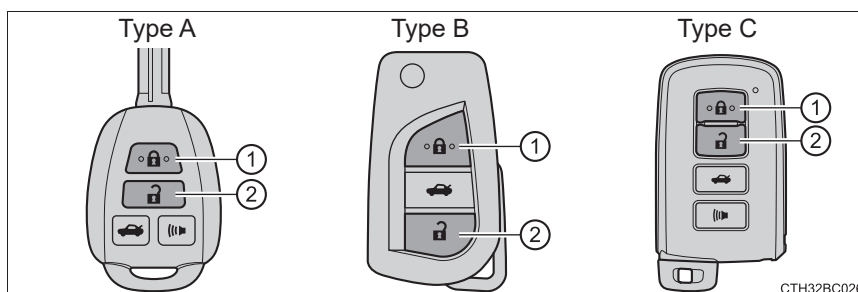
- ② Touch the lock sensor (the indentation on the upper part of the driver's door handle) to lock all the doors.

Check that the door is securely locked.



CTH32BC034

◆ Wireless remote control



CTH32BC026

- ① Locks all the doors

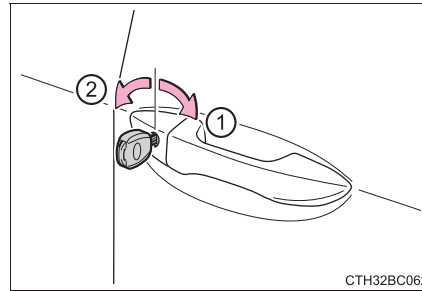
- ② Unlocks all the doors

After pressing the lock button, check that the door is securely locked.

◆ Key

▶ Vehicles without a smart entry & start system

- ① Locks all the doors
- ② Unlocks all the doors



▶ Vehicles with a smart entry & start system

The doors can also be locked and unlocked with the mechanical key. (→P. 306)

■ Operation signals**▶ Vehicles without a smart entry & start system**

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

▶ Vehicles with a smart entry & start system

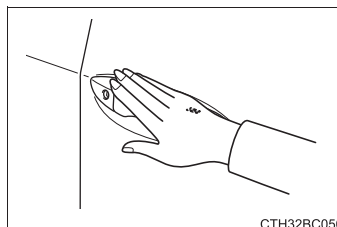
A buzzer sounds and the emergency flashers flash to indicate that the doors have been locked/unlocked. (Locked: once; Unlocked: twice)

■ Security feature

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

■ When the door cannot be locked by the lock sensor on the upper part of the driver's door handle (vehicles with a smart entry & start system)

If the door will not lock even when the top-side sensor area is touched, try using your palm to touch the lock sensor.

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

If an attempt to lock the doors using the wireless remote control or smart entry & start system is made when a door is not fully closed, a buzzer will sound for 5 seconds. Fully close the door, and lock the vehicle again.

■ Setting the alarm (if equipped)

Locking the doors will set the alarm system. (→P. 63)

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

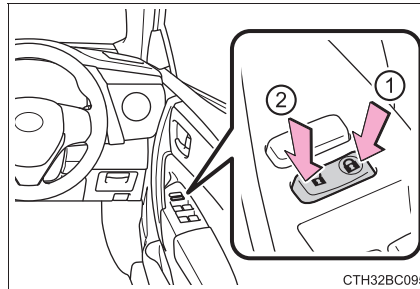
Use the mechanical key to lock and unlock the doors. (→P. 306)

Replace the battery with a new one if it is depleted. (→P. 251)

Unlocking and locking the doors from the inside

◆ Door lock switch

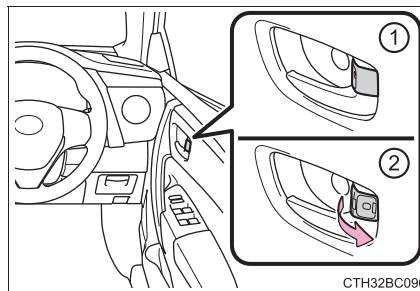
- ① Locks all the doors
- ② Unlocks all the doors



◆ Inside lock buttons

- ① Locks the door
- ② Unlocks the door

The driver's door can be opened by pulling the inside handle even if the lock button is in the lock position.



Locking the front doors from the outside without a key

- 1 Move the inside lock button to the lock position.
- 2 Close the door while pulling the door handle.

► Vehicles without a smart entry & start system

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

► Vehicles with a smart entry & start system

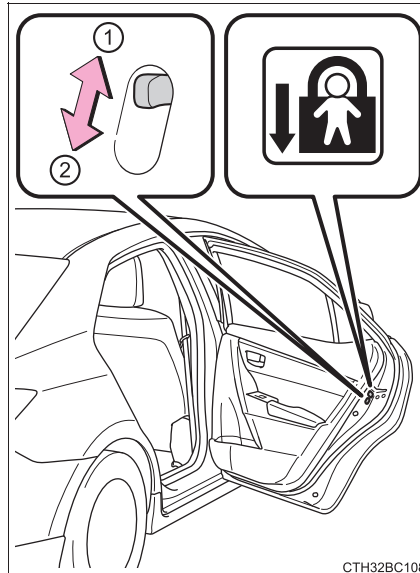
The door cannot be locked if the engine switch is in ACCESSORY or IGNITION ON mode, or the electronic key is left inside the vehicle. However, the key may not be detected correctly and the door may be locked.

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.



Automatic door locking and unlocking systems

The following functions can be set or cancelled:

Function	Operation
Shift position linked door locking function*	Shifting the shift lever out of P locks all doors.
Shift position linked door unlocking function*	Shifting the shift lever to P unlocks all doors.
Speed linked door locking function*	All doors are locked when the vehicle speed is approximately 20 km/h (12 mph) or higher.
Driver's door linked door unlocking function	► Vehicles without a smart entry & start system All doors are unlocked when the driver's door is opened within approximately 45 seconds of turning the engine switch to "ACC" or "LOCK". ► Vehicles with a smart entry & start system All doors are unlocked when the driver's door is opened within approximately 45 seconds of turning the engine switch to ACCESSORY mode or off.

*: If equipped

■ Setting and canceling the functions

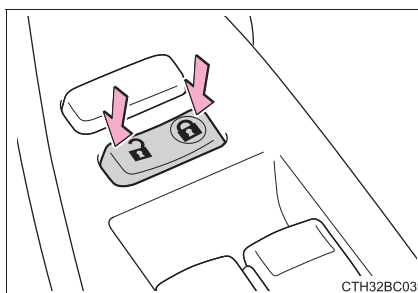
To switch between set and canceled, follow the procedure below:

- 1 Vehicles without a smart entry & start system: Close all the doors and switch the engine switch to the "ON" position. (Perform step 2 within 20 seconds.)

Vehicles with a smart entry & start system: Close all the doors and switch the engine switch to IGNITION ON mode. (Perform step 2 within 20 seconds.)

- 2 Shift the shift lever to P or N, and press and hold the driver's door lock switch ( or ) for approximately 5 seconds and then release.

The shift lever and switch positions corresponding to the desired function to be set are shown as follows.



Use the same procedure to cancel the function.

Function	Shift lever position	Driver's door lock switch position
Shift position linked door locking function*	P	
Shift position linked door unlocking function*		
Speed linked door locking function*	N	
Driver's door linked door unlocking function		

*: If equipped

When the setting or canceling operation is complete, all doors are locked and then unlocked.

■ Conditions affecting the operation of the wireless remote control**▶ Vehicles without a smart entry & start system**

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

- When the wireless remote control 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 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. 100

■ Automatic door locking and unlocking systems

The automatic door locking function provides added protection while driving by preventing passengers from accidentally opening the doors. However, the doors will not unlock automatically when stopping abnormally (such as in the event of a collision) if this function is enabled. To cancel the automatic door locking function, contact your Toyota dealer.

■ Customization

Settings (e.g. wireless remote control) can be changed.
(Customizable features: →P. 328)

**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.

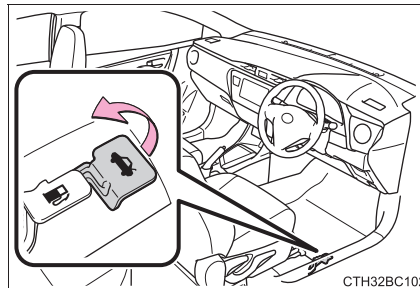
- Always use a seat belt.
- Always lock all the doors.
- Ensure that all doors are properly closed.
- Do not pull the inside handle of the doors while driving.
The doors may be opened and the passengers are thrown out of the vehicle and it may result in death or serious injury.
Be especially careful for the driver's door, as the door may be opened even if the inside lock button is in locked position.
- Set the rear door child-protector locks when children are seated in the rear seats.

Trunk

The trunk can be opened using the trunk opener, wireless remote control or entry function (vehicles with a smart entry & start system).

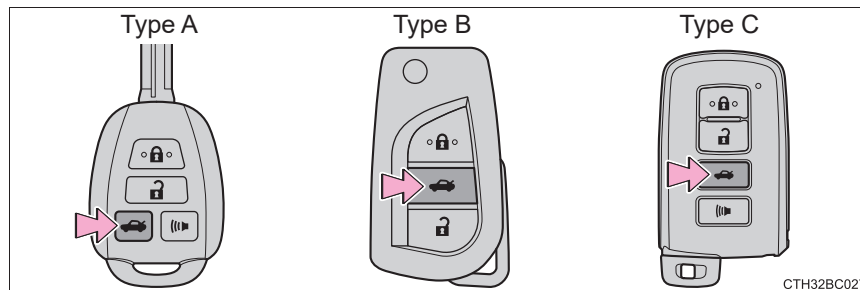
Opening the trunk from inside the vehicle

Pull up the lever to release the trunk lid.



Opening the trunk from outside the vehicle

◆ Wireless remote control

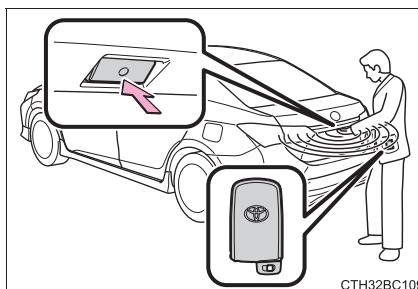


Press and hold the switch.

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

While carrying the electronic key, press the button on the trunk lid.

When all the doors are unlocked with the power door lock system, the trunk can be opened without carrying the electronic key.



■ Operation signal (vehicles with a smart entry & start system)

A buzzer sounds to indicate that the trunk has been opened.

■ Trunk light

The trunk light turns on when the trunk is opened.

■ Function to prevent the trunk being locked with the electronic key inside (vehicles with a smart entry & start system)

- When all doors are being locked, closing the trunk lid with the electronic key left inside the trunk will sound an alarm.
In this case, the trunk lid can be opened by pressing the trunk release button on the trunk lid.
- Even when the spare electronic key is put in the trunk with all the doors locked, the key confinement prevention function can be activated so the trunk can be opened. In order to prevent theft, take all electronic keys with you when leaving the vehicle.
- Even when the electronic key is put in the trunk with all the doors are locked, the key may not be detected depending on the places and the surrounding radio wave conditions. In this case, the key confinement prevention function cannot be activated, causing the doors to lock when the trunk is closed. Make sure to check where the key is before closing the trunk.
- The key confinement prevention function cannot be activated if any one of the doors is unlocked. In this case, open the trunk using the trunk opener.

■ Customization

Trunk unlocking operation can be changed.

(Customizable features: →P. 328)

**WARNING****■ Caution while driving**

- Keep the trunk lid closed while driving.
If the trunk lid is left open, it may hit near-by objects while driving or luggage in the trunk 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 trunk lid before driving.
- Before driving the vehicle, make sure that the trunk lid is fully closed. If the trunk lid is not fully closed, it may open unexpectedly while driving, causing an accident.
- Never let anyone sit in the trunk. In the event of sudden braking or a collision, they are susceptible to death or serious injury.

■ When a child is in the vehicle

Observe the following precautions.

Failure to do so may result in death or serious injury.

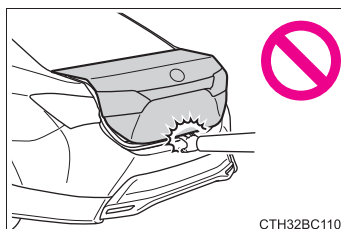
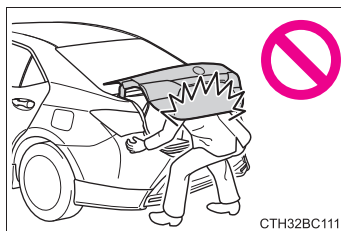
- Do not allow a child to play in the trunk.
If a child is accidentally locked in the trunk, the child could suffer from heat exhaustion, suffocation or other injuries.
- Do not allow a child to open or close the trunk lid.
Doing so may cause the trunk lid to operate unexpectedly, or cause the child's hands, head, or neck to be caught by the closing trunk lid.

⚠ WARNING**■ Using the trunk**

Observe the following precautions.

Failure to do so may cause parts of the body to be caught, resulting in serious injury.

- Remove any heavy loads, such as snow and ice, from the trunk lid before opening it. Failure to do so may cause the trunk lid to suddenly shut again after it is opened.
- When opening or closing the trunk lid, 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 trunk is about to open or close.
- Use caution when opening or closing the trunk lid in windy weather as it may move abruptly in strong wind.
- The trunk lid may suddenly shut if it is not opened fully. It is more difficult to open or close the trunk lid on an incline than on a level surface, so beware of the trunk lid unexpectedly opening or closing by itself. Make sure that the trunk lid is fully open and secure before using the trunk.
- When closing the trunk lid, take extra care to prevent your fingers etc. from being caught.
- When closing the trunk lid, make sure to press it lightly on its outer surface.
- Do not attach any accessories other than genuine Toyota parts to the trunk lid. Such additional weight on the trunk lid may cause the lid to suddenly shut again after it is opened.



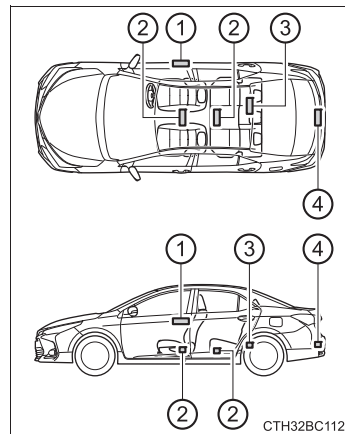
Smart entry & start system*

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 (→P. 84)
- Opens the trunk (→P. 94)
- Starts the engine (→P. 140)

■ Antenna location

- ① Antenna outside the cabin
- ② Antennas inside the cabin
- ③ Antenna inside the trunk
- ④ Antenna outside the trunk



3

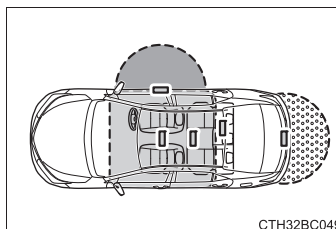
Operation of each component

*: If equipped

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

- When locking or unlocking the doors

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



- When starting the engine or changing engine switch modes

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

- When opening the trunk

The system can be operated when the electronic key is within about 0.7 m (2.3 ft.) of the trunk release button.

■ Alarms and warning indicators

A combination of exterior and interior alarms 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 in response to any warning message on the multi-information display. (→P. 289)

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

Alarm	Situation	Correction procedure
Exterior alarm sounds once for 5 seconds	An attempt was made to lock the vehicle while a door was open.	Close all of the doors and lock the doors again.
	The trunk was closed while the electronic key was still inside the trunk and all the doors were locked.	Retrieve the electronic key from the trunk and close the trunk lid.

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

■ Battery-saving function

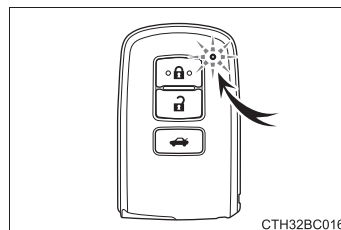
The battery-saving function will be activated in order to prevent the electronic key battery and the vehicle battery from being discharged while the vehicle is not in operation for a long time.

- 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.



■ Conditions affecting operation

The smart entry & start system uses weak radio waves. In some situations, the communication between the electronic key and the vehicle may be affected, preventing the smart entry & start system, wireless remote control and engine immobilizer system from operating properly.

(Ways of coping: →P. 306)

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

■ Note for the entry function

- Even when the electronic key is within the effective range (detection areas), the system may not operate properly in the following cases:
 - The electronic key is too close to the window or outside door handle, near the ground, or in a high place when the doors are locked or unlocked.
 - The electronic key is near the ground or in a high place, or too close to the rear bumper center when the trunk is opened.
 - The electronic key is on the instrument panel, rear package tray or floor, or in the door pockets or glove box 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 doors will become lockable from the outside, possibly trapping the electronic key inside the vehicle.
- As long as the electronic key is within the effective range, the doors may be locked or unlocked by anyone. However, only the doors detecting the electronic key can be used to unlock the vehicle.
- Even if the electronic key is not inside the vehicle, it may be possible to start the engine if the electronic key is near the window.
- The doors may unlock or lock if a large amount of water splashes on the door handle, such as in the rain or in a car wash, when the electronic key is within the effective range. (The doors will automatically be locked after approximately 30 seconds if the doors are not opened and closed.)
- If the wireless remote control is used to lock the doors when the electronic key is near the vehicle, there is a possibility that the door may not be unlocked by the entry function. (Use the wireless remote control to unlock the doors.)
- 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 this case, follow the following correction procedures to wash the vehicle:
 - Place the electronic key in a location 2 m (6 ft.) or more away from the vehicle. (Take care to ensure that the key is not stolen.)
 - Set the electronic key to battery-saving mode to disable the smart entry & start system. (→P. 99)

- 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.
- Fingernails may scrape against the door during operation of the door handle. Be careful not to injure fingernails or damage the surface of the door.
- 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.
- Unlocking the vehicle may take more time if another electronic key is within the effective range.

■ **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. 328)

■ **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. 306)
- Starting the engine: →P. 307

■ **Customization**

Settings (e. g. smart entry & start system) can be changed.
(Customizable features: →P. 328)

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

- Locking and unlocking the doors and opening the trunk:
Use the wireless remote control or mechanical key. (→P. 93, 306)
- Starting the engine and changing engine switch modes: →P. 307
- Stopping the engine: →P. 141

**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. 97)

The radio waves may affect the operation of such devices. If necessary, the entry function can be disabled. Ask your Toyota dealer 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.

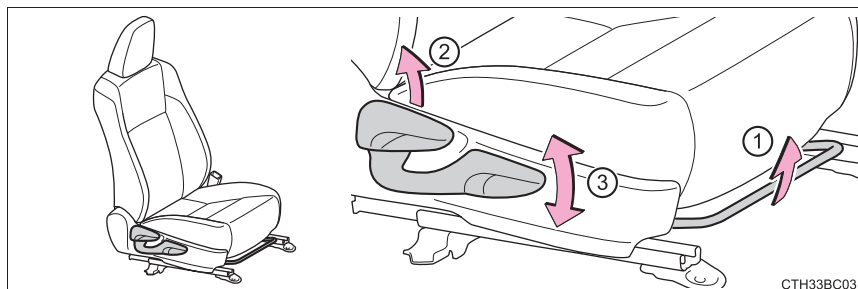
- Users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves.

Radio waves could have unexpected effects on the operation of such medical devices.

Ask your Toyota dealer for details for disabling the entry function.

Front seats

Adjustment procedure



- ① Seat position adjustment
- ② Seatback angle adjustment
- ③ Vertical height adjustment (if equipped, for driver's seat only)

WARNING

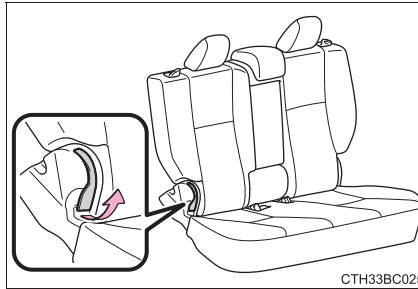
■ Seat adjustment

- 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.

Rear seats (folding type)

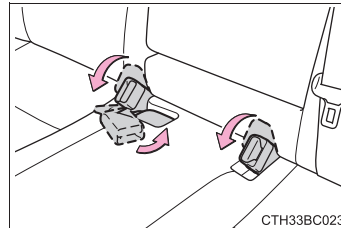
Adjustment/folding the rear seatbacks

Seatback lock release/angle adjustment lever



■ Before folding the seatbacks

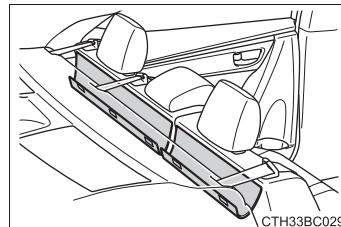
Stow the seat belt buckles.



■ Flaps on the rear seatback

The space between each reclining rear seat and the package tray can be covered with the flap on the back of the seatback. Use the Velcro on the end of the flap to attach it to the package tray.

When a flap is not being used or the rear seat is folded down, attach the flap to the rear seatback.



**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 trunk while driving.
- Do not allow children to enter the trunk.
- Do not allow anyone to sit on the rear center seat if the rear left 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.
- Adjust the position of the front seat before folding down the rear seatbacks so that the front seat does not interfere with the rear seatbacks when folding down the rear seatbacks.

■ After returning the seatback to the upright position

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

- Make sure that the seatback is securely locked in position by lightly rocking it back and forth.
- Check that the seat belts are not twisted or caught under the seat.

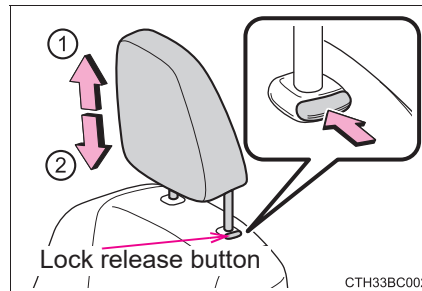
**NOTICE****■ When the rear left seatback is folded down**

Make sure the luggage loaded in the enlarged trunk will not damage the webbing of the rear center seat belt.

Head restraints

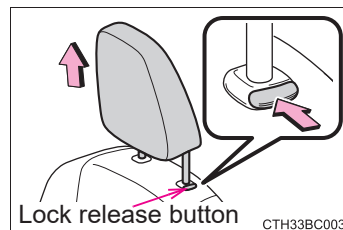
Head restraints are provided for all seats.

- ① Up
Pull the head restraints up.
- ② Down
Push the head restraint down while pressing the lock release button.



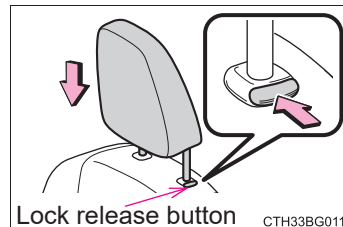
■ Removing the head restraints

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



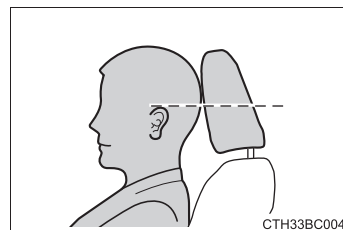
■ Installing the head restraints

Align the head restraint with the installation holes 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 center seat head restraint

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

**WARNING****■ Head restraint precautions**

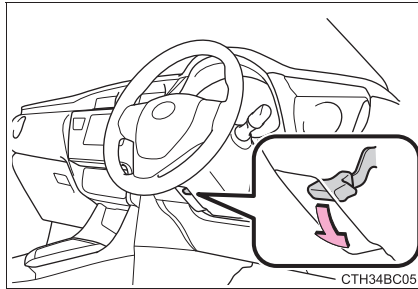
Observe the following precautions regarding the head restraints. Failure to do so may result in death or serious injury.

- Use the head restraints designed for each respective seat.
- Adjust the head restraints to the correct position at all times.
- After adjusting the head restraints, push down on them and make sure they are locked in position.
- Do not drive with the head restraints removed.

Steering wheel

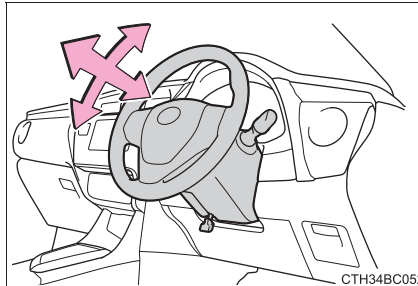
Adjustment procedure

- 1 Hold the steering wheel and push the lever down.



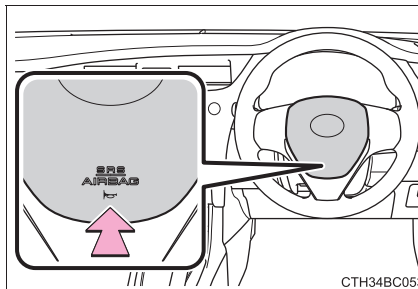
- 2 Adjust to the ideal position by moving the steering wheel horizontally and vertically.

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



Horn

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



**WARNING****■ Caution while driving**

Do not adjust the steering wheel while driving.

Doing so may cause the driver to mishandle the vehicle and cause an accident, resulting in death or serious injury.

■ After adjusting the steering wheel

Make sure that the steering wheel is securely locked.

Otherwise, the steering wheel may move suddenly, possibly causing an accident, and resulting in death or serious injury. Also, the horn may not sound if the steering wheel is not securely locked.

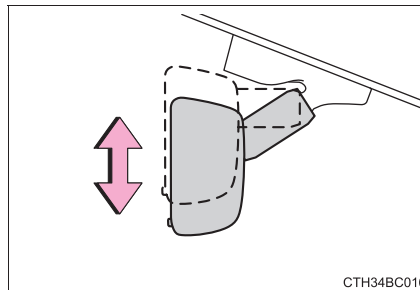
Inside rear view mirror

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

Adjusting the height of rear view mirror

The height of the rear view mirror can be adjusted to suit your driving posture.

Adjust the height of the rear view mirror by moving it up and down.

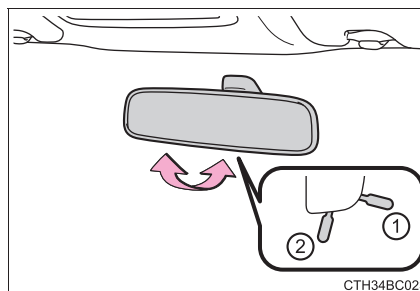


Anti-glare function

► Manual anti-glare inside rear view mirror

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

- ① Normal position
- ② Anti-glare position



► Auto anti-glare inside rear view mirror

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

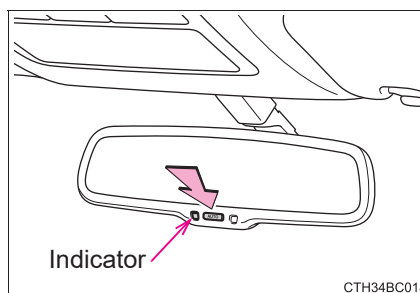
Changing automatic anti-glare function mode

On/off

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

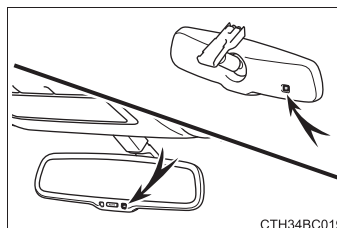
The function will set to on mode each time the engine switch is turned to IGNITION ON mode.

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

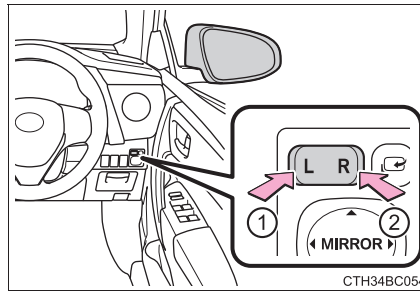
■ When using the outside rear view mirrors in a cold weather

When it is cold and the outside rear view mirrors are frozen, it may not be possible to fold/extend them or adjust the mirror surface. Remove the ice, snow, etc. covering the outside rear view mirrors.

Adjustment procedure

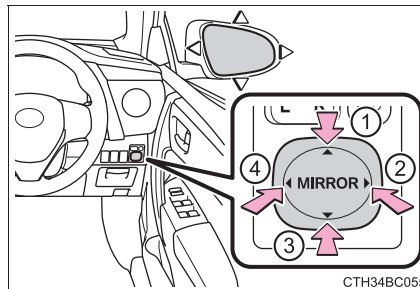
- 1 To select a mirror to adjust, press the switch.

- ① Left
- ② Right



- 2 To adjust the mirror, press the switch.

- ① Up
- ② Right
- ③ Down
- ④ Left

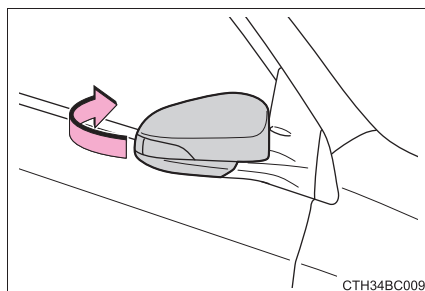


3

Operation of each component

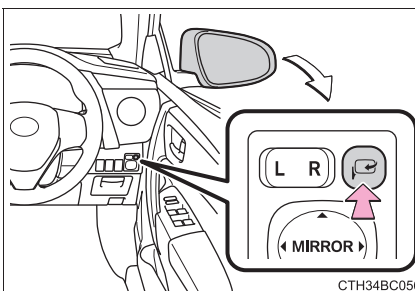
Folding the mirrors

► Manual type



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

► Power type



Press the switch to fold the mirrors.

Press it again to extend them to the original position.

Automatically folding and extending the mirrors (if equipped)

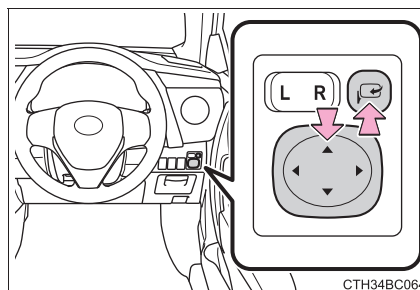
Automatic mode allows the folding or extending of the mirrors to be linked to locking/unlocking of the doors.

Automatic operation can be disabled by performing the following.

Turn the engine switch to off.

Press and hold the switch that folds the mirrors and ▲ of the mirror angle adjustment switch at the same time for more than 2 seconds.

Performing the above procedures again will reactivate automatic operation.



Linked mirror function when reversing (if equipped)

When the mirror select switch is in the L or R position, the outside rear view mirrors will automatically angle downwards when the vehicle is reversing in order to give a better view of the ground.

To disable this function, move the mirror select switch to the neutral position (between L and R).

■ Adjusting the mirror angle when the vehicle is reversing

With the shift lever in R, adjust the mirror angle at a desired position. The adjusted angle will be memorized and the mirror will automatically tilt to the memorized angle whenever the shift lever is shifted to R from next time.

The memorized downward tilt position of the mirror is linked to the normal position (angle adjusted with the shift lever in other than R). Therefore, if the normal position is changed after adjustment, the tilt position will also change.

When the normal position is changed, readjust the angle in reversing.

■ Mirror angle can be adjusted when

- ▶ Vehicles without a smart entry & start system

The engine switch is in the “ACC” or “ON” position.

- ▶ Vehicles with a smart entry & start system

The engine switch is in ACCESSORY or IGNITION ON mode.

■ When disconnecting and reconnecting battery terminals

The automatic folding/extending mirror function will return to on as default. To turn the function off, press the switch again to select off.

**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

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

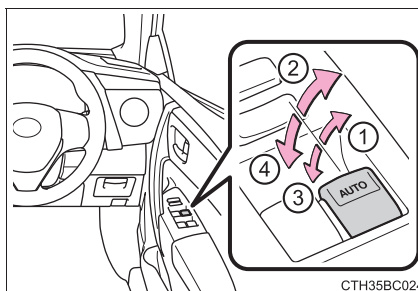
Power windows

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)*

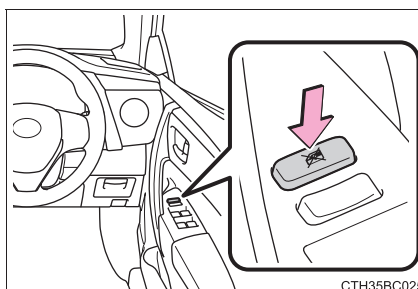
*: To stop the window partway, operate the switch in the opposite direction.



Window lock switch

Press the switch 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 engine switch is in the "ON" position.

- ▶ Vehicles with a smart entry & start system

The engine switch is in IGNITION ON mode.

■ Operating the power windows after turning the engine off

► Vehicles without a smart entry & start system

The power windows can be operated for approximately 45 seconds even after the engine 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 engine 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 (driver's window only)

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.

- Vehicles without a smart entry & start system: After stopping the vehicle, the window can be closed by holding the power window switch in the one-touch closing position while the engine switch is turned to the "ON" position.
Vehicles with a smart entry & start system: After stopping the vehicle, the window can be closed by holding the power window switch in the one-touch closing position while the engine switch is turned to IGNITION ON mode.
- 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 your Toyota dealer.

 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. 116)
- 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 engine 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.

Moon roof*

Use the overhead switches to open and close the moon roof and tilt it up and down.

■ Opening and closing

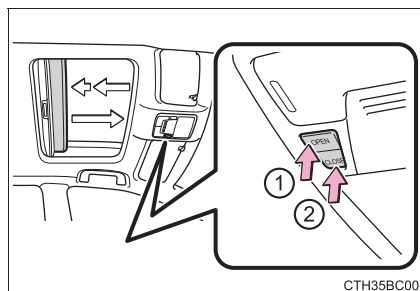
① Opens the moon roof*

The moon roof stops slightly before the fully open position to reduce wind noise.

Press the switch again to fully open the moon roof.

② Closes the moon roof*

*: Lightly press either of the moon roof switches to stop the moon roof partway.

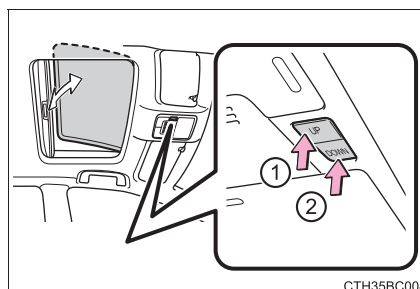


■ Tilt up and down

① Tilts the moon roof up*

② Tilts the moon roof down*

*: Lightly press either of the moon roof switches to stop the moon roof partway.



3

Operation of each component

*: If equipped

■ The moon roof can be operated when

The engine switch is in IGNITION ON mode.

■ Operating the moon roof after turning the engine off

The moon roof can be operated for approximately 45 seconds after the engine switch is turned to ACCESSORY mode or turned off. It cannot, however, be operated once either front door is opened.

■ Jam protection function

If an object is detected between the moon roof and the frame while the moon roof is closing or tilting down, travel is stopped and the moon roof opens slightly.

■ Sunshade

The sunshade can be opened and closed manually. However, the sunshade will open automatically when the moon roof is opened.

■ When the moon roof does not close normally

Perform the following procedure:

- If the moon roof closes but then re-opens slightly

- 1 Stop the vehicle.
- 2 Press and hold the "CLOSE" switch.*1
The moon roof will close, reopen and pause for approximately 10 seconds.*2 Then it will close again, tilt up and pause for approximately 1 second. Finally, it will tilt down, open and close.
- 3 Check to make sure that the moon roof is completely closed and then release the switch.

- If the moon roof tilts down but then tilts back up

- 1 Stop the vehicle.
- 2 Press and hold the "UP" switch*1 until the moon roof moves into the tilt up position and stops.
- 3 Release the "UP" switch once and then press and hold the "UP" switch again.*1
The moon roof will pause for approximately 10 seconds in the tilt up position.*2 Then it will adjust slightly and pause for approximately 1 second. Finally, it will tilt down, open and close.
- 4 Check to make sure that the moon roof is completely closed and then release the switch.

*1: If the switch is released at the incorrect time, the procedure will have to be performed again from the beginning.

*2: If the switch is released after the above mentioned 10 second pause, automatic operation will be disabled. In that case, press and hold the open/close switch in the close position or press and hold the "UP" switch. The moon roof will tilt up and pause for approximately 1 second. Then it will tilt down, open and close. Check to make sure that the moon roof is completely closed and then release the switch.

If the moon roof does not fully close even after performing the above procedure correctly, have the vehicle inspected by your Toyota dealer.

■ Moon roof open warning buzzer

The buzzer sounds and a message is shown on the multi-information display in the instrument cluster when the engine switch is turned off and the driver's door is opened with the moon roof open.

**WARNING****■ Opening the moon roof**

Observe the following precautions.

Failure to do so may cause death or serious injury.

- Do not allow any passengers to put their hands or heads outside the vehicle while it is moving.
- Do not sit on top of the moon roof.

■ Closing the moon roof

Observe the following precautions.

Failure to do so may result in death or serious injury.

- The driver is responsible for moon roof opening and closing operations. In order to prevent accidental operation, especially by a child, do not let a child operate the moon roof. It is possible for children and other passengers to have body parts caught in the moon roof. Also, when riding with a child, it is recommended to use the window lock switch. (→P. 116)
- Check to make sure that all passengers do not have any part of their bodies in a position where they could be caught when the moon roof is being operated.
- When exiting the vehicle, turn the engine switch off, carry the key and exit the vehicle along with the child. There may be accidental operation, due to mischief, etc., that may possibly lead to an accident.

■ Jam protection function

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

Driving

4

4-1. Before driving

Driving the vehicle	124
Cargo and luggage	135
Trailer towing	137

4-2. Driving procedures

Engine (ignition) switch (vehicles without a smart entry & start system)	138
Engine (ignition) switch (vehicles with a smart entry & start system)	140
Continuously variable transmission	145
Manual transmission	150
Turn signal lever	152
Parking brake	153

**4-3. Operating the lights
and wipers**

Headlight switch	154
Fog light switch	157
Windshield wipers and washer	159

4-4. Refueling

Opening the fuel tank cap	162
------------------------------------	-----

**4-5. Using the driving
support systems**

Cruise control	165
Driving assist systems	169

4-6. Driving tips

Winter driving tips	173
---------------------------	-----

Driving the vehicle

The following procedures should be observed to ensure safe driving:

Starting the engine

→P. 138

Driving

► Continuously variable transmission

- 1 With the brake pedal depressed, shift the shift lever to D.
(→P. 145)
- 2 Release the parking brake. (→P. 153)
- 3 Gradually release the brake pedal and gently depress the accelerator pedal to accelerate the vehicle.

► Manual transmission

- 1 While depressing the clutch pedal, shift the shift lever to 1.
(→P. 150)
- 2 Release the parking brake. (→P. 153)
- 3 Gradually release the clutch pedal. At the same time, gently depress the accelerator pedal to accelerate the vehicle.

Stopping

► Continuously variable transmission

- 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 or N. (→P. 145)

► Manual transmission

- 1 While depressing the clutch pedal, 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 N. (→P. 150)

Parking the vehicle

► Continuously variable transmission

- 1 With the shift lever in D, depress the brake pedal.
- 2 Set the parking brake (→P. 153), and shift the shift lever to P (→P. 145).
- 3 Vehicles without a smart entry & start system: Turn the engine switch to the "LOCK" position to stop the engine.

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

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

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

► Manual transmission

- 1 While depressing the clutch pedal, depress the brake pedal.
- 2 Shift the shift lever to N. (→P. 150)

If parking on a hill, shift the shift lever to 1 or R.

- 3 Set the parking brake. (→P. 153)
- 4 Turn the engine switch to the "LOCK" position to stop the engine.
- 5 Lock the door, making sure that you have the key on your person.

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

Starting off on a steep uphill

▶ Continuously variable transmission

- 1 Make sure that the parking brake is set and shift the shift lever to D.
- 2 Gently depress the accelerator pedal.
- 3 Release the parking brake.

▶ Manual transmission

- 1 With the parking brake firmly set and the clutch pedal fully depressed, shift the shift lever to 1.
- 2 Lightly depress the accelerator pedal at the same time as gradually releasing the clutch pedal.
- 3 Release the parking brake.

■ 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.

■ Engine speed while driving (except for manual transmission)

In the following conditions, the engine speed may become high while driving. This is due to automatic up-shifting control or down-shifting implementation to meet driving conditions. It does not indicate sudden acceleration.

- The vehicle is judged to be driving uphill or downhill
- When the accelerator pedal is released
- Continuously variable transmission: When the brake pedal is depressed and vehicle deceleration is above certain level.
- Continuously variable transmission: When the brake pedal is depressed while sport mode is selected

■ Breaking in your new Toyota

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

- For the first 300 km (186 miles):
 - Avoid sudden stops.
- For the first 1000 km (621 miles):
 - Do not drive at extremely high speeds.
 - Avoid sudden acceleration.
 - Do not drive continuously in low gears.
 - Do not drive at a constant speed for extended periods.

■ Operating your vehicle in a foreign country

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P. 320)

**WARNING**

Observe the following precautions.

Failure to do so may result in death or serious injury.

■ **When starting the vehicle (except for manual transmission)**

Always keep your foot on the brake pedal while stopped with the engine running. This prevents the vehicle from creeping.

■ **When driving the vehicle**

- Do not drive if you are unfamiliar with the location of the brake and accelerator pedals to avoid depressing the wrong pedal.
 - Accidentally depressing the accelerator pedal instead of the brake pedal will result in sudden acceleration that may lead to an accident.
 - When backing up, you may twist your body around, leading to a difficulty in operating the pedals. Make sure to operate the pedals properly.
 - Make sure to keep a correct driving posture even when moving the vehicle only slightly. This allows you to depress the brake and accelerator pedals properly.
 - Depress the brake pedal using your right foot. Depressing the brake pedal using your left foot may delay response in an emergency, resulting in an accident.
- 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 engine. Turning the engine off while driving will not cause loss of steering or braking control, but the power assist to these systems will be lost. This will make it more difficult to steer and brake, so you should pull over and stop the vehicle as soon as it is safe to do so.

However, in the event of an emergency, such as if it becomes impossible to stop the vehicle in the normal way: →P. 273
- Use engine braking (downshift) to maintain a safe speed when driving down a steep hill.

Using the brakes continuously may cause the brakes to overheat and lose effectiveness. (→P. 145, 150)
- Do not adjust the display, 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, lightly depress the brake pedal to make sure that the brakes are functioning properly. Wet brake pads may prevent the brakes from functioning properly. If the brakes on only one side are wet and not functioning properly, steering control may be affected.

■ **When shifting the shift lever**

- Except for manual transmission: 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 cause the engine to stall or lead to poor brake and steering performance, resulting in an accident or damage to the vehicle.
- Except for manual transmission: Do not shift the shift lever to P while the vehicle is moving.
Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift lever to R while the vehicle is moving forward.
Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift lever to a driving position while the vehicle is moving backward.
Doing so can damage the transmission and may result in a loss of vehicle control.
- Moving the shift lever to N while the vehicle is moving will disengage the engine from the transmission. Engine braking is not available when N is selected.
- Except for manual transmission: Be careful not to shift the shift lever with the accelerator pedal depressed. Shifting the shift lever to a gear other than P or N may lead to unexpected rapid acceleration of the vehicle that may cause an accident and result in death or serious injury.

**WARNING**

Observe the following precautions.

Failure to do so may result in death or serious injury.

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

Have the brake pads checked and replaced by your Toyota dealer 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 race the engine.

If the vehicle is in any gear other than P (except for manual transmission) or N, the vehicle may accelerate suddenly and unexpectedly, causing an accident.

- Except for manual transmission: In order to prevent accidents due to the vehicle rolling away, always keep depressing the brake pedal while the engine is running, and apply the parking brake as necessary.

- If the vehicle is stopped on an incline, in order to prevent accidents caused by the vehicle rolling forward or backward, always depress the brake pedal and securely apply the parking brake as needed.

- Avoid revving or racing the engine.

Running the engine at high speed while the vehicle is stopped may cause the exhaust system to overheat, which could result in a fire if combustible material is nearby.

■ **When the vehicle is parked**

- Do not leave glasses, cigarette lighters, spray cans, or soft drink cans in the vehicle when it is in the sun.

Doing so may result in the following:

- Gas may leak from a cigarette lighter or spray can, and may lead to a fire.
- The temperature inside the vehicle may cause the plastic lenses and plastic material of glasses to deform or crack.
- Soft drink cans may fracture, causing the contents to spray over the interior of the vehicle, and may also cause a short circuit in the vehicle's electrical components.

**WARNING**

Observe the following precautions.

Failure to do so may result in death or serious injury.

■ **When the vehicle is parked**

- 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.
- Except for manual transmission: Always apply the parking brake, shift the shift lever to P, stop the engine and lock the vehicle.
Do not leave the vehicle unattended while the engine is running.
If the vehicle is parked with the shift lever in P but the parking brake is not set, the vehicle may start to move, possibly leading to an accident.
Manual transmission: Always apply the parking brake, stop the engine and lock the vehicle.
Do not leave the vehicle unattended while the engine is running.
- Do not touch the exhaust pipes while the engine is running or immediately after turning the engine off.
Doing so may cause burns.

■ **When taking a nap in the vehicle**

Always turn the engine off. Otherwise, if you accidentally move the shift lever or depress the accelerator pedal, this could cause an accident or fire due to engine 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.

**WARNING**

Observe the following precautions.

Failure to do so may result in death or serious injury.

■ When braking

- When the brakes are wet, drive more cautiously.
Braking distance increases when the brakes are wet, and this may cause one side of the vehicle to brake differently than the other side. Also, the parking brake may not securely hold the vehicle.
- If the brake booster device 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.
- Do not pump the brake pedal if the engine stalls.
Each push on the brake pedal uses up the reserve for the power-assisted brakes.
- The brake system consists of 2 individual hydraulic systems; if one of the systems fails, the other will still operate. In this case, the brake pedal should be depressed more firmly than usual and the braking distance will increase.
Have your brakes fixed immediately.

**NOTICE****■ When driving the vehicle (except for manual transmission)**

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



NOTICE

■ **When driving the vehicle (manual transmission)**

- Do not depress the accelerator and brake pedals at the same time during driving, as this may restrain driving torque.
- Do not shift gears unless the clutch pedal is fully depressed. After shifting, do not release the clutch pedal abruptly. Doing so may damage the clutch, transmission and gears.
- Observe the following to prevent the clutch from being damaged.
 - Do not rest your foot on the clutch pedal while driving.
Doing so may cause clutch trouble.
 - Do not use any gear other than the 1st gear when starting off and moving forward.
Doing so may damage the clutch.
 - Do not use the clutch to hold the vehicle when stopping on an uphill grade.
Doing so may damage the clutch.
- Do not shift the shift lever to R when the vehicle is still moving. Doing so may damage the clutch, transmission and gears.

■ **When parking the vehicle (except for manual transmission)**

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.



NOTICE

■ 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. 295)

■ When encountering flooded roads or waterlogged 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
- Rubber or mechanical part damage or poor lubrication due to grease being washed away, or grease becoming contaminated with mud or dirt

In the event that you drive on a flooded road and the vehicle is flooded, be sure to have your Toyota dealer check the following:

- Brake function
- Changes in quantity and quality of engine oil, transmission fluid, etc.
- Lubricant condition for the clutch fork (manual transmission), 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 trunk

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

- 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.

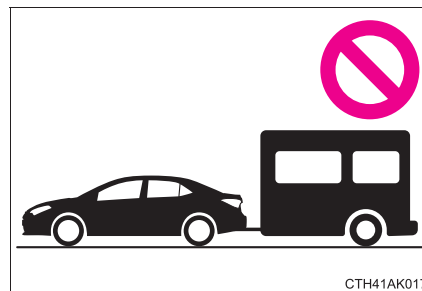
- Stow cargo and luggage in the trunk whenever possible.
- To prevent cargo and luggage from sliding forward during braking, do not stack anything in the enlarged trunk. Keep cargo and luggage low, as close to the floor as possible.
- Do not place cargo or luggage in or on the following locations.
 - At the feet of the driver
 - On the front passenger or rear seats (when stacking items)
 - On the package tray
 - On the instrument panel
 - On the dashboard
 - Auxiliary box or tray that has no lid
- Secure all items in the occupant compartment.
- Folding type rear seat: When you fold down the rear seats, long items should not be placed directly behind the front seats.
- Folding type rear seat: Never allow anyone to ride in the enlarged trunk. It is not designed for passengers. They should ride in their seats with their seat belts properly fastened.

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



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

Starting the engine

► Continuously variable transmission

- 1 Check that the parking brake is set.
- 2 Check that the shift lever is set in P.
- 3 Sit in the driver's seat and firmly depress the brake pedal.
- 4 Turn the engine switch to the "START" position and start the engine.

► Manual transmission

- 1 Check that the parking brake is set.
- 2 Check that the shift lever is set in N.
- 3 Firmly depress the clutch pedal.
- 4 Turn the engine switch to the "START" position and start the engine.

Changing the engine switch positions

① "LOCK"

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

② "ACC"

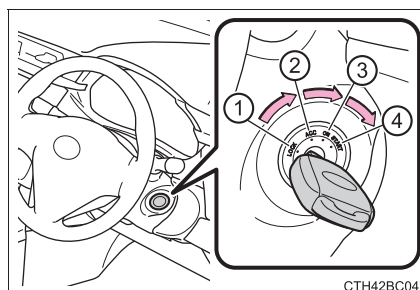
Some electrical components such as the audio system can be used.

③ "ON"

All electrical components can be used.

④ "START"

For starting the engine.

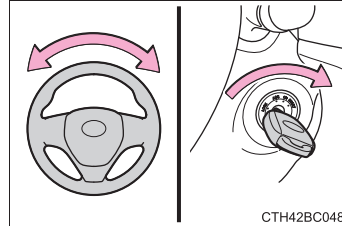


■ If the engine does not start

The engine immobilizer system may not have been deactivated. (→P. 61)
Contact your Toyota dealer.

■ When the steering lock cannot be released

When starting the engine, the engine switch may seem stuck in the "LOCK" position. To free it, turn the key while turning the steering wheel slightly left and right.



■ Key reminder function

A buzzer sounds if the driver's door is opened while the engine switch is in the "LOCK" or "ACC" position to remind you to remove the key.

⚠ WARNING

■ When starting the engine

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

■ Caution when driving

Do not turn the engine switch to the "LOCK" position while driving. If, in an emergency, you must turn the engine off while the vehicle is moving, turn the engine switch only to the "ACC" position to stop the engine. An accident may result if the engine is stopped while driving. (→P. 273)

⚠ NOTICE

■ To prevent battery discharge

Do not leave the engine switch in the "ACC" or "ON" position for long periods of time without the engine running.

■ When starting the engine

- Do not crank the engine for more than 30 seconds at a time. This may overheat the starter and wiring system.
- Do not race a cold engine.
- If the engine becomes difficult to start or stalls frequently, have your vehicle checked by your Toyota dealer immediately.

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

Performing the following operations when carrying the electronic key on your person starts the engine or changes engine switch modes.

Starting the engine

- 1 Check that the parking brake is set.
- 2 Check that the shift lever is set in P. Firmly depress the brake pedal.



will be displayed on the multi-information display. If it is not displayed, the engine cannot be started.

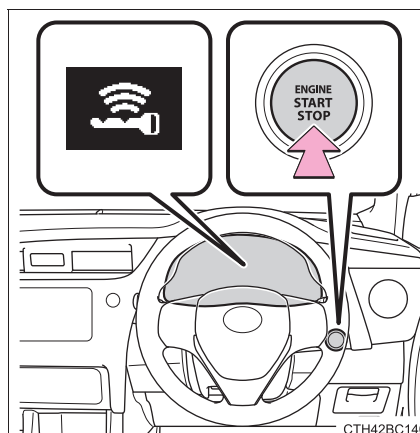
- 3 Press the engine switch shortly and firmly.

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

The engine will crank until it starts or for up to 30 seconds, whichever is less.

Continue depressing the brake pedal until the engine is completely started.

The engine can be started from any engine switch mode.



Stopping the engine

- 1 Stop the vehicle.
- 2 Set the parking brake (→P. 153), and shift the shift lever to P.
- 3 Press the engine switch shortly and firmly.
- 4 Release the brake pedal and check that “POWER ON” on the multi-information display is off.

Changing engine switch modes

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

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.

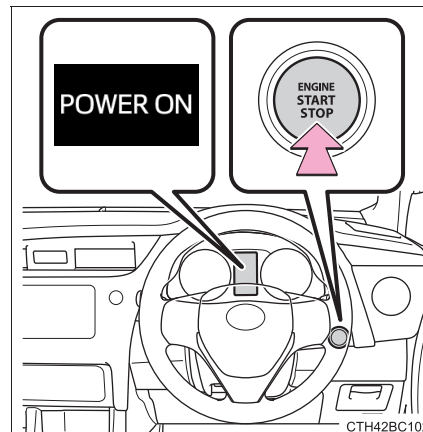
“POWER ON” will be displayed on the multi-information display.

IGNITION 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 engine, the engine switch will be turned to ACCESSORY mode, not to off.



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

If the engine is stopped with the shift lever in a position other than P, the engine 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.
- 3 Check that "POWER ON" and "Turn Power OFF" are displayed alternately on the multi-information display and then press the engine switch shortly and firmly 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 IGNITION ON mode (the engine is not running) for more than an hour with the shift lever in P, the engine switch will automatically turn off. However, this function cannot entirely prevent battery discharge. Do not leave the vehicle with the engine switch in ACCESSORY or IGNITION ON mode for long periods of time when the engine is not running.

■ Electronic key battery depletion

→P. 82

■ Conditions affecting operation

→P. 100

■ Notes for the entry function

→P. 101

■ If the engine does not start

- The engine immobilizer system may not have been deactivated. (→P. 61)
Contact your Toyota dealer.
- Check that the shift lever is securely set in P. The engine may not start if the shift lever is displaced out of P.
A message requesting the driver that the shift the shift lever to P will be displayed on the multi-information display.

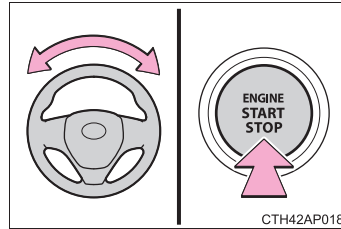
■ Steering lock

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

■ When the steering lock cannot be released

A message informing the driver that the steering wheel is locked will also be displayed on the multi-information display.

Check that the shift lever is set in P. Press the engine switch shortly and firmly 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 engine is turned on and off repeatedly in a short period of time. In this case, refrain from operating the engine. After about 10 seconds, the steering lock motor will resume functioning.

■ When a message requesting the smart entry & start system be inspected is displayed on the multi-information display

The system may be malfunctioning. Have the vehicle inspected by your Toyota dealer immediately.

■ If the electronic key battery is depleted

→P. 251

■ Operation of the engine switch

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

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

→P. 306

**WARNING****■ When starting the engine**

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

■ Caution while driving

If engine 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 engine in an emergency

If you want to stop the engine in an emergency while driving the vehicle, press and hold the engine switch for more than 2 seconds, or press it briefly 3 times or more in succession. (→P. 273)

However, do not touch the engine switch while driving except in an emergency. Turning the engine off while driving will not cause loss of steering or braking control, but the power assist to these systems will be lost. This will make it more difficult to steer and brake, so you should pull over and stop the vehicle as soon as it is safe to do so.

**NOTICE****■ To prevent battery discharge**

- Do not leave the engine switch in ACCESSORY or IGNITION ON mode for long periods of time without the engine running.
- If "POWER ON" is displayed on the multi-information display, the engine switch is not off. When exiting the vehicle, always check that the engine switch is off.
- Do not stop the engine when the shift lever is in a position other than P. If the engine is stopped in another shift lever position, the engine switch will not be turned off but instead be turned to ACCESSORY mode. If the vehicle is left in ACCESSORY mode, battery discharge may occur.

■ When starting the engine

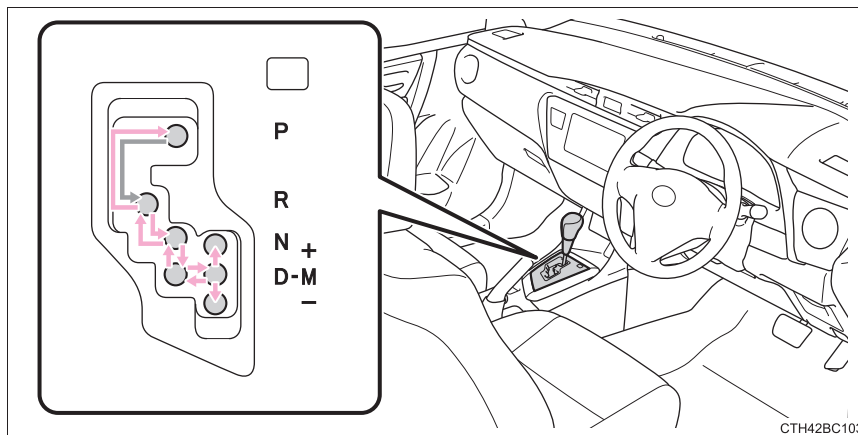
- Do not race a cold engine.
- If the engine becomes difficult to start or stalls frequently, have your vehicle checked by your Toyota dealer immediately.

■ Symptoms indicating a malfunction with the engine switch

If the engine switch seems to be operating somewhat differently than usual, such as the switch sticking slightly, there may be a malfunction. Contact your Toyota dealer immediately.

Continuously variable transmission*

Shifting the shift lever



- ← Vehicles without a smart entry & start system:
While the engine switch is in the “ON” position, depress the brake pedal and move the shift lever.
- Vehicles with a smart entry & start system:
While the engine switch is in IGNITION ON mode, depress the brake pedal and move the shift lever.
- When shifting the shift lever between P and D, make sure that the vehicle is completely stopped.

4

Driving

*: If equipped

Shift position purpose

Shift position	Objective or function
P	Parking the vehicle/starting the engine
R	Reversing
N	Neutral (Condition in which the power is not transmitted)
D	Normal driving ^{*1}
M	7-speed sport sequential shiftmatic mode driving ^{*2} (→P. 147)

^{*1}: To improve fuel efficiency and reduce noises, set the shift lever in D for normal driving.

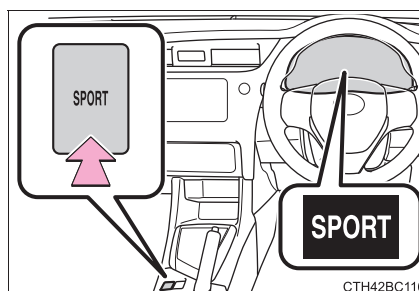
^{*2}: Selecting gear step using the M position achieves suitable engine braking forces by operating the shift lever or paddle shift switches (if equipped).

Sport mode

Press the switch.

For powerful acceleration and driving in mountainous regions.

Press the switch again to return to normal mode.



Temporarily engaged gear steps selection mode in the D position (vehicles with paddle shift switches)

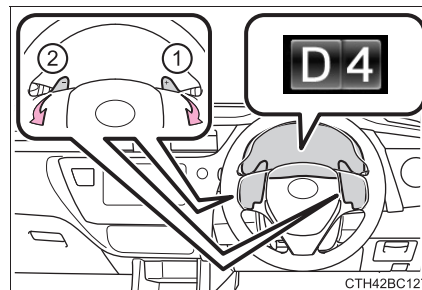
To drive in temporary gear steps selection mode, operate the “-” and “+” paddle shift switches. The gear steps can then be selected by operating the “-” and “+” paddle shift switches. By selecting gear step using paddle shift switches, you can control engine braking forces.

① Upshifting

② Downshifting

The selected gear step, from D1 to D7, will be displayed in the meter.

To return to normal D position driving, the “+” paddle shift switch must be held down for a period of time.



Changing gear steps in the M position

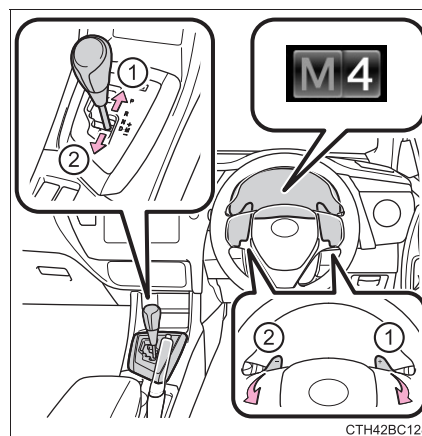
To enter 7-speed sport sequential shiftmatic mode, shift the shift lever to M. Gear steps can then be selected by operating the shift lever or paddle shift switches (if equipped), allowing you to drive in the gear step of your choosing.

① Upshifting

② Downshifting

The gear changes once every time the shift lever is operated.

The selected gear step, from M1 to M7, will be displayed in the meter.



However, even when in the M position, the gear steps will be automatically changed if the engine speed is too high, or too low.

■ Gear step functions

- You can choose from 7 levels of engine braking force.
- A lower gear step will provide greater engine braking force than a higher gear step, and the engine speed will also increase.

■ If the 7-speed sport sequential shiftmatic mode indicator does not come on even after shifting the shift lever to M

This may indicate a malfunction in the continuously variable transmission system. Have the vehicle inspected by your Toyota dealer immediately. (In this situation, the transmission will operate in the same manner as when the shift lever is in D.)

■ When the vehicle comes to a stop with the shift lever in the M position

- The transmission will automatically downshift to M1 once the vehicle is stopped.
- After a stop, the vehicle will start off in M1.
- When the vehicle is stopped, the transmission is set at M1.

■ When driving with cruise control activated (if equipped)

Even when performing the following actions with the intent of enabling engine braking, engine braking will not activate because cruise control will not be canceled.

- While driving in D or 7-speed sport sequential shiftmatic mode, downshifting to 6, 5 or 4. (→P. 147)
- When switching the driving mode to sport mode while driving in D position. (→P. 146)

■ Downshifting restrictions warning buzzer

To help ensure safety and driving performance, downshifting operation may sometimes be restricted. In some circumstances, downshifting may not be possible even when the shift lever is operated. (A buzzer will sound twice.)

■ 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 engine switch is in the "ON" position (vehicles without a smart entry & start system) or IGNITION 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.

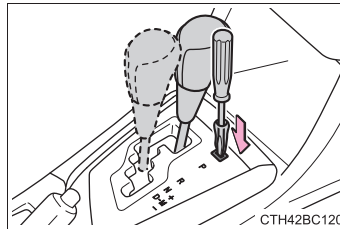
If the shift lever cannot be shifted with your foot on the brake pedal, there may be a problem with the shift lock system. Have the vehicle inspected by your Toyota dealer immediately.

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 Vehicles without a smart entry & start system: Turn the engine switch to the "LOCK" position.
Vehicles with a smart entry & start system: Turn the engine switch to off.
- 3 Depress the brake pedal.
- 4 Press the shift lock override button with a flathead screwdriver or equivalent tool.

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



■ G AI-SHIFT

G AI-SHIFT automatically selects a suitable gear for sporty driving according to driver's input and driving conditions. G AI-SHIFT operates automatically when the shift lever is in D and sport mode is selected for the driving mode. (Selecting normal mode or shifting the shift lever to the M position cancels this function.)



WARNING

■ When driving on slippery road surfaces

Be careful of downshifting and sudden acceleration, as this could result in the vehicle skidding to the side or spinning.

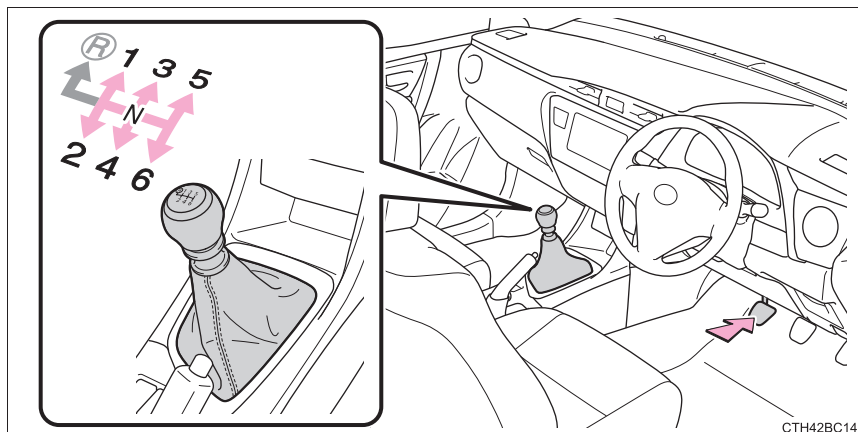
■ To prevent an accident when releasing the shift lock

Before pressing the shift lock override button, make sure to set the parking brake and depress the brake pedal.

If the accelerator pedal is accidentally depressed instead of the brake pedal when the shift lock override button is pressed and the shift lever is shifted out of P, the vehicle may suddenly start, possibly leading to an accident resulting in death or serious injury.

Manual transmission*

Shifting the shift lever

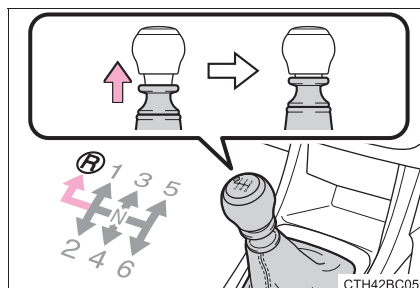


- 1 Depress the clutch pedal firmly.
- 2 Shift the shift lever slowly and securely.
Make sure to only shift gears sequentially.
- 3 Gradually release the clutch pedal.

If it is difficult to shift in R, shift the shift lever to N, release the clutch pedal momentarily, and then try again.

Shifting the shift lever to R

Shift the shift lever to R while lifting up the ring section.



*: If equipped

■ **Maximum downshifting speeds**

Observe the downshifting speeds in the following table to prevent over-revving the engine.

km/h (mph)

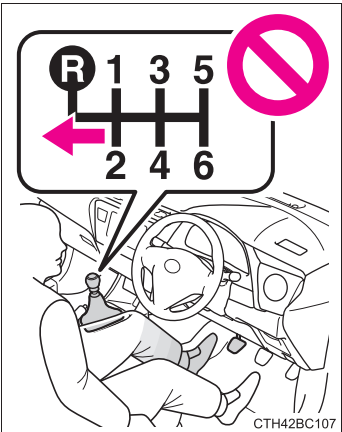
Shift position	Maximum speed
1	45 (28)
2	84 (52)
3	123 (76)
4	166 (103)

 NOTICE

■ **To prevent damage to the vehicle**

When shifting gears, observe the following precautions. Failure to do so may cause damage to the engine, manual transmission, and/or clutch.

- Do not shift the shift lever to R without depressing the clutch pedal.

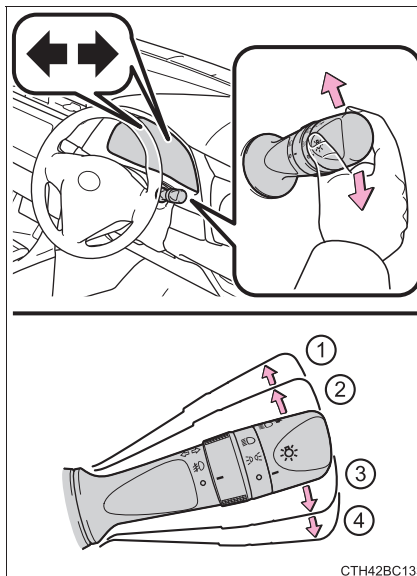


- Do not lift up the ring section except when shifting the lever to R.
- Shift the shift lever to R only when the vehicle is stationary.
- Do not rest your hand on or hold the shift lever anytime other than when shifting.
- In order not to cause the engine to overrev, make sure to only shift gears sequentially.
- Do not release the clutch pedal suddenly, as doing so may cause damage to the clutch or transmission.

Turn signal lever

Operating instructions

- ① Left turn
- ② Lane change to the left (push and hold the lever partway)
The left hand signals will flash until you release the lever.
- ③ Lane change to the right (push and hold the lever partway)
The right hand signals will flash until you release the lever.
- ④ Right turn



■ Turn signals can be operated when

- ▶ Vehicles without a smart entry & start system

The engine switch is in the "ON" position.

- ▶ Vehicles with a smart entry & start system

The engine switch is in IGNITION ON mode.

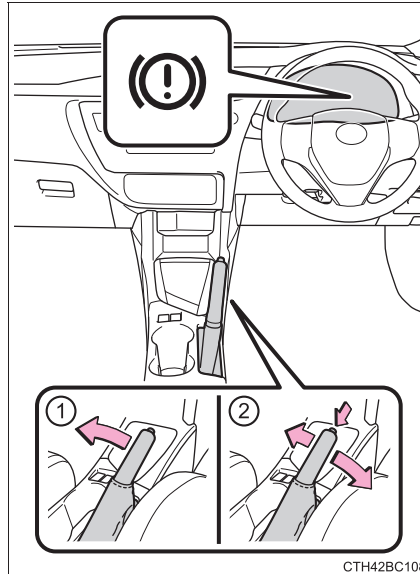
■ If the indicator flashes faster than usual

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

Parking brake

Operating instructions

- 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. 125

■ 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 with the parking brake engaged. (→P. 283, 287)

■ Usage in winter time

→P. 173

⚠ NOTICE

■ Before driving

Fully release the parking brake.

Driving the vehicle with the parking brake set will lead to brake components overheating, which may affect braking performance and increase brake wear.

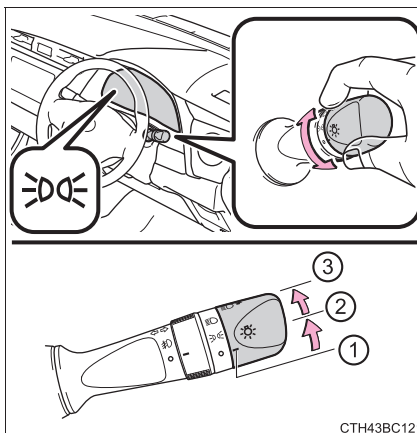
Headlight switch

The headlights can be operated manually or automatically.

Operating instructions

Operating the  switch turns on the lights as follows:

- ①  Vehicles without daytime running light system: off
Vehicles with daytime running light system: the daytime running lights turn on (→P. 155).
- ②  The front position, tail, license plate and instrument panel lights turn on.
- ③  The headlights and all lights listed above turn on.

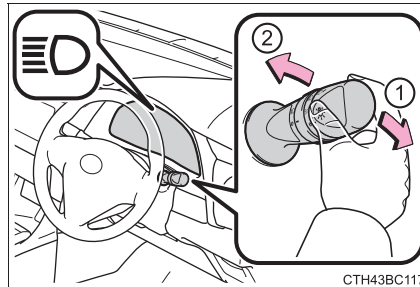


Turning on the high beam headlights

- ① With the headlights on, push the lever away from you to turn on the high beams.

Pull the lever toward you to the center position to turn the high beams off.

- ② Pull the lever toward you and release it to flash the high beams once.



You can flash the high beams with the headlights on or off.

■ Daytime running light system (if equipped)

To make your vehicle more visible to other drivers during daytime driving, the daytime running lights turn on automatically whenever the engine is started and the parking brake is released with the headlight switch off. (Illuminate brighter than the front position lights.) Daytime running lights are not designed for use at night.

■ Automatic light off system (if equipped)

► Vehicles without a smart entry & start system

The headlights and tail lights turn off automatically if the engine switch is turned to "ACC" or "LOCK" position and the driver's door is opened.

To turn the lights on again, turn the engine switch to "ON" position, or turn the headlight switch off once and then back to on.

► Vehicles with a smart entry & start system

The headlights and tail lights turn off automatically if the engine switch is turned to ACCESSORY mode or off and the driver's door is opened.

To turn the lights on again, turn the engine switch to IGNITION ON mode, or turn the headlight switch off once and then back to on.

■ Automatic headlight leveling system (if equipped)

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

■ Light reminder buzzer (if equipped)

A buzzer sounds when after the engine is stopped and the driver's door is opened while the lights are turned on.

■ Battery-saving function

In the following conditions, 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 engine switch is in the "LOCK" position (vehicles without a smart entry & start system) or turned off (vehicles with a smart entry & start system).

This function will be canceled in any of the following situations:

- When the engine switch is turned to the "ON" position (vehicles without a smart entry & start system) or IGNITION ON mode (vehicles with a smart entry & start system)
- When the light switch is operated
- When the door or trunk is opened or closed

**NOTICE****■ To prevent battery discharge**

Do not leave the lights on longer than necessary when the engine is not running.

Fog light switch*

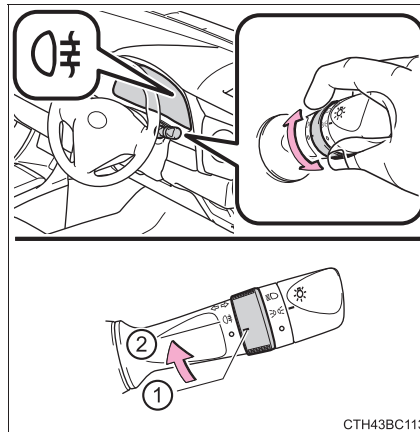
The fog lights secure excellent visibility in difficult driving conditions, such as in rain and fog.

► Rear fog light switch

- ① ○ Turns the rear fog light off
- ② 0≡ Turns the rear fog light on

Releasing the switch ring returns it to ○.

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

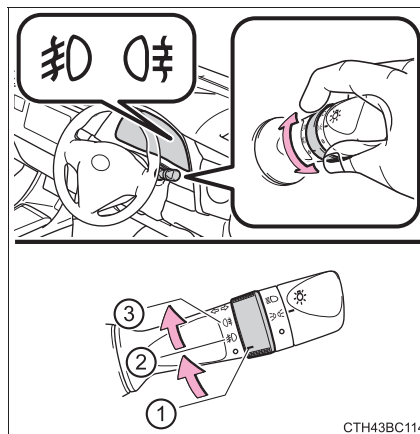


► Front and rear fog light switch

- ① ○ Turns the front and rear fog lights off
- ② 0≡ Turns the front fog lights on
- ③ 0≡ Turns both front and rear fog lights on

Releasing the switch ring returns it to 0≡.

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



*: If equipped

■ 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.

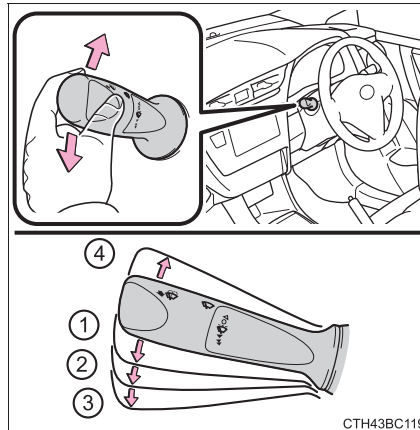
Windshield wipers and washer

Operating the wiper lever

Operating the  lever operates the wipers or washer as follows:

► Intermittent windshield wipers

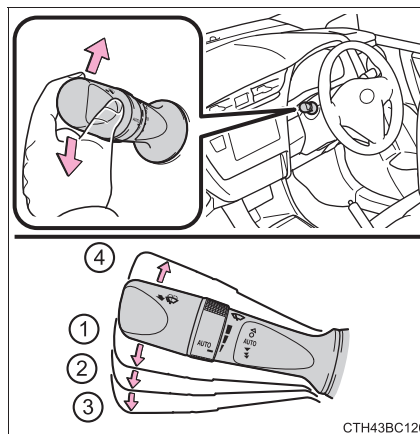
- ①  Intermittent windshield wiper operation
- ② ▼ Low speed windshield wiper operation
- ③ ▼ High speed windshield wiper operation
- ④ ▲ Temporary operation



► Rain-sensing windshield wipers

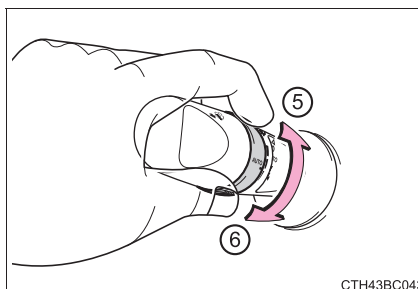
When “AUTO” is selected, the wipers will operate automatically when the sensor detects falling rain. The system automatically adjusts wiper timing in accordance with rain volume and vehicle speed.

- ① **AUTO** Rain-sensing windshield wiper operation
- ② ▼ Low speed windshield wiper operation
- ③ ▼ High speed windshield wiper operation
- ④ ▲ Temporary operation



When "AUTO" is selected, the sensor sensitivity can be adjusted as follows by turning the switch ring.

- ⑤ Increases the rain-sensing windshield wiper sensitivity
- ⑥ Decreases the rain-sensing windshield wiper sensitivity



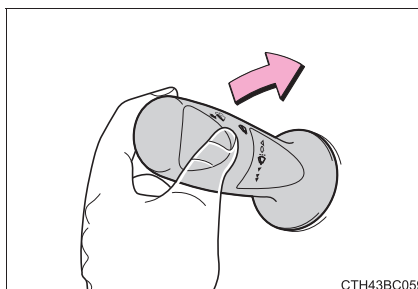
CTH43BC043



Washer/wiper dual operation

Pulling the lever operates the wipers and washer.

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



CTH43BC059

■ The windshield wiper and washer can be operated when

- ▶ Vehicles without a smart entry & start system

The engine switch is in the "ON" position.

- ▶ Vehicles with a smart entry & start system

The engine switch is in IGNITION ON mode.

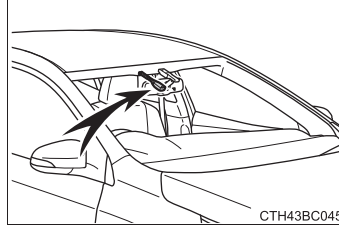
■ Effects of vehicle speed on wiper operation (vehicles with rain-sensing windshield wipers)

Even when the wipers are not in "AUTO" mode, wiper operation varies depending on vehicle speed when the washer is being used (delay until drip prevention wiper sweep occurs).

■ Raindrop sensor (vehicles with rain-sensing windshield wipers)

- The raindrop sensor judges the amount of raindrops.

An optical sensor is adopted. It may not operate properly when sunlight from the rising or setting of the sun intermittently strikes the windshield, or if bugs etc. are present on the windshield.



- If the wiper switch is turned to the "AUTO" position while the engine switch is in IGNITION ON mode, the wiper will operate once to show that "AUTO" mode is activated.
- If the temperature of the raindrop sensor is 85°C (185°F) or higher, or -30°C (-22°F) or lower, automatic operation may not occur. In this case, operate the wipers in any mode other than "AUTO".

■ If no windshield washer fluid sprays

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



WARNING

■ 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.

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

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



NOTICE

■ When the windshield is dry

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

■ When the washer fluid tank is empty

Do not operate the switch continually as the washer fluid pump may over-heat.

■ When a nozzle becomes blocked

In this case, contact your Toyota dealer.

Do not try to clear it with a pin or other object. The nozzle will be damaged.

Opening the fuel tank cap

Perform the following steps to open the fuel tank cap:

Before refueling the vehicle

- Turn the engine switch off and ensure that all the doors and windows are closed.
- Confirm the type of fuel. (→P. 327)

■ Fuel types

→P. 327

■ Fuel tank opening for unleaded gasoline

To help prevent incorrect fueling, your vehicle has a fuel tank opening that only accommodates the special nozzle on unleaded fuel pumps.



WARNING

■ **When refueling the vehicle**

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

- After exiting the vehicle and before opening the fuel door, touch an unpainted metal surface to discharge any static electricity. It is important to discharge static electricity before refueling because sparks resulting from static electricity can cause fuel vapors to ignite while refueling.
- Always hold the grips on the fuel tank cap and turn it slowly to remove it. A whooshing sound may be heard when the fuel tank cap is loosened. Wait until the sound cannot be heard before fully removing the cap. In hot weather, pressurized fuel may spray out the filler neck and cause injury.
- Do not allow anyone that has not discharged static electricity from their body to come close to an open fuel tank.
- Do not inhale vaporized fuel.
Fuel contains substances that are harmful if inhaled.
- Do not smoke while refueling the vehicle.
Doing so may cause the fuel to ignite and cause a fire.
- Do not return to the vehicle or touch any person or object that is statically charged.
This may cause static electricity to build up, resulting in a possible ignition hazard.

■ **When refueling**

Observe the following precautions to prevent fuel overflowing from the fuel tank:

- Securely insert the fuel nozzle into the fuel filler neck.
- Stop filling the tank after the fuel nozzle automatically clicks off.
- Do not top off the fuel tank.



NOTICE

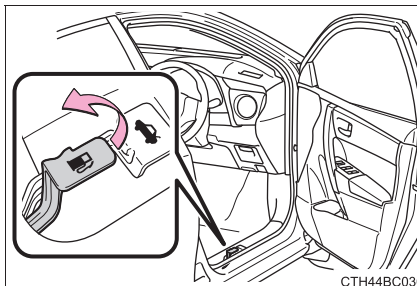
■ **Refueling**

Do not spill fuel during refueling.

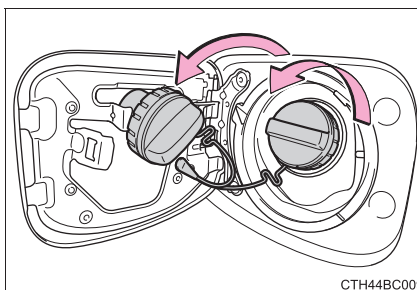
Doing so may damage the vehicle, such as causing the emission control system to operate abnormally or damaging fuel system components or the vehicle's painted surface.

Opening the fuel tank cap

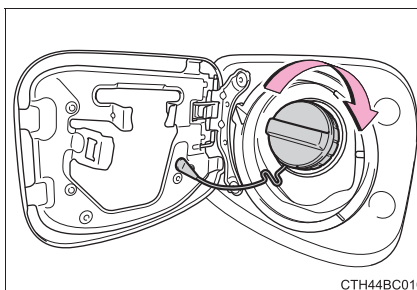
- 1 Pull up the opener to open the fuel filler door.



- 2 Turn the fuel tank cap slowly to remove it and hang it on the back of the fuel filler door.

**Closing the fuel tank cap**

After refueling, turn the fuel tank cap until you hear a click. Once the cap is released, it will turn slightly in the opposite direction.

**⚠ WARNING****■ When replacing the fuel tank cap**

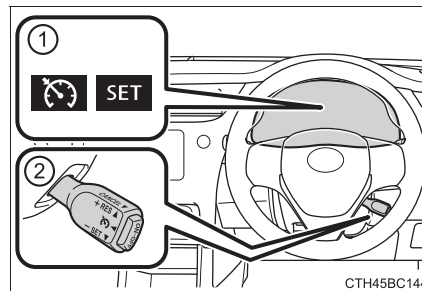
Do not use anything but a genuine Toyota fuel tank cap designed for your vehicle. Doing so may cause a fire or other incident which may result in death or serious injury.

Cruise control*

Summary of functions

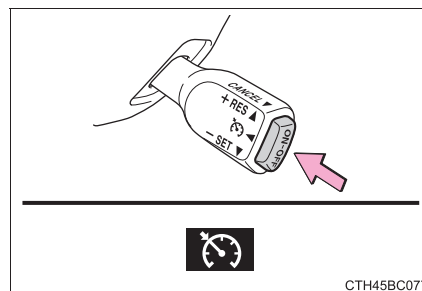
Use the cruise control to maintain a set speed without depressing the accelerator pedal.

- ① Indicators
- ② Cruise control switch

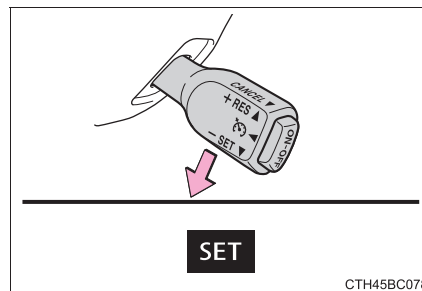


Setting the vehicle speed

- 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

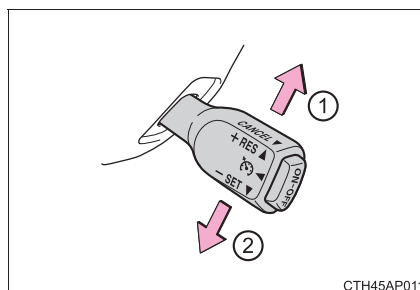
Adjusting the set speed

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.



CTH45AP011

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.

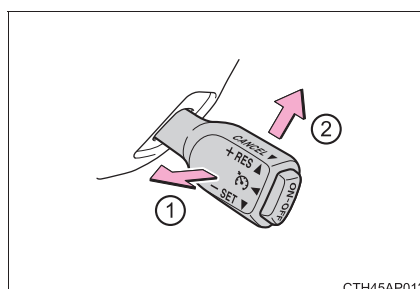
Canceling and resuming the constant speed control

- 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).



CTH45AP012

■ Cruise control can be set when

- The shift lever is in the D or range 4 or higher of M has been selected.
- Range 4 or higher has been selected by using the paddle shift. (if equipped)
- 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).
- ▶ Vehicles with a VSC system
- VSC is activated.
- TRC is activated for period time.
- When the VSC or TRC system is turned off.

■ If the warning message for the cruise control is shown on the multi-information display

Press the "ON-OFF" button once to deactivate the system, and then press the button again to reactivate the system.

If the cruise control speed cannot be set or if the cruise control cancels immediately after being activated, there may be a malfunction in the cruise control system. Have the vehicle inspected by your Toyota dealer.

**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.

◆ 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) (if equipped)

Helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces.

◆ TRC (Traction Control) (if equipped)

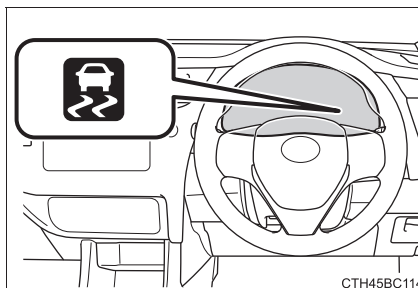
Helps to maintain drive power and prevent the drive wheels from spinning when starting the vehicle or accelerating on slippery roads

◆ EPS (Electric Power Steering)

Employs an electric motor to reduce the amount of effort needed to turn the steering wheel.

When the TRC/VSC systems are operating

The slip indicator light will flash while the TRC/VSC systems are operating.



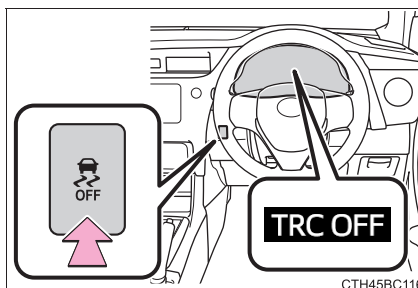
Disabling the TRC system

If the vehicle gets stuck in mud, dirt or snow, the TRC system may reduce power from the engine 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 .

The "TRC OFF" indicator light will come on.

Press  again to turn the system back on.



■ Turning off both TRC and VSC systems

To turn the TRC and VSC systems off, press and hold  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.

■ When the “TRC OFF” indicator light comes on even if has not been pressed

TRC cannot be operated. Contact your Toyota dealer.

■ Sounds and vibrations caused by the ABS, brake assist, VSC and TRC systems

- A sound may be heard from the engine compartment when the brake pedal is depressed repeatedly, when the engine 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.
 - The brake pedal may pulsate slightly after the ABS is activated.
 - The brake pedal may move down slightly after the ABS is activated.

■ 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 engine 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 engine off. The EPS system should return to normal within 10 minutes.

**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.

■ When the TRC/VSC is activated

The slip indicator light flashes. Always drive carefully. Reckless driving may cause an accident. Exercise particular care when the indicator light flashes.

■ 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 your Toyota dealer 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.

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 coolant
 - Washer fluid
- Have a service technician inspect the condition of the battery.
- Have the vehicle fitted with four snow tires or purchase a set of tire chains for the front tires.

Ensure that all tires are the same size and brand, and that chains match the size of the tires.

Before driving the vehicle

Perform the following according to the driving conditions:

- Do not try to forcibly open a window or move a wiper that is frozen. Pour warm water over the frozen area to melt the ice. Wipe away the water immediately to prevent it from freezing.
- To ensure proper operation of the climate control system fan, remove any snow that has accumulated on the air inlet vents in front of the windshield.
- Check for and remove any excess ice or snow that may have accumulated on the exterior lights, outside rear view mirrors, windows, vehicle's roof, chassis, around the tires or on the brakes.
- Remove any snow or mud from the bottom of your shoes before getting in the vehicle.

When driving the vehicle

Accelerate the vehicle slowly, keep a safe distance between you and the vehicle ahead, and drive at a reduced speed suitable to road conditions.

When parking the vehicle

- Park the vehicle and move the shift lever to P (except for manual transmission) or 1 or R (manual transmission) without setting the parking brake. The parking brake may freeze up, preventing it from being released. If the vehicle is parked without setting the parking brake, make sure to block the wheels.

Failure to do so may be dangerous because it may cause the vehicle to move unexpectedly, possibly leading to an accident.

- Except for manual transmission: 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 your Toyota dealer immediately.

Selecting tire chains

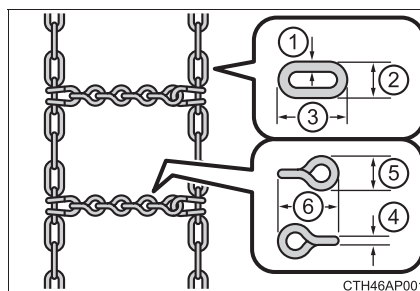
Use the correct tire chain size when mounting the tire chains.
Chain size is regulated for each tire size.

Side chain:

- ① 3 mm (0.12 in.) in diameter
- ② 10 mm (0.39 in.) in width
- ③ 30 mm (1.18 in.) in length

Cross chain:

- ④ 4 mm (0.16 in.) in diameter
- ⑤ 14 mm (0.55 in.) in width
- ⑥ 25 mm (0.98 in.) in length



Regulations on the use of tire chains

Regulations regarding the use of tire chains vary depending on location and type of road. Always check local regulations before installing chains.

■ Tire chain installation

Observe the following precautions when installing and removing chains:

- Install and remove tire chains in a safe location.
- Install tire chains on the front tires. Do not install tire chains on the rear tires.
- Install tire chains on front tires as tightly as possible. Retighten chains after driving 0.5 — 1.0 km (1/4 — 1/2 mile).
- Install tire chains following the instructions provided with the tire chains.

WARNING

■ Driving with snow tires

Observe the following precautions to reduce the risk of accidents. Failure to do so may result in a loss of vehicle control and cause death or serious injury.

- Use tires of the specified size.
- Maintain the recommended level of air pressure.
- Do not drive at speeds in excess of the speed limit or the speed limit specified for the snow tires being used.
- Use snow tires on all, not just some wheels.

■ Driving with tire chains

Observe the following precautions to reduce the risk of accidents. Failure to do so may result in the vehicle being unable to be driven safely, and may cause death or serious injury.

- Do not drive in excess of the speed limit specified for the tire chains being used, or 50 km/h (30 mph), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.

Interior features

5

5-1. Using the air conditioning system and defogger

Manual air conditioning system	178
Automatic air conditioning system	184

5-2. Using the interior lights

Interior lights list.....	191
• Personal lights	192
• Vanity lights	192
• Interior light.....	193

5-3. Using the storage features

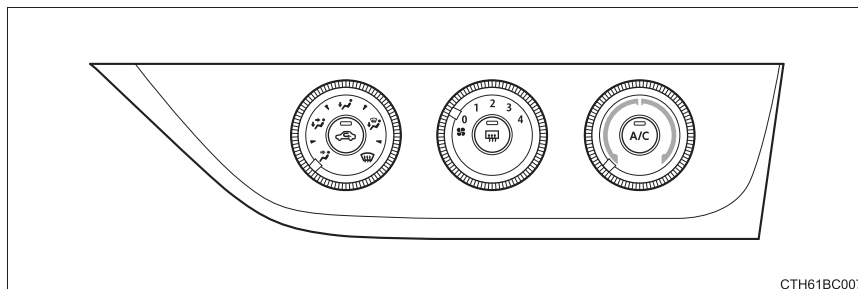
List of storage features	194
• Glove box	195
• Console box	195
• Bottle holders	196
• Cup holders	197
• Auxiliary boxes	199

5-4. Other interior features

Other interior features.....	200
• Sun visors.....	200
• Vanity mirrors	200
• Clock	200
• Outside temperature display	201
• Power outlet	202
• Audio remote control switches.....	203
• Assist grips	204
• Armrest.....	204

Manual air conditioning system*

Air conditioning controls



■ Adjusting the temperature setting

To adjust the temperature setting, turn the  dial clockwise (warm) or counterclockwise (cool).

If  is not pressed, the system will blow ambient temperature air or heated air.

■ Fan speed setting

To adjust the fan speed, turn the  dial clockwise (increase) or counterclockwise (decrease).

Turning the dial to "0" turns off the fan.

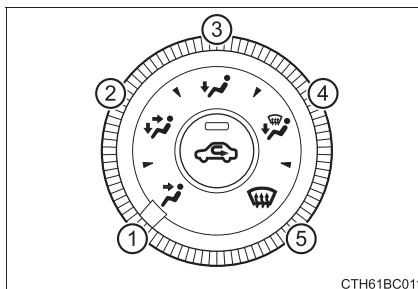
*: If equipped

■ Change the airflow mode

To select the air outlets, turn the  dial to the desired position.

The air outlets used are switched each time the dial position is selected.

- 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.
- ⑤ Defogging the windshield



Other functions

■ Switching between outside air and recirculated air modes

Press .

The mode switches between outside air mode (indicator off) and recirculated air mode (indicator on) each time  is pressed.

■ Defogging the windshield

Defoggers are used to defog the windshield and front side windows.

Set the air outlet selector dial to the  position.

Set the outside/recirculated air mode button to outside air mode if the recirculated air mode is used. (It may switch automatically.)

To defog the windshield and the side windows early, turn the air flow and temperature up.

If the dehumidification function is not operating, press  to operate the dehumidification function.

■ Defogging the rear window

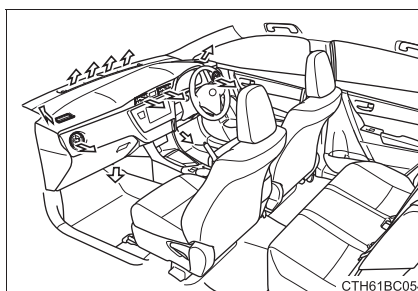
Defoggers are used to defog the rear window.

Press .

Air outlets

■ Location of air outlets

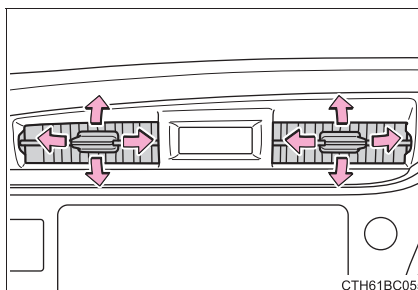
The air outlets and air volume changes according to the selected airflow mode.



■ Adjusting the position of and opening and closing the air outlets

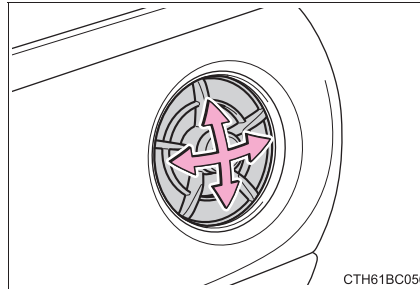
► Front center outlets

Direct air flow to the left or right, up or down.

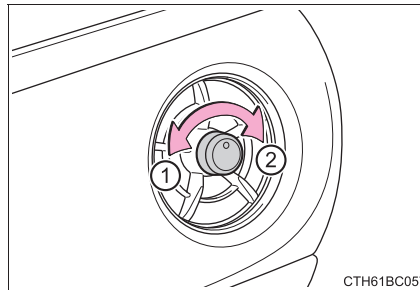


► Front side outlets

Direct air flow to the left or right,
up or down.



- ① Open the vent
- ② Close the vent



■ 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.

■ When driving on dusty roads

Close all windows. If dust thrown up by the vehicle is still drawn into the vehicle after closing the windows, it is recommended that the air intake mode be set to outside air mode and the fan speed to any setting except off.

■ Outside/recirculated air mode

Setting to the recirculated air mode temporarily is recommended in preventing dirty air from entering the vehicle interior and helping to cool the vehicle when the outside air temperature is high.

■ When the outside temperature is low

The air conditioning system may not operate even when  is pressed.

■ Ventilation and air conditioning odors

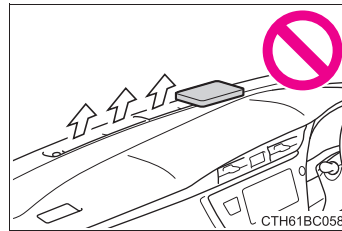
- To let fresh air in, set the air conditioning system to the outside air mode.
- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.
- To reduce potential odors from occurring:
It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.

■ Air conditioning filter

→P. 249

⚠ WARNING**■ To prevent the windshield from fogging up**

- Do not set the air outlet selector dial to  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.

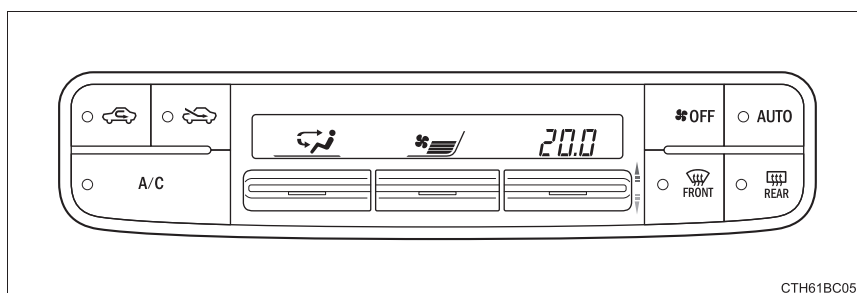
**⚠ NOTICE****■ To prevent battery discharge**

Do not leave the air conditioning system (including the rear window defogger) on longer than necessary when the engine is stopped.

Automatic air conditioning system*

Air outlets and fan speed are automatically adjusted according to the temperature setting.

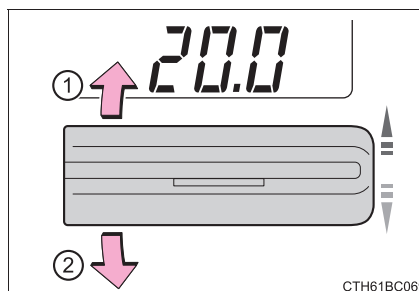
Air conditioning controls



■ Adjusting the temperature setting

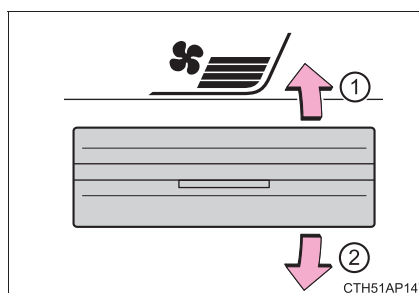
- ① Increases the temperature
- ② Decreases the temperature

If  is not pressed, the system will blow ambient temperature air or heated air.



■ Fan speed setting

- ① Increases the fan speed
- ② Decreases the fan speed



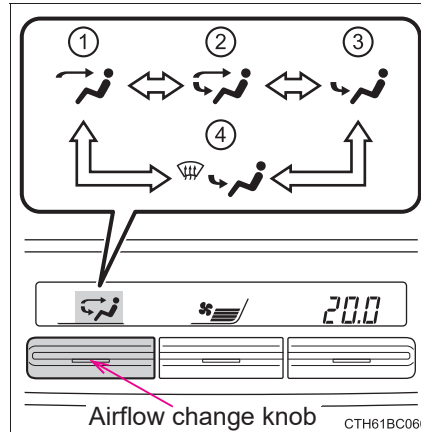
*: If equipped

■ Change the airflow mode

To change the airflow mode, move the airflow change knob upward or downward.

The air outlets used are changed each time the knob is operated.

- 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.



■ Other functions

- Switching between outside air and recirculated air modes (→P. 186)
- Defogging the windshield (→P. 187)
- Defogging the rear window (→P. 187)

Using automatic mode

- 1 Press .

The dehumidification function begins to operate. Air outlets and fan speed are automatically adjusted according to the temperature setting.

- 2 Adjust the temperature setting.

- 3 To stop the operation, press .

Other functions

■ Switching between outside air and recirculated air modes

Press  to change to recirculated air mode.

Press  to change to outside air mode.

When recirculated air mode is selected, the indicator on  illuminates.

When outside air mode is selected, the indicator on  illuminates.

■ Defogging the windshield

Defoggers are used to defog the windshield and front side windows.

Press  .

The dehumidification function operates and fan speed increases.

Set the outside/recirculated air mode button to the outside air mode if the recirculated air mode is used. (It may switch automatically.)

To defog the windshield and the front 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

Defoggers are used to defog the rear window.

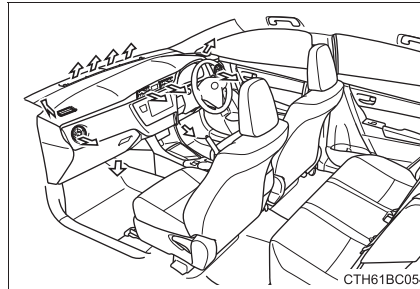
Press  .

The defoggers will automatically turn off after a period of time.

Air outlets

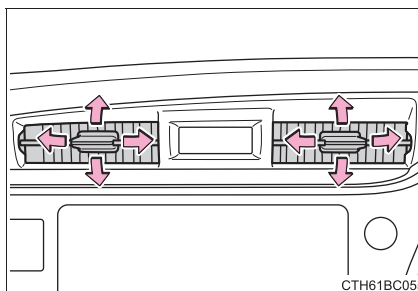
■ Location of air outlets

The air outlets and air volume changes according to the selected airflow mode.

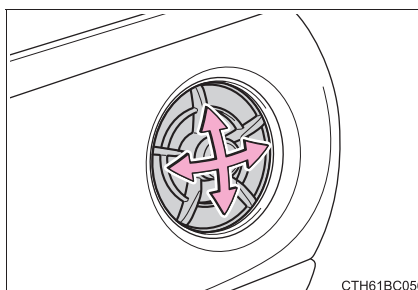


■ Adjusting the position of and opening and closing the air outlets**► Front center outlets**

Direct air flow to the left or right, up or down.

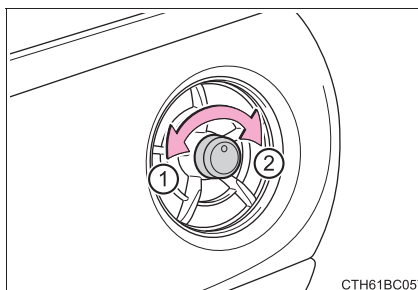
**► Front side outlets**

Direct air flow to the left or right, up or down.



① Open the vent

② Close the vent



■ Using automatic mode

Fan speed is adjusted automatically according to the temperature setting and the ambient conditions.

Therefore, the fan may stop for a while until warm or cool air is ready to flow immediately after  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.

■ When driving on dusty roads

Close all windows. If dust thrown up by the vehicle is still drawn into the vehicle after closing the windows, it is recommended that the air intake mode be set to outside air mode and the fan speed to any setting except off.

■ Outside/recirculated air mode

- Setting to the recirculated air mode temporarily is recommended in preventing dirty air from entering the vehicle interior and helping to cool the vehicle when the outside air temperature is high.
- Outside/recirculated air mode may automatically switch depending on the temperature setting or the inside temperature.

■ When the outside temperature is low

The dehumidification function may not operate even when  is pressed.

■ Ventilation and air conditioning odors

- To let fresh air in, set the air conditioning system to the outside air mode.
- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.
- To reduce potential odors from occurring:
 - It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.
 - The start timing of the blower may be delayed for a short period of time immediately after the air conditioning system is started in automatic mode.

■ Air conditioning filter

→P. 249

■ Customization that can be configured at Toyota dealer

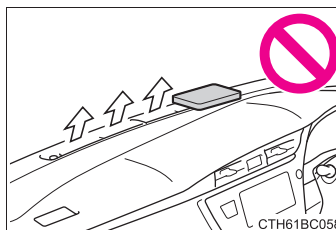
Settings (e.g. air conditioning setting) can be changed.
(Customizable features →P. 328)

⚠ WARNING**■ To prevent the windshield from fogging up**

- Do not use  during cool air operation in extremely humid weather.

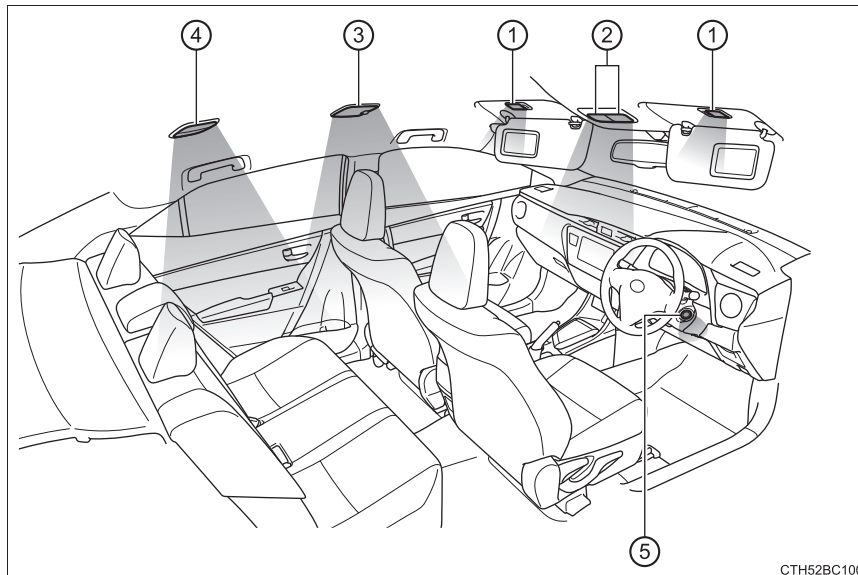
The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

- 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.

**⚠ NOTICE****■ To prevent battery discharge**

Do not leave the air conditioning system on longer than necessary when the engine is stopped.

Interior lights list

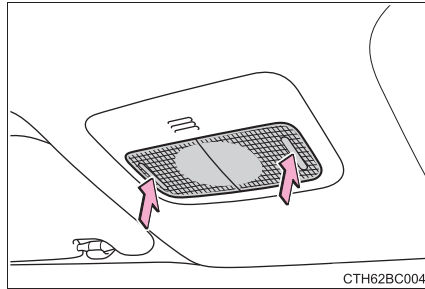


- ① Vanity lights (if equipped) (→P. 192)
- ② Front personal lights (→P. 192)
- ③ Interior light (→P. 193)
- ④ Rear personal lights (if equipped) (→P. 192)
- ⑤ Engine switch light

Personal lights

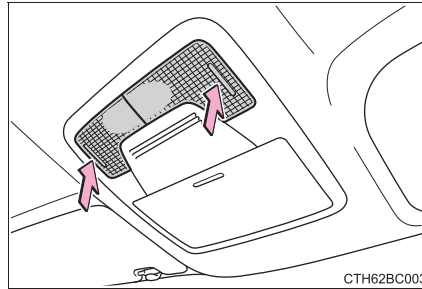
■ Front

► Without an auxiliary box



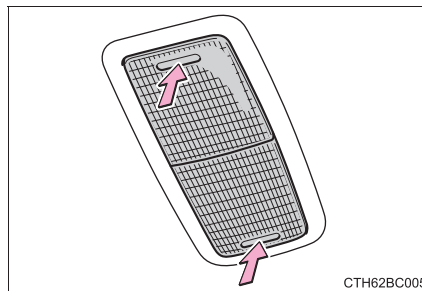
On/off

► With an auxiliary box



■ Rear (if equipped)

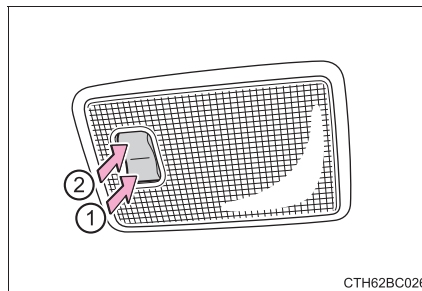
On/off



Vanity lights (if equipped)

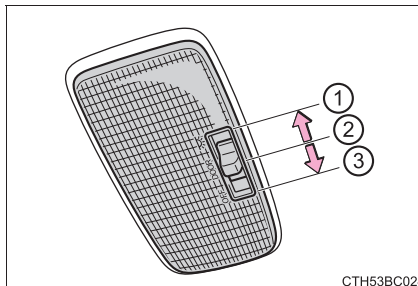
① On

② Off



Interior light

- ① On
- ② Door position
- ③ Off



■ Illuminated entry system

Vehicles without a smart entry & start system:

The lights automatically turn on/off according to the engine switch position, whether the doors are locked/unlocked, and whether the doors are open/closed.

Vehicles with a smart entry & start system:

The lights automatically turn on/off according to the engine switch mode, the presence of the electronic key, whether the doors are locked/unlocked, and whether the doors are open/closed.

■ To prevent battery discharge

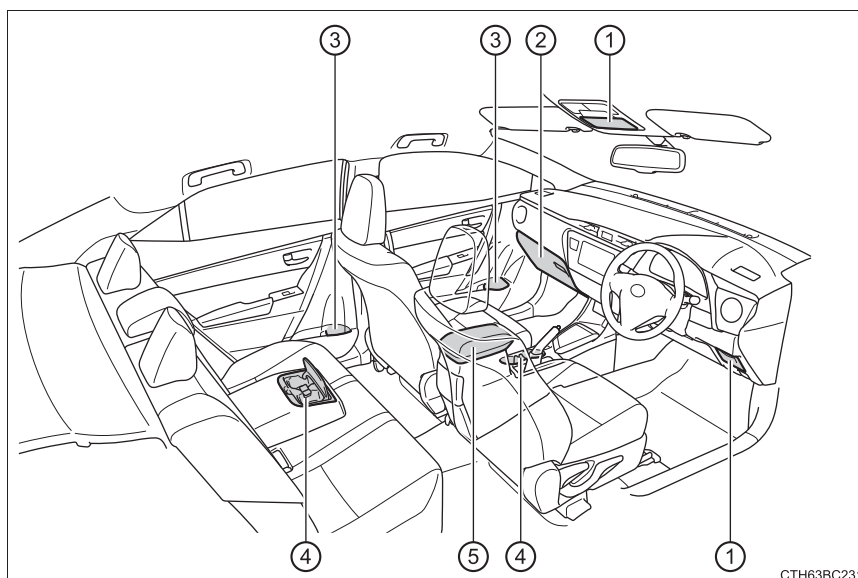
The following lights will go off automatically after 20 minutes:

- Front personal lights
- Rear personal lights
- Interior light
- Trunk light
- Vanity lights

■ Customization

Setting (e.g. the time elapsed before lights turn off) can be changed.
(Customizable features: →P. 328)

List of storage features



- | | |
|--|----------------------------|
| ① Auxiliary boxes (if equipped)
(→P. 199) | ④ Cup holders
(→P. 197) |
| ② Glove box
(→P. 195) | ⑤ Console box
(→P. 195) |
| ③ Bottle holders
(→P. 196) | |

WARNING

■ Items that should not be left in the storage spaces

Do not leave glasses, lighters or spray cans in the storage spaces, as this may cause the following when cabin temperature becomes high:

- Glasses may be deformed by heat or cracked if they come into contact with other stored items.
- Lighters or spray cans may explode. If they come into contact with other stored items, the lighter may catch fire or the spray can may release gas, causing a fire hazard.

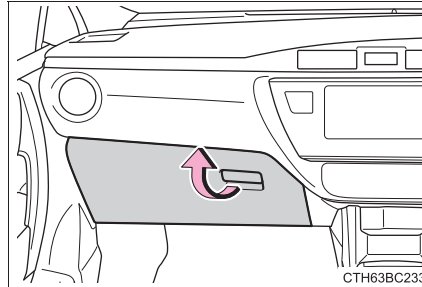
■ When driving or when the storage compartments are not in use

Keep the lids closed.

In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by an open lid or the items stored inside.

Glove box

Pull up the lever to open the glove box.

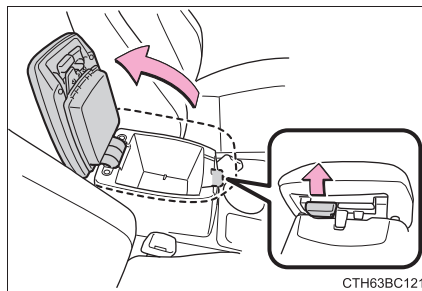


CTH63BC233

The glove box light turns on when the tail lights are on.

Console box

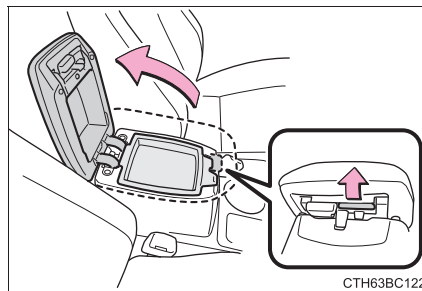
► Console box



CTH63BC121

Lift the lid while pulling up the knob on the right side.

► Upper level box

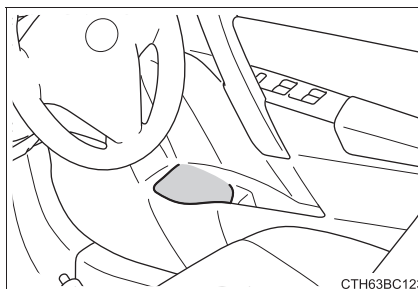


CTH63BC122

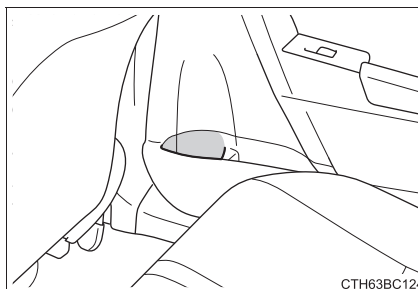
Lift the lid while pulling up the knob on the left side.

Bottle holders

■ Front



■ Rear



■ When using the holder as a bottle holder

- 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 holder

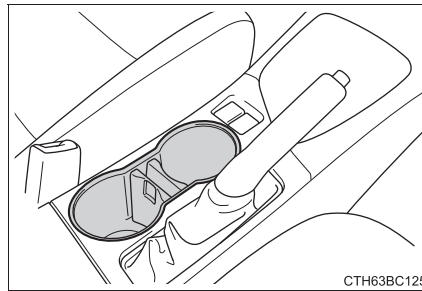
Do not place anything other than plastic bottles in the bottle holders. In the event of an accident or sudden braking, if an item other than a plastic bottle is placed in a bottle holder, the following may occur:

- It may fly out of the bottle holder, possibly causing injuries.
- If it is made of glass or other fragile materials, it may break.

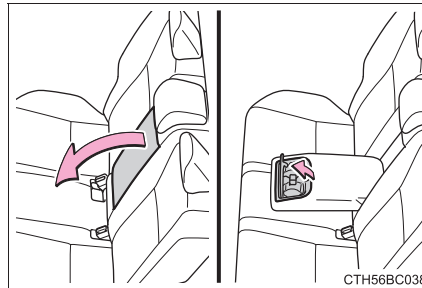
Make sure to cover hot drinks in order to help prevent possible burns.

**NOTICE****■ Items that should not be stowed in the bottle holders**

Put the cap on a bottle before stowing it to prevent spills. Do not place open bottles or paper cups containing liquid in the bottle holders.

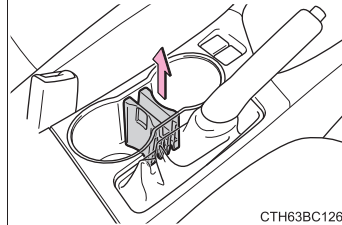
Cup holders**■ Front****■ Rear**

Pull the armrest down and open the lid.

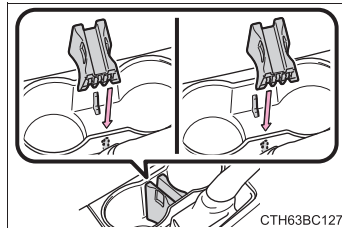


■ Adjusting the size of the cup holder (front)

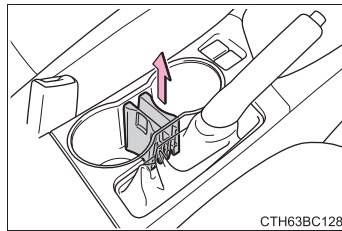
- 1 Remove the cup holder insert.



- 2 Change the cup holder insert position.

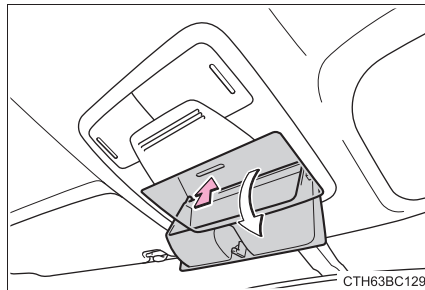
**■ Removing the cup holder insert (front)**

The cup holder insert may be removed for cleaning.

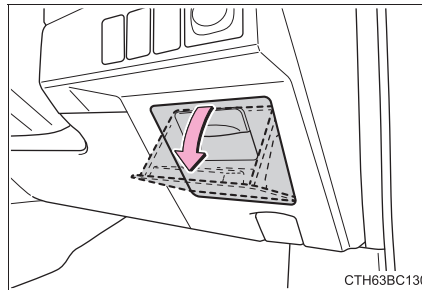


⚠ WARNING**■ Items unsuitable for the cup holders**

Do not place anything other than cups or aluminum cans in the cup holders. In the event of an accident or sudden braking, other items may fly out of the holders, possibly causing injuries. Make sure to cover hot drinks in order to help prevent possible burns.

Auxiliary boxes**► Type A (if equipped)**

Push the lid to open.

► Type B

Pull the tab to open.

⚠ WARNING**■ Caution while driving**

Keep the auxiliary boxes closed. In the event of sudden braking, an accident may occur due to an occupant being struck by an open auxiliary box or the items stored inside.

■ Items unsuitable for storing (type A)

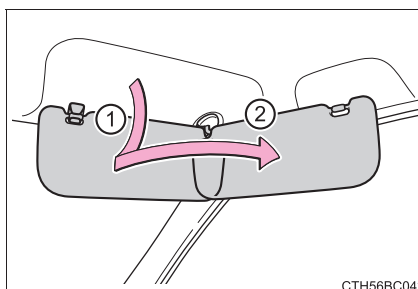
Do not store items heavier than 0.2 kg (0.4 lb.).

Doing so may cause the auxiliary box to open and the items inside may fall out, resulting in an accident.

Other interior features

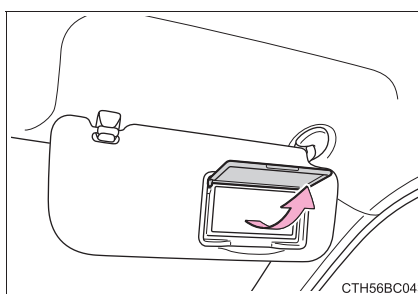
Sun visors

- 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 (if equipped)

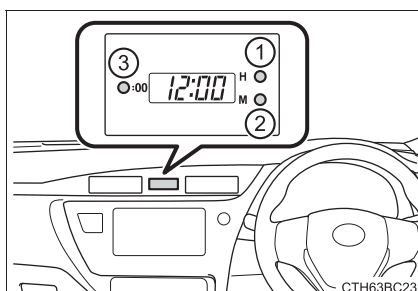
Open the cover.



Clock

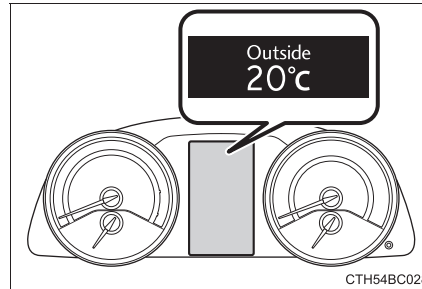
The clock can be adjusted.

- ① Adjusts the hours
- ② Adjusts the minutes
- ③ Rounds to the nearest hour*
*: e.g. 1:00 to 1:29 → 1:00
1:30 to 1:59 → 2:00



Outside temperature display

The temperature display shows temperatures within the range of -40°C (-40°F) to 50°C (122°F).



■ The outside temperature is displayed when

- ▶ Vehicles without a smart entry & start system

The engine switch is in the “ON” position.

- ▶ Vehicles with a smart entry & start system

The engine switch is in IGNITION ON mode.

■ Display

In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change.

- When the vehicle is stopped, or moving at low speeds (less than 15 km/h [9 mph]).
- When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)

■ When the outside temperature drops below 3°C (37°F)

If the outside temperature is 3°C (37°F) or less, the ice warning indicator



flashes 10 times, and then illuminates.

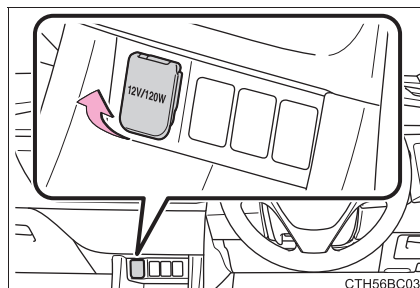
■ When “--°C” is displayed

The system may be malfunctioning. Take your vehicle to your Toyota dealer.

Power outlet

Please use as a power supply for electronic goods that use less than 12 VDC/10 A (power consumption of 120 W).

Open the cover.

**■ The power outlet can be used when**

- ▶ Vehicles without a smart entry & start system

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

- ▶ Vehicles with a smart entry & start system

The engine switch is in ACCESSORY or IGNITION ON mode.

■ When turning the engine switch off

Disconnect electrical devices with charging functions, such as mobile battery packs.

If such devices are left connected, the engine switch may not be turned off normally.

**NOTICE****■ To avoid damaging the power outlet**

Close the power outlet cover when the power outlet is not in use.

Foreign objects or liquids that enter the power outlet may cause a short circuit.

■ To prevent battery discharge

Do not use the power outlet longer than necessary when the engine is not running.

Audio remote control switches

Some audio features can be controlled using the switches on the steering wheel.

Depending on the type of audio system installed, some switch operation may not be available.

① Volume switch:

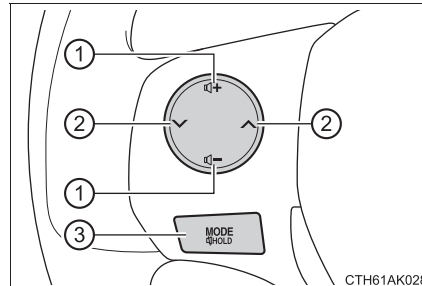
- Press: Increases/decreases volume
- Press and hold: Continuously increases/decreases volume

② “√” “^” switch:

Operates such audio functions as radio and compact disc player

③ “MODE” switch:

- Press: Turns the power on, selects an audio source
- Press and hold: Mutes or pauses the current operation. To cancel the mute or pause, press and hold again.



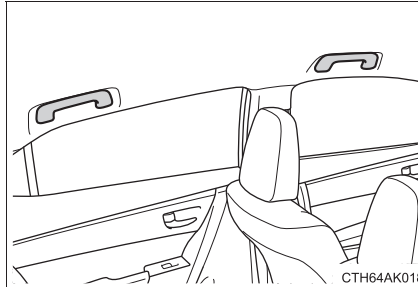
WARNING

■ **To reduce the risk of an accident**

Exercise care when operating the audio switches on the steering wheel.

Assist grips

An assist grip installed on the ceiling can be used to support your body while sitting on the seat.



⚠ WARNING

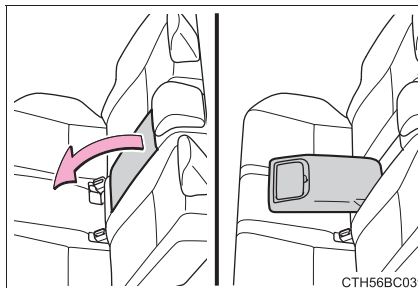
Do not use the assist grip when getting in or out of the vehicle or rising from your seat.

⚠ NOTICE

To prevent damage to the assist grip, do not put a heavy load on the assist grip.

Armrest

Fold down the armrest for use.



⚠ NOTICE

■ To prevent damage to the armrest

Do not apply too much load on the armrest.

Maintenance and care**6****6-1. Maintenance and care**

Cleaning and protecting
the vehicle exterior 206

Cleaning and protecting
the vehicle interior 211

6-2. Maintenance

Maintenance
requirements.....214

Scheduled maintenance 217

**6-3. Do-it-yourself
maintenance**

Do-it-yourself service
precautions 224

Hood 227

Positioning a floor jack.....229

Engine compartment.....230

Tires.....242

Tire inflation pressure 245

Wheels.....247

Air conditioning filter 249

Wireless remote control/
electronic key battery.....251

Checking and replacing
fuses 256

Light bulbs 259

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 before washing the vehicle. Start washing from the front of the vehicle. Make sure to extend the mirrors before driving.
- Brushes used in automatic car washes may scratch the vehicle surface, parts (wheel, etc.) and harm your vehicle's paint.

■ High pressure car washes

As water may enter the cabin, do not bring the nozzle tip near the gaps around the doors or perimeter of the windows, or spray these areas continuously.

■ When using a car wash (vehicles with a smart entry & start system)

If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. In that case, follow the following correction procedures to wash the vehicle:

- Place the key in a position 2 m (6 ft.) or more separate from the vehicle while the vehicle is being washed. (Take care to ensure that the key is not stolen.)
- Set the electronic key to battery-saving mode to disable the smart entry & start system. (→P. 99)

■ Wheels and wheel ornaments

- Remove any dirt immediately by using a neutral detergent.
- Wash detergent off with water immediately after use.
- To protect the paint from damage, make sure to observe the following precautions.
 - Do not use acidic, alkaline or abrasive detergent
 - Do not use hard brushes
 - Do not use detergent on the wheels when they are hot, such as after driving or parking in hot weather

■ Brake pads and calipers

Rust may form if the vehicle is parked with wet brake pads or disc rotors, causing them to stick. Before parking the vehicle after it is washed, drive slowly and apply the brakes several times to dry the parts.

■ Bumpers

Do not scrub with abrasive cleaners.

■ Plated portions

If dirt cannot be removed, clean the parts as follows:

- Use a soft cloth dampened with an approximately 5% solution of neutral detergent and water to clean the dirt off.
- Wipe the surface with a dry, soft cloth to remove any remaining moisture.
- To remove oily deposits, use alcohol wet wipes or a similar product.

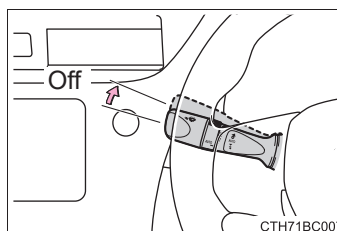
⚠ WARNING**■ When washing the vehicle**

Do not apply water to the inside of the engine compartment. Doing so may cause the electrical components etc. to catch fire.

■ When cleaning the windshield (vehicles with rain-sensing windshield wipers)

Set the wiper switch to off.

If the wiper switch is in "AUTO", the wipers may operate unexpectedly in the following situations, and may result in hands being caught or other serious injuries and cause damage to the wiper blades.



- When the upper part of the windshield where the raindrop sensor is located is touched by hand
- When a wet rag or similar is held close to the raindrop sensor
- If something bumps against the windshield
- If you directly touch the raindrop sensor body or if something bumps into the raindrop sensor

■ Precautions regarding the exhaust pipe

Exhaust gasses cause the exhaust pipe to become quite hot.

When washing the vehicle, be careful not to touch the pipe until it has cooled sufficiently, as touching a hot exhaust pipe can cause burns.



NOTICE

■ **To prevent paint deterioration and corrosion on the body and components (aluminum wheels etc.)**

- Wash the vehicle immediately in the following cases:
 - After driving near the sea coast
 - After driving on salted roads
 - If coal tar or tree sap is present on the paint surface
 - If dead insects, insect droppings or bird droppings are present on the paint surface
 - After driving in an area contaminated with soot, oily smoke, mine dust, iron powder or chemical substances
 - If the vehicle becomes heavily soiled with dust or mud
 - If liquids such as benzene and gasoline are spilled on the paint surface
- If the paint is chipped or scratched, have it repaired immediately.
- To prevent the wheels from corroding, remove any dirt and store in a place with low humidity when storing the wheels.

■ **Cleaning the exterior lights**

- Wash carefully. Do not use organic substances or scrub with a hard brush. This may damage the surfaces of the lights.
- Do not apply wax to the surfaces of the lights. Wax may cause damage to the lenses.

■ **To prevent damage to the windshield wiper arms**

When lifting the wiper arms away from the windshield, pull the driver side wiper arm upward first, and repeat for the passenger side. When returning the wipers to their original position, do so from the passenger side first.

■ **When using an automatic car wash (vehicles with rain-sensing windshield wipers)**

Set the wiper switch to the off position.
If the wiper switch is in "AUTO", the wipers may operate and the wiper blades may be damaged.



NOTICE

■ When using a high pressure car wash

Do not bring the nozzle tip close to boots (rubber or resin manufactured cover), connectors or the following parts. The parts may be damaged if they come into contact with high-pressure water.

- Traction related parts
- Steering parts
- Suspension parts
- Brake parts

● Keep the cleaning nozzle at least 30 cm (11.9 in.) away from the vehicle body. Otherwise resin section, such as moldings and bumpers, may be deformed and damaged. Also, do not continuously hold the nozzle in the same place.

● Do not spray the lower part of the windshield continuously. If water enters the air conditioning system intake located near the lower part of the windshield, the air conditioning system may not operate correctly.

● Do not wash the underside of the vehicle using a high pressure car washer.

Cleaning and protecting the vehicle interior

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.

■ Caring for leather areas

Toyota recommends cleaning the interior of the vehicle at least twice a year to maintain the quality of the vehicle's interior.

■ Shampooing the carpets

There are several commercial foaming-type cleaners available. Use a sponge or brush to apply the foam. Rub in overlapping circles. Do not use water. Wipe dirty surfaces and let them dry. Excellent results are obtained by keeping the carpet as dry as possible.

■ Seat belts

Clean with mild soap and lukewarm water using a cloth or sponge. Also check the belts periodically for excessive wear, fraying or cuts.

**WARNING****■ Water in the vehicle**

- Do not splash or spill liquid in the vehicle.
Doing so may cause electrical components etc. to malfunction or catch fire.
- Do not get any of the SRS components or wiring in the vehicle interior wet.
(→P. 34)
An electrical malfunction may cause the airbag to deploy or not function properly, resulting in death or serious injury.

■ Cleaning the interior (especially instrument panel)

Do not use polish wax or polish cleaner. The instrument panel may reflect off the windshield, obstructing the driver's view and leading to an accident, resulting in death or serious injury.

**NOTICE**

■ Cleaning detergents

- Do not use the following types of detergent, as they may discolor the vehicle interior or cause streaks or damage to painted surfaces:
 - Non-seat portions: Organic substances such as benzene or gasoline, alkaline or acidic solutions, dye, and bleach
 - Seats: Alkaline or acidic solutions, such as thinner, benzene, and alcohol
- Do not use polish wax or polish cleaner. The instrument panel's or other interior part's painted surface may be damaged.

■ Preventing damage to leather surfaces

Observe the following precautions to avoid damage to and deterioration of leather surfaces:

- Remove any dust or dirt from leather surfaces immediately.
- Do not expose the vehicle to direct sunlight for extended periods of time. Park the vehicle in the shade, especially during summer.
- Do not place items made of vinyl, plastic, or containing wax on the upholstery, as they may stick to the leather surface if the vehicle interior heats up significantly.

■ Water on the floor

Do not wash the vehicle floor with water.

Vehicle systems such as the audio system may be damaged if water comes into contact with electrical components such as the audio system above or under the floor of the vehicle. Water may also cause the body to rust.

■ Cleaning the inside of the rear window

- Do not use glass cleaner to clean the rear window, as this may cause damage to the rear window defogger heater wires or antenna. Use a cloth dampened with lukewarm water to gently wipe the window clean. Wipe the window in strokes running parallel to the heater wires or antenna.
- Be careful not to scratch or damage the heater wires or antenna.

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.

The interval for scheduled maintenance is determined by the odometer reading or the time interval, whichever comes first, shown in the schedule.

Maintenance beyond the last period should be performed at the same intervals.

- Where to go for maintenance service?

It makes good sense to take your vehicle to your local Toyota dealer for maintenance service as well as other inspections and repairs.

Toyota technicians are well-trained specialists receiving the latest service information through technical bulletins, service tips and in-dealership training programs. They learn to work on Toyota before they work on your vehicle, rather than while they are working on it. Doesn't that seem like the best way?

Your Toyota dealer has invested a lot of money in special Toyota tools and service equipment. It helps them to do the job better and at less cost.

Your Toyota dealer's service department will perform all of the scheduled maintenance on your vehicle reliably and economically.

Rubber hoses (for cooling and heater system, brake system and fuel system) should be inspected by a qualified technician according to the Toyota maintenance schedule.

Rubber hoses are particularly important maintenance items. Have any deteriorated or damaged hoses replaced immediately. Note that rubber hoses will deteriorate with age, resulting in swelling, chafing or cracking.

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. Simple instructions for how to perform them are presented in this section.

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 your Toyota dealer who will keep a record of maintenance on your vehicle. This record could be helpful should you ever require Warranty Service.

■ Does your vehicle need repairs?

Be on the alert for changes in performance and sounds, and visual tip-offs that indicate service is needed. Some important clues are:

- Engine missing, stumbling or pinging
- Appreciable loss of power
- Strange engine noises
- A fluid leak under the vehicle (However, water dripping from the air conditioning system after use is normal.)
- Change in exhaust sound (This may indicate a dangerous carbon monoxide leak. Drive with the windows open and have the exhaust system checked immediately.)
- Flat-looking tires, excessive tire squeal when cornering, uneven tire wear
- Vehicle pulls to one side when driven straight on a level road
- Strange noises related to suspension movement
- Loss of brake effectiveness, spongy feeling brake pedal or clutch pedal (vehicles with a manual transmission), 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 your Toyota dealer as soon as possible. Your vehicle may need adjustment or repair.

**WARNING****■ If your vehicle is not properly maintained**

Improper maintenance could result in serious damage to the vehicle and possible serious injury or death.

■ Handling of the battery

Battery posts, terminals and related accessories contain lead and lead compounds which are known to cause brain damage. Wash your hands after handling. (→P. 237)

Scheduled maintenance

Perform maintenance by the schedule as follows:

Maintenance schedule requirements

Your vehicle needs to be serviced according to the normal maintenance schedule. (See "Maintenance schedule".)



If you mainly operate your vehicle under one or more of the special operating conditions below, some of the maintenance schedule items need to be serviced more frequently in order to keep your vehicle in good condition. (See "Additional maintenance schedule".)

A. Road Conditions	B. Driving Conditions
1. Operating on rough or muddy roads, or roads with melted snow or waterlogged roads. 2. Operating on dusty roads. (Roads in areas where their pavement rate is low, or a cloud of dust often arises and the air is dry.)	1. Heavily loaded vehicle. (For Example, using a car top carrier and so forth.) 2. Repeated short trips of less than 8 km (5 miles) and outside temperatures remain below freezing. (Engine temperature will not reach to normal temperature.) 3. Extensive idling and/or low speed driving for a long distance such as police, professional/private use like taxi or door-to-door delivery use. 4. Continuous high speed driving (80% or more of maximum vehicle speed) for over 2 hours.

Maintenance schedule

Maintenance operations: I = Inspect, correct, clean or replace as necessary

R = Replace, change or lubricate

SERVICE INTERVAL:		ODOMETER READING										MONTHS
(Odometer reading or months, whichever comes first.)	x1000 km	1	10	20	30	40	50	60	70	80		
	x1000 miles	0.6	6	12	18	24	30	36	42	48		
BASIC ENGINE COMPONENTS												
1	Drive belt			I		I		I		I	24	
2	Engine oil		R	R	R	R	R	R	R	R	12	
3	Engine oil filter		R	R	R	R	R	R	R	R	12	
4	Cooling and heater system <<See note 1.>>					I				I	24	
5	Engine coolant <<See note 2.>>					I				I	-	
6	Exhaust pipes and mountings			I		I		I		I	12	
IGNITION SYSTEM												
7	Spark plugs	Replace every 100000 km (60000 miles)										
8	Battery		I	I	I	I	I	I	I	I	12	

Maintenance operations: I = Inspect, correct, clean or replace as necessary
R = Replace, change or lubricate

SERVICE INTERVAL:		ODOMETER READING										MONTHS
(Odometer reading or months, whichever comes first.)	x1000 km	1	10	20	30	40	50	60	70	80		
	x1000 miles	0.6	6	12	18	24	30	36	42	48		
FUEL AND EMISSION CONTROL SYSTEMS												
9	Fuel filter (Including the filter in fuel tank)									R	96	
10	Air cleaner filter			I		R		I		R	I:24 R:48	
11	Fuel tank cap, fuel lines, connections and fuel vapor control valve <<See note 1.>>					I				I	24	
12	Charcoal canister					I				I	24	
CHASSIS AND BODY												
13	Brake pedal and parking brake		I	I	I	I	I	I	I	I	6	
14	Brake pads and discs		I	I	I	I	I	I	I	I	6	
15	Brake fluid		I	I	I	R	I	I	I	R	I:6 R:24	
16	Clutch fluid		I	I	I	I	I	I	I	I	6	
17	Brake pipes and hoses			I		I		I		I	12	
18	Steering wheel, linkage and steering gear box			I		I		I		I	12	
19	Drive shaft boots			I		I		I		I	24	
20	Suspension ball joint and dust cover			I		I		I		I	12	
21	Manual transmission oil (including front differential)					I				I	48	
22	Continuously variable transmission fluid (including front differential)					I				I	24	

Maintenance operations: I = Inspect, correct, clean or replace as necessary
R = Replace, change or lubricate

SERVICE INTERVAL:		ODOMETER READING										MONTHS
(Odometer reading or months, whichever comes first.)	x1000 km	1	10	20	30	40	50	60	70	80		
	x1000 miles	0.6	6	12	18	24	30	36	42	48		
CHASSIS AND BODY												
23	Front and rear suspension			I		I		I		I	12	
24	Tires and inflation pressure		I	I	I	I	I	I	I	I	6	
25	Lights, horns, wipers and washers		I	I	I	I	I	I	I	I	6	
26	Air conditioning filter				R			R			-	
27	Refrigerant amount for air conditioner			I		I		I		I	12	

NOTE:

1. After 80000 km (48000 miles) or 48 months inspection, inspect every 20000 km (12000 miles) or 12 months.
2. First replace at 160000 km (96000 miles), then replace every 80000 km (48000 miles).

Additional maintenance schedule

Refer to the following table for normal maintenance schedule items requiring more frequent service specific to the type of severe conditions. (For outline, see "Maintenance schedule requirements".)

A-1: Operating on rough or muddy roads, or roads with melted snow or waterlogged roads.	
☐ Inspection* of brake pads and discs	Every 5000 km (3000 miles) or 3 months
☐ Inspection* of brake pipes and hoses	Every 10000 km (6000 miles) or 6 months
☐ Inspection* of suspension ball joints and dust covers	Every 10000 km (6000 miles) or 6 months
☐ Inspection* of drive shaft boots	Every 10000 km (6000 miles) or 12 months
☐ Inspection* of steering wheel, linkage and steering gear box	Every 5000 km (3000 miles) or 3 months
☐ Inspection* of front and rear suspension	Every 10000 km (6000 miles) or 6 months
☐ Tightening of bolts and nuts on chassis and body <<See note.>>	Every 10000 km (6000 miles) or 6 months
A-2: Operating on dusty roads. (Roads in areas where their pavement rate is low, or a cloud of dust often arises and the air is dry.)	
☐ Replacement of engine oil	Every 5000 km (3000 miles) or 6 months
☐ Replacement of engine oil filter	Every 5000 km (3000 miles) or 6 months
☐ Inspection* or replacement of air cleaner filter	I: Every 2500 km (1500 miles) or 3 months R: Every 40000 km (24000 miles) or 48 months
☐ Inspection* of brake pads and discs	Every 5000 km (3000 miles) or 3 months
☐ Replacement of air conditioning filter	Every 30000 km (18000 miles)

*: Perform correction or replacement as necessary.

B-1: Heavily loaded vehicle. (For Example, using a car top carrier and so forth.)	
☐ Replacement of engine oil	Every 5000 km (3000 miles) or 6 months
☐ Replacement of engine oil filter	Every 5000 km (3000 miles) or 6 months
☐ Inspection* of brake pads and discs	Every 5000 km (3000 miles) or 3 months
☐ Replacement of manual transmission oil (including front differential)	Every 40000 km (24000 miles) or 48 months
☐ Inspection* or replacement of continuously variable transmission fluid (including front differential)	I: Every 40000 km (24000 miles) or 24 months R: Every 80000 km (48000 miles) or 48 months
☐ Inspection* of front and rear suspension	Every 10000 km (6000 miles) or 6 months
☐ Tightening of bolts and nuts on chassis and body <<See note.>>	Every 10000 km (6000 miles) or 6 months
B-2: Repeated short trips of less than 8 km (5 miles) and outside temperatures remain below freezing. (Engine temperature will not reach to normal temperature.)	
☐ Replacement of engine oil	Every 5000 km (3000 miles) or 6 months
☐ Replacement of engine oil filter	Every 5000 km (3000 miles) or 6 months

*: Perform correction or replacement as necessary.

B-3: Extensive idling and/or low speed driving for a long distance such as police, professional/private use like taxi or door-to-door delivery use.	
☐ Replacement of engine oil	Every 5000 km (3000 miles) or 6 months
☐ Replacement of engine oil filter	Every 5000 km (3000 miles) or 6 months
☐ Inspection* of brake pads and discs	Every 5000 km (3000 miles) or 3 months
☐ Inspection* or replacement of continuously variable transmission fluid (including front differential)	I: Every 40000 km (24000 miles) or 24 months R: Every 80000 km (48000 miles) or 48 months
B-4: Continuous high speed driving (80% or more of maximum vehicle speed) for over 2 hours.	
☐ Replacement of manual transmission oil (including front differential)	Every 40000 km (24000 miles) or 48 months
☐ Inspection* or replacement of continuously variable transmission fluid (including front differential)	I: Every 40000 km (24000 miles) or 24 months R: Every 80000 km (48000 miles) or 48 months

*: Perform correction or replacement as necessary.

NOTE:

For seat mounting bolts, front and rear suspension member retaining bolts.

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
Battery condition (→P. 237)	• Warm water • Baking soda • Grease • Conventional wrench (for terminal clamp bolts) • Distilled water
Engine coolant level (→P. 235)	• “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. 231)	• “Toyota Genuine Motor Oil” or equivalent • Rag or paper towel • Funnel (used only for adding engine oil)
Fuses (→P. 256)	• Fuse with same amperage rating as original
Light bulbs (→P. 259)	• Bulb with same number and wattage rating as original • Phillips-head screwdriver • Flathead screwdriver • Wrench

Items	Parts and tools
Radiator and condenser (→P. 237)	—
Tire inflation pressure (→P. 245)	• Tire pressure gauge • Compressed air source
Washer fluid (→P. 241)	• 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

- Keep hands, clothing and tools away from the moving fan and engine drive belt.
- Be careful not to touch the engine, radiator, exhaust manifold, etc. right after driving as they may be hot. Oil and other fluids may also be hot.
- Do not leave anything that may burn easily, such as paper and rags, in the engine compartment.
- Do not smoke, cause sparks or expose an open flame to fuel or the battery. Fuel and battery fumes are flammable.
- Be extremely cautious when working on the battery. It contains poisonous and corrosive sulfuric acid.
- Take care because brake fluid can harm your hands or eyes and damage painted surfaces. If fluid gets on your hands or in your eyes, flush the affected area with clean water immediately.
If you still experience discomfort, consult a doctor.

■ When working near the electric cooling fan or radiator grille

Vehicles without a smart entry & start system: Be sure the engine switch is off. With the engine 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. 237)

Vehicles with a smart entry & start system: Be sure the engine switch is off. With the engine switch in IGNITION 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. 237)

■ 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

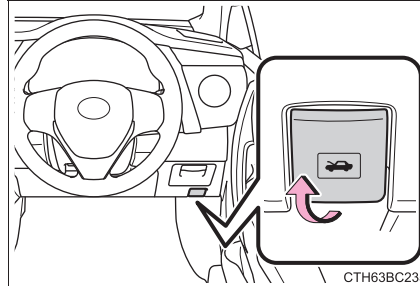
It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high.

If the reservoir needs frequent refilling, it may indicate a serious problem.

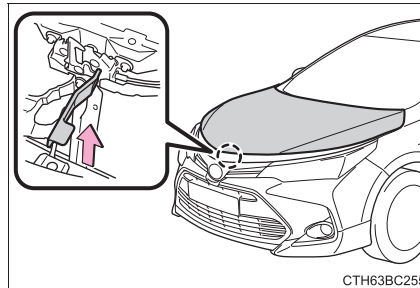
Hood

Release the lock from the inside of the vehicle to open the hood.

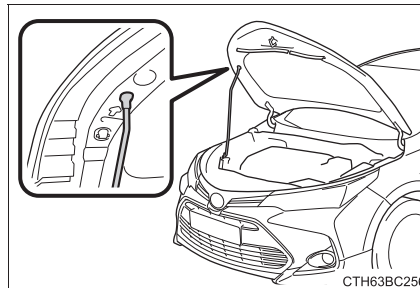
- 1** Pull the hood lock release lever.
The hood will pop up slightly.



- 2** Pull up the auxiliary catch lever and lift the hood.



- 3** Hold the hood open by inserting the support rod into the slot.



**WARNING****■ Pre-driving check**

Check that the hood is fully closed and locked.

If the hood is not locked properly, it may open while the vehicle is in motion and cause an accident, which may result in death or serious injury.

■ After installing the support rod into the slot

Make sure the rod supports the hood securely preventing it from falling down onto your head or body.

**NOTICE****■ When closing the hood**

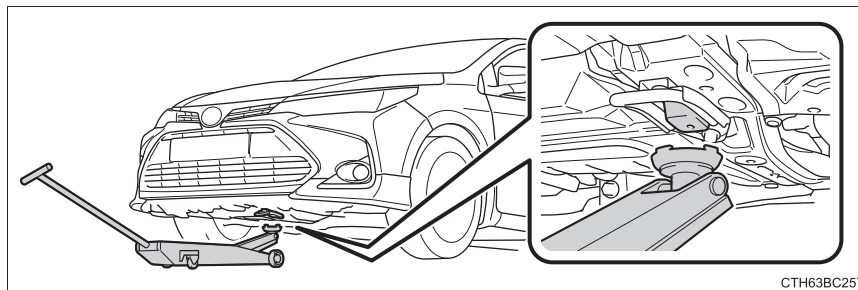
Be sure to return the support rod to its clip before closing the hood. Closing the hood with the support rod not clipped could cause the hood to bend.

Positioning a floor jack

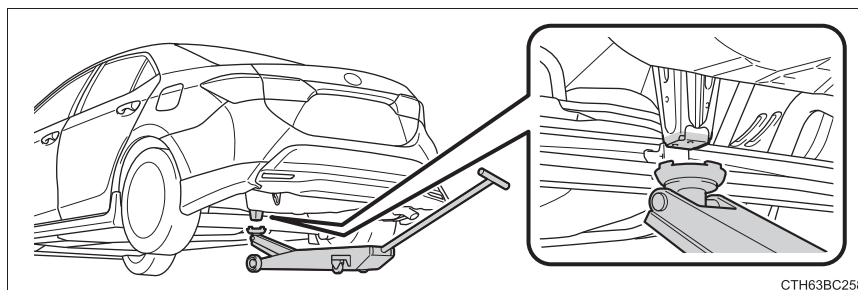
When using a floor jack, follow the instructions in the manual provided with the jack and perform the operation safely.

When raising your vehicle with a floor jack, position the jack correctly. Improper placement may damage your vehicle or cause injury.

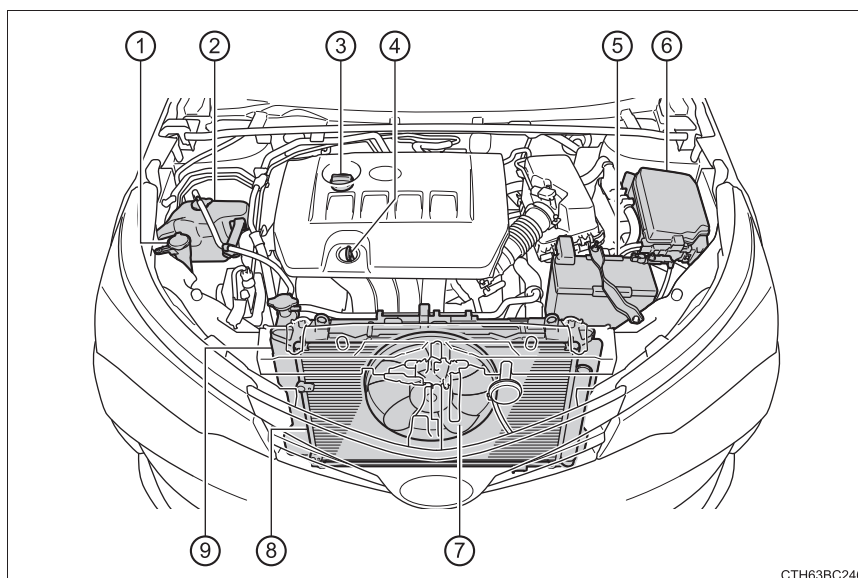
◆ Front



◆ Rear



Engine compartment



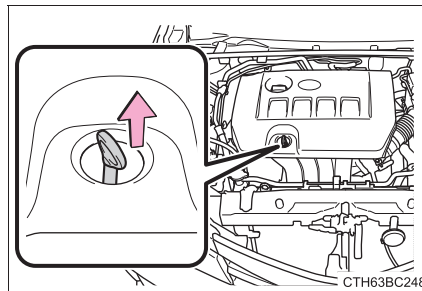
CTH63BC246

- | | |
|--|--------------------------|
| ① Washer fluid tank
(→P. 241) | ⑤ Battery
(→P. 237) |
| ② Engine coolant reservoir
(→P. 235) | ⑥ Fuse box
(→P. 256) |
| ③ Engine oil filler cap
(→P. 233) | ⑦ Electric cooling fan |
| ④ Engine oil level dipstick
(→P. 231) | ⑧ Condenser
(→P. 237) |
| | ⑨ Radiator
(→P. 237) |

Checking the engine oil

With the engine at operating temperature and turned off, check the oil level on the dipstick.

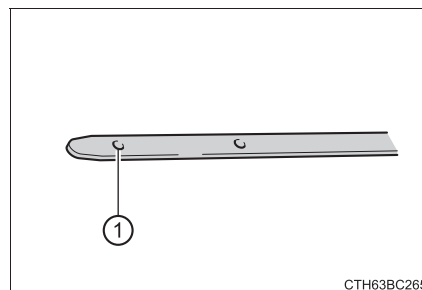
- 1 Park the vehicle on level ground. After warming up the engine and turning it off, wait about 5 minutes for the oil to drain back into the bottom of the engine.
- 2 Holding a rag under the end, pull the dipstick out.



- 3 Wipe the dipstick clean.
- 4 Reinsert the dipstick fully.
- 5 Holding a rag under the end, pull the dipstick out and check whether the oil level is above low level mark.

① Low level mark

The shape of the dipstick may differ depending on the type of vehicle or engine.



- 6 Wipe the dipstick and reinsert it fully.

**NOTICE****■ To prevent serious engine damage**

Check the oil level on a regular basis.

■ Engine oil consumption

A certain amount of engine oil will be consumed while driving. In the following situations, oil consumption may increase, and engine oil may need to be refilled in between oil maintenance intervals.

- When the engine is new, for example directly after purchasing the vehicle or after replacing the engine
- If low quality oil or oil of an inappropriate viscosity is used
- When driving at high engine speeds or with a heavy load, or when driving while accelerating or decelerating frequently
- When leaving the engine idling for a long time, or when driving frequently through heavy traffic

■ Engine oil level rise

If the vehicle is repeatedly driven without the engine warmed up, moisture caused by dew condensation inside the engine or fuel which did not burn mixes into the engine oil, resulting in a rise in engine oil level. However, this is not a malfunction. For example, the engine become difficult to be warmed up in the following situations.

- When driving a short distance
- When driving at a low speed
- When the outside temperature is low

When checking the engine oil, make sure that the engine is warmed up. If the engine oil level exceeds the refill upper limit mark, contact your Toyota dealer.

Adding engine oil

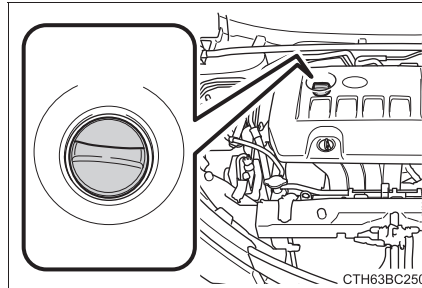
■ Checking the oil type and preparing the item needed

Make sure to check the oil type and prepare the items needed before adding oil.

- Engine oil selection
→P. 321
- Oil quantity (Low level mark → Refill upper limit mark)
1.5 L (1.6 qt., 1.3 Imp. qt.)
- Item
Clean funnel

■ Adding engine oil

If the oil level is below or near the low level mark, add engine oil of the same type as that already in the engine.

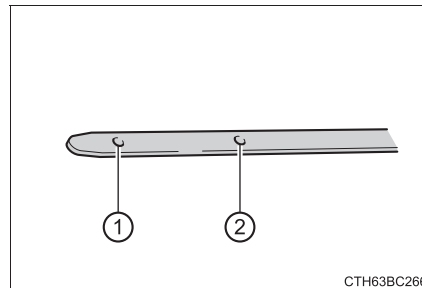


- 1 Remove the oil filler cap by turning it counterclockwise.
- 2 Add engine oil slowly, checking the dipstick.

Make sure that the oil level does not exceed the refill upper limit mark and is between the low level mark and refill upper limit mark.

- ① Low level mark
- ② Refill upper limit mark

The shape of the dipstick may differ depending on the type of vehicle or engine.



- 3 Install the oil filler cap by turning it clockwise.

**WARNING****■ Used engine oil**

- Used engine oil contains potentially harmful contaminants which may cause skin disorders such as inflammation and skin cancer, so care should be taken to avoid prolonged and repeated contact. To remove used engine oil from your skin, wash thoroughly with soap and water.
- Dispose of used oil and filters only in a safe and acceptable manner. Do not dispose of used oil and filters in household trash, in sewers or onto the ground.
Call your Toyota dealer, service station or auto parts store for information concerning recycling or disposal.
- Do not leave used engine oil within the reach of children.

**NOTICE****■ When replacing the engine oil**

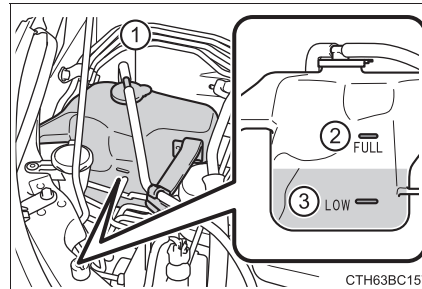
- Be careful not to spill engine oil on the vehicle components.
- Avoid overfilling, or the engine could be damaged.
- Check the oil level on the dipstick every time you refill the vehicle.
- Be sure the engine oil filler cap is properly tightened.

Engine coolant

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.



■ 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 engine coolant, contact your Toyota dealer.

■ If the coolant level drops within a short time of replenishing

Visually check the radiator, hoses, engine coolant reservoir caps, drain cock and water pump.

If you cannot find a leak, have your Toyota dealer test the cap and check for leaks in the cooling system.

**WARNING****■ When the engine is hot**

Do not remove the radiator cap or engine coolant reservoir cap. The cooling system may be under pressure and may spray hot coolant if the cap is removed, causing serious injuries, such as burns.

**NOTICE****■ When adding coolant**

Coolant is neither plain water nor straight antifreeze. The correct mixture of water and antifreeze must be used to provide proper lubrication, corrosion protection and cooling. Be sure to read the antifreeze or coolant label.

■ If you spill coolant

Be sure to wash it off with water to prevent it from damaging parts or paint.

Radiator and condenser

Check the radiator and condenser and clear away any foreign objects.
If either of the above parts are extremely dirty or you are not sure of their condition, have your vehicle inspected by your Toyota dealer.

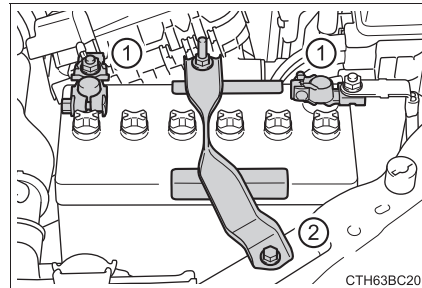
⚠ WARNING**■ When the engine is hot**

Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

Battery**■ Battery exterior**

Make sure that the battery terminals are not corroded and that there are no loose connections, cracks, or loose clamps.

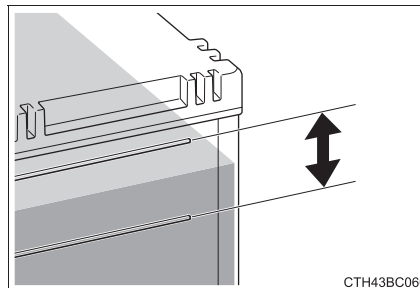
- ① Terminals
- ② Hold-down clamp



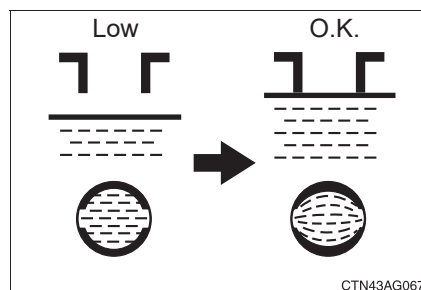
■ Checking battery fluid

Check that the level is between upper line and lower line.

If the fluid level is at or below lower line, add distilled water.



■ Adding distilled water



1 Remove the vent plug.

2 Add distilled water.

If the upper line cannot be seen, check the fluid level by looking directly at the cell.

3 Put the vent plug back on and close securely.

■ Before recharging

When recharging, the battery produces hydrogen gas which is flammable and explosive. Therefore, observe the following before recharging:

- If recharging with the 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 battery.

■ After recharging/reconnecting the battery (vehicles with a smart entry & start system)

- Unlocking the doors using the smart entry & start system may not be possible immediately after reconnecting the battery. If this happens, use the wireless remote control or the mechanical key to lock/unlock the doors.
- Start the engine with the engine switch in ACCESSORY mode. The engine may not start with the engine switch turned off. However, the engine will operate normally from the second attempt.
- The engine switch mode is recorded by the vehicle. If the battery is reconnected, the vehicle will return the engine switch mode to the status it was in before the battery was disconnected. Make sure to turn off the engine before disconnect the battery. Take extra care when connecting the battery if the engine switch mode prior to discharge is unknown.

If the system will not start even after multiple attempts, contact your Toyota dealer.

**WARNING****■ Chemicals in the battery**

Batteries contain poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of death or serious injury, take the following precautions while working on or near the battery:

- Do not cause sparks by touching the battery terminals with tools.
- Do not smoke or light a match near the battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.
- Wear protective safety glasses when working near the battery.
- Keep children away from the battery.

■ Where to safely charge the battery

Always charge the battery in an open area. Do not charge the battery in a garage or closed room where there is insufficient ventilation.

**WARNING****■ Emergency measures regarding electrolyte**

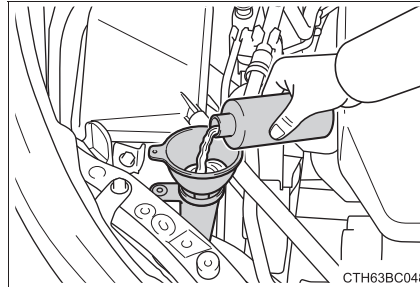
- If electrolyte gets in your eyes
Flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If possible, continue to apply water with a sponge or cloth while traveling to the nearest medical facility.
- If electrolyte gets on your skin
Wash the affected area thoroughly. 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.

**NOTICE****■ When recharging the battery**

Never recharge the battery while the engine is running. Also, be sure all accessories are turned off.

Washer fluid

If any washer does not work, the washer tank may be empty. Add washer fluid.

**⚠ WARNING****■ When adding washer fluid**

Do not add washer fluid when the engine is hot or running as washer fluid contains alcohol and may catch fire if spilled on the engine etc.

⚠ NOTICE**■ Do not use any fluid other than washer fluid**

Do not use soapy water or engine antifreeze instead of washer fluid. Doing so may cause streaking on the vehicle's painted surfaces, as well as damaging the pump leading to problems of the washer fluid not spraying.

■ Diluting washer fluid

Dilute washer fluid with water as necessary. Refer to the freezing temperatures listed on the label of the washer fluid bottle.

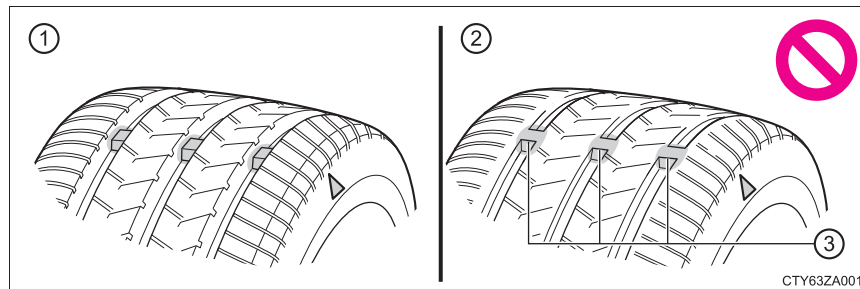
Tires

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

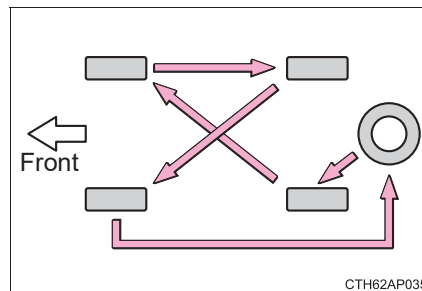
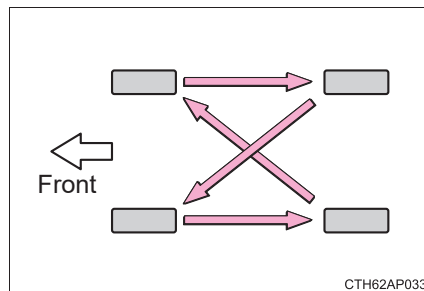
The location of treadwear indicators is shown by a "TWI" or "Δ" mark, etc., molded into the sidewall of each tire.

Replace the tires if the treadwear indicators are showing on a tire.

Tire rotation

Rotate the tires in the order shown.

- ▶ Vehicles without a spare tire of the same wheel type from the installed tires
- ▶ 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 you rotate your tires approximately every 10000 km (6000 miles).

■ When to replace your vehicle's tires

Tires should be replaced if:

- The treadwear indicators are showing on a tire.
- You have tire damage such as cuts, splits, cracks deep enough to expose the fabric, and bulges indicating internal damage
- A tire goes flat repeatedly or cannot be properly repaired due to the size or location of a cut or other damage

If you are not sure, consult with your Toyota dealer.

■ Tire life

Any tire over 6 years old must be checked by a qualified technician even if it has seldom or never been used or damage is not obvious.

■ If the tread on snow tires wears down below 4 mm (0.16 in.)

The effectiveness of the tires as snow tires is lost.

**WARNING****■ When inspecting or replacing tires**

Observe the following precautions to prevent accidents. Failure to do so may cause damage to parts of the drive train as well as dangerous handling characteristics, which may lead to an accident resulting in death or serious injury.

- Do not mix tires of different makes, models or tread patterns.
Also, do not mix tires of remarkably different treadwear.
- Do not use tire sizes other than those recommended by Toyota.
- Do not mix differently constructed tires (radial, bias-belted or bias-ply tires).
- Do not mix summer, all season and snow tires.
- Do not use tires that have been used on another vehicle.
Do not use tires if you do not know how they were used previously.

**NOTICE****■ Driving on rough roads**

Take particular care when driving on roads with loose surfaces or potholes. These conditions may cause losses in tire inflation pressure, reducing the cushioning ability of the tires. In addition, driving on rough roads may cause damage to the tires themselves, as well as the vehicle's wheels and body.

■ If tire inflation pressure of each tire becomes low while driving

Do not continue driving, or your tires and/or wheels may be ruined.

Tire 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. 325)

■ 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 your Toyota dealer.

■ Instructions for checking tire inflation pressure

When checking tire inflation pressure, observe the following:

- Check only when the tires are cold.
If your vehicle has been parked for at least 3 hours or has not been driven for more than 1.5 km or 1 mile, you will get an accurate cold tire inflation pressure reading.
- Always use a tire pressure gauge.
It is difficult to judge if a tire is properly inflated based only on its appearance.
- It is normal for the tire inflation pressure to be higher after driving as heat is generated in the tire. Do not reduce tire inflation pressure after driving.
- Passengers and luggage weight should be placed so that the vehicle is balanced.

**WARNING****■ Proper inflation is critical to save tire performance**

Keep your tires properly inflated.

If the tires are not properly inflated, the following conditions may occur which could lead to an accident resulting in death or serious injury:

- Excessive wear
- Uneven wear
- Poor handling
- Possibility of blowouts resulting from overheated tires
- Air leaking from between tire and wheel
- Wheel deformation and/or tire damage
- Greater possibility of tire damage while driving (due to road hazards, expansion joints, sharp edges in the road, etc.)

**NOTICE****■ When inspecting and adjusting tire inflation pressure**

Be sure to put the tire valve caps back on.

If a valve cap is not installed, dirt or moisture may get into the valve and cause an air leak, resulting in decreased tire inflation pressure.

Wheels

If a wheel is bent, cracked or heavily corroded, it should be replaced. Otherwise, the tire may separate from the wheel or cause a loss of handling control.

Wheel selection

When replacing wheels, care should be taken to ensure that they are equivalent to those removed in load capacity, diameter, rim width and inset*.

Replacement wheels are available at your Toyota dealer.

*: 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.

**WARNING****■ When replacing wheels**

- Do not use wheels that are a different size from those recommended in the Owner's Manual, as this may result in a loss of handling control.
- Never use an inner tube in a leaking wheel which is designed for a tubeless tire. Doing so may result in an accident, causing death or serious injury.

■ When installing the wheel nuts

- Be sure to install the wheel nuts with the tapered ends facing inward.
(→P. 302) 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

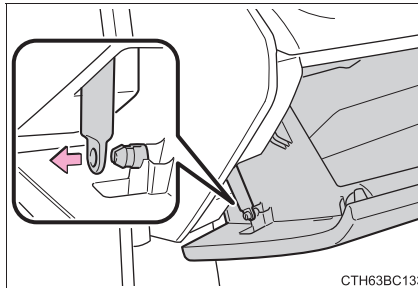
Do not use cracked or deformed wheels.
Doing so could cause the tire to leak air during driving, possibly causing an accident.

Air conditioning filter

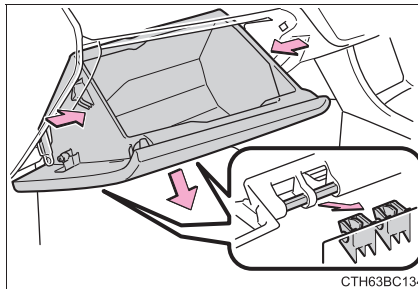
The air conditioning filter must be changed regularly to maintain air conditioning efficiency.

Removal method

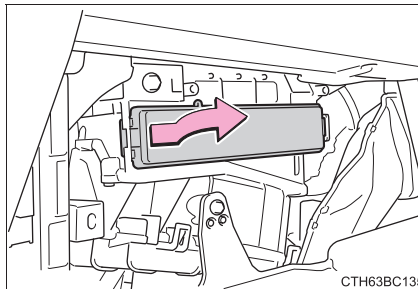
- 1 Turn the engine switch off.
- 2 Open the glove box. Slide off the damper.



- 3 Push in the glove box on the vehicle's outer side to disconnect the claws. Then pull out the glove box and disconnect the lower claws.



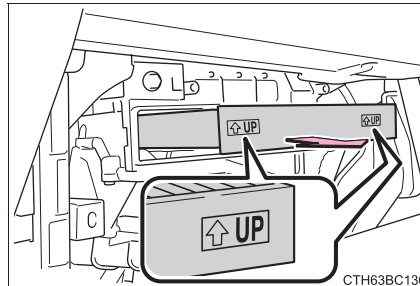
- 4 Remove the filter cover.



■ Replacement method

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

Replace the air conditioning filter according to the maintenance schedule. (→P. 217) In dusty areas or areas with heavy traffic flow, early replacement may be required.

■ 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.

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
- Small flathead screwdriver
- Lithium battery CR1620 (vehicles without a smart entry & start system), or CR2032 (vehicles with a smart entry & start system)

Replacing the battery

► Type A

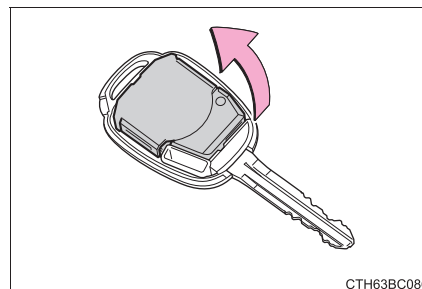
1 Remove the cover.

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

To prevent the buttons from being disassembled, face the button surface downward.

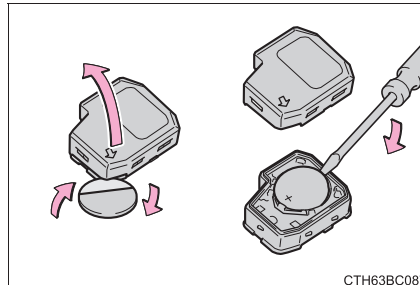


2 Remove the module.



- 3 Open the case cover using a coin protected with tape etc. and remove the depleted battery using a small flathead screwdriver.

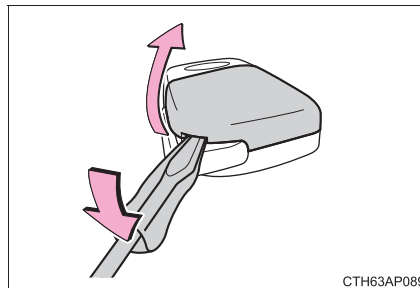
Insert a new battery with the “+” terminal facing up.



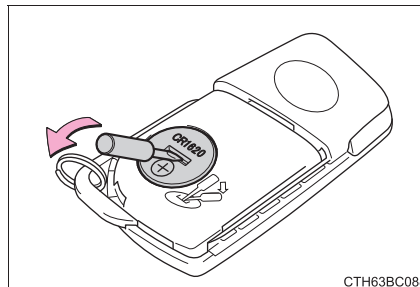
► Type B

- 1 Remove the key cover.

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

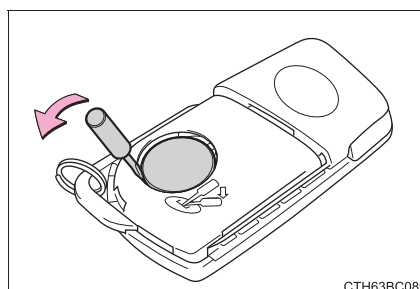


- 2 Remove the battery cover.

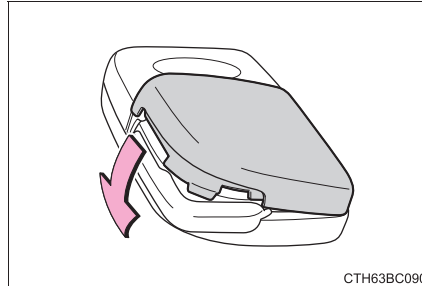


- 3 Remove the depleted battery.

Insert a new battery with the “+” terminal facing up.

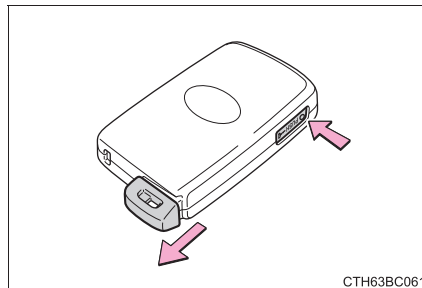


- 4 Place the key cover as shown after put the battery cover.



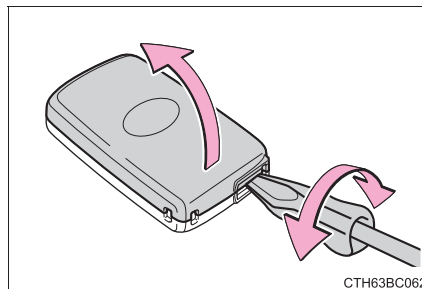
► Type C

- 1 Take out the mechanical key.



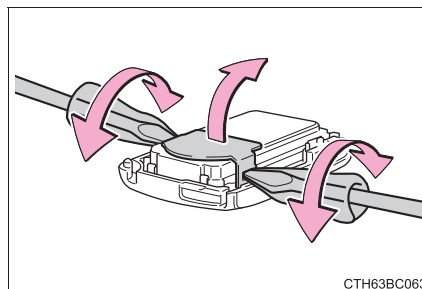
- 2 Remove the cover.

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



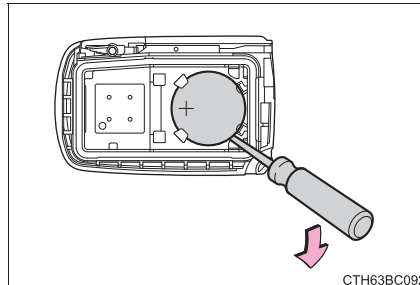
- 3 Remove the battery cover.

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



4 Remove the depleted battery.

Insert a new battery with the “+” terminal facing up.

**■ Use a CR1620 (vehicles without a smart entry & start system) or CR2032 (vehicles with a smart entry & start system) lithium battery**

- Batteries can be purchased at your Toyota dealer, 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****■ Battery precautions**

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

- Do not swallow the battery. Doing so may cause chemical burns.
- A coin battery or button battery is used in the wireless remote control/electronic key. If a battery is swallowed, it may cause severe chemical burns in as little as 2 hours and may result in death or serious injury.
- Keep away new and removed batteries from children.
- If the cover cannot be firmly closed, stop using the electronic key and stow the key in the place where children cannot reach, and then contact your Toyota dealer.
- If you accidentally swallow a battery or put a battery into a part of your body, get emergency medical attention immediately.

■ To prevent battery explosion or leakage of flammable liquid or gas

- Replace the battery with a new battery of the same type. If a wrong type of battery is used, it may explode.
- Do not expose batteries to extremely low pressure due to high altitude or extremely high temperatures.
- Do not burn, break or cut a battery.

**NOTICE****■ For normal operation after replacing the battery**

Observe the following precautions to prevent accidents:

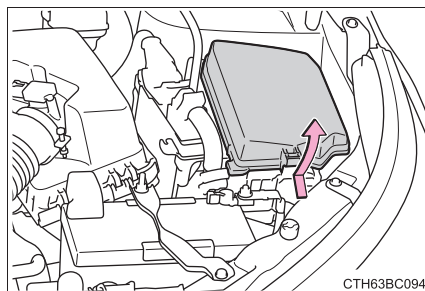
- Always work with dry hands.
Moisture may cause the battery to rust.
- Do not touch or move any other component inside the remote control.
- Do not bend either of the battery terminals.

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 engine switch off.
- 2 Open the fuse box cover.

► Engine compartment

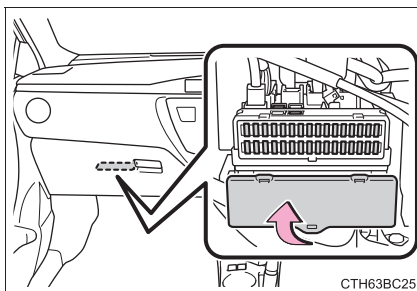


Push the tab in and lift the lid off.

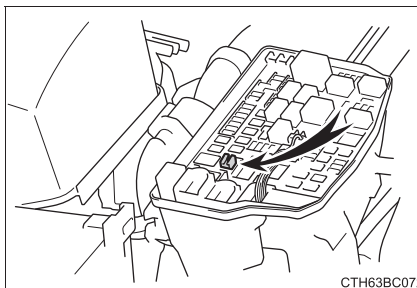
- 3 Remove the fuse with the pull-out tool.

Only type A fuses can be removed using the pullout tool.

► Passenger's side instrument panel



Remove the lid.

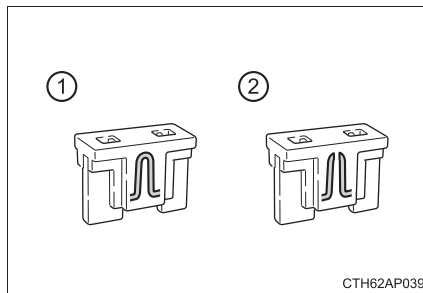


4 Check if the fuse is blown.

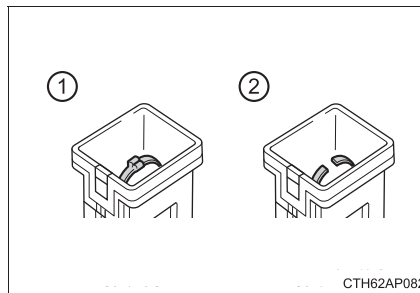
- ① Normal fuse
- ② Blown fuse

Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

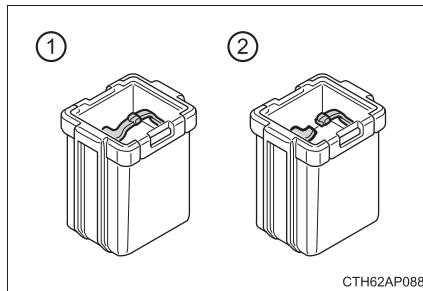
► Type A



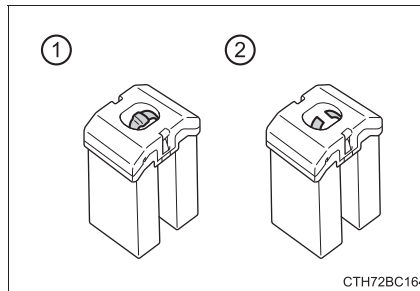
► Type B



► Type C



► Type D



■ 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. 259)
- If the replaced fuse blows again, have the vehicle inspected by your Toyota dealer.

■ If there is an overload in a circuit

The fuses are designed to blow, protecting the wiring harness from damage.

**WARNING****■ To prevent system breakdowns and vehicle fire**

Observe the following precautions.

Failure to do so may cause damage to the vehicle, and possibly a fire or injury.

- Never use a fuse of a higher amperage rating than that indicated, or use any other object in place of a fuse.
- Always use a genuine Toyota fuse or equivalent.
Never replace a fuse with a wire, even as a temporary fix.
- Do not modify the fuses or fuse boxes.

**NOTICE****■ Before replacing fuses**

Have the cause of electrical overload determined and repaired by your Toyota dealer as soon as possible.

Light bulbs

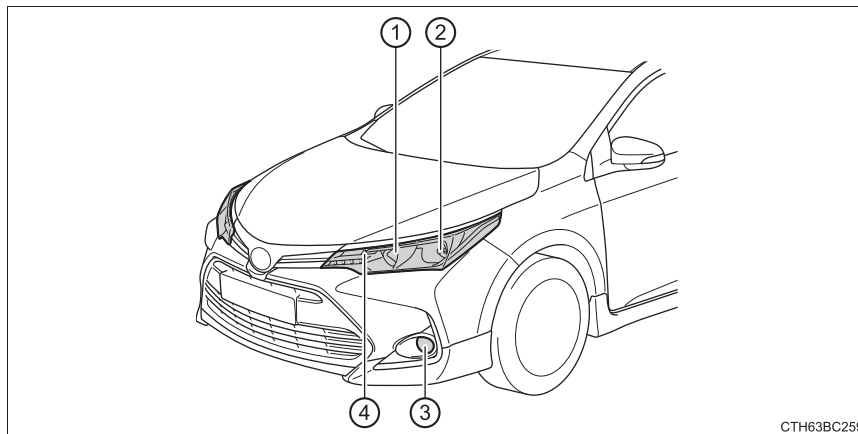
You may replace the following bulbs by yourself. The difficulty level of replacement varies depending on the bulb. As there is a danger that components may be damaged, we recommend that replacement is carried out by your Toyota dealer.

Preparing for light bulb replacement

Check the wattage of the light bulb to be replaced. (→P. 326)

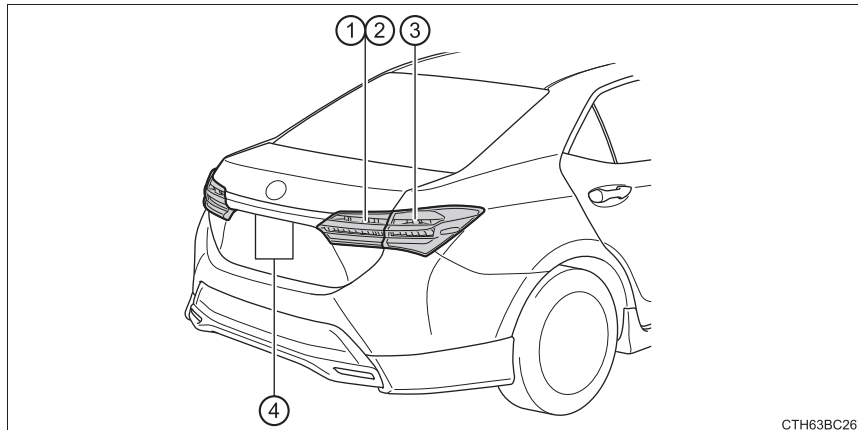
Bulb locations

■ Front



- ① Headlight high beam (halogen bulb)
- ② Headlight low beam (halogen bulb)
- ③ Front fog lights (bulb type) (if equipped)
- ④ Front turn signal light

■ Rear

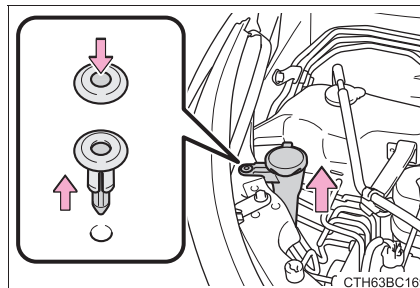


- ① Back-up light
- ② Rear fog light (right side only) (if equipped)
- ③ Rear turn signal light
- ④ License plate light

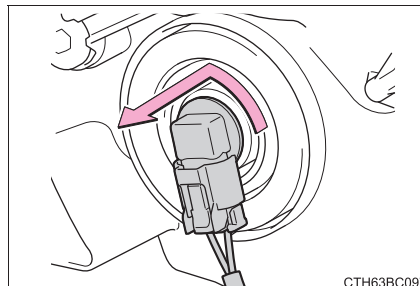
Replacing light bulbs

■ Headlight low beams

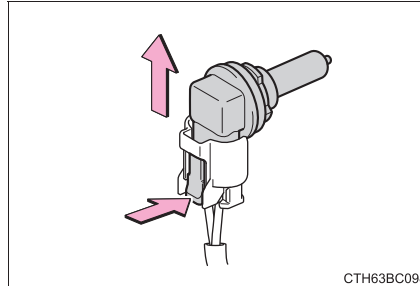
- 1 For the right side only:
Remove the clip and washer
tank inlet pipe.



- 2 Turn the bulb base
counterclockwise.

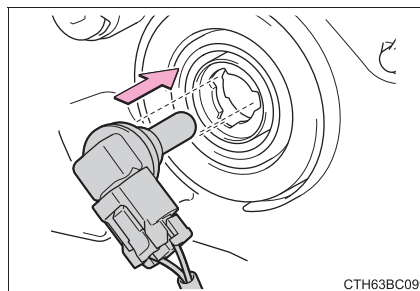


- 3 Pull the bulb out while pressing the lock release of the connector.



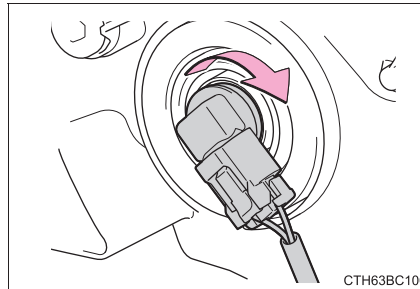
- 4 Replace the light bulb, and install the bulb base.

Align the 3 tabs on the light bulb with the mounting and insert.

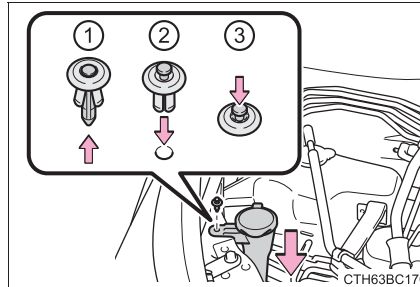


- 5 Turn and secure the bulb base.

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.

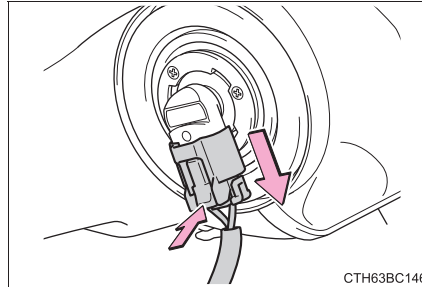


- 6 For the right side only: Install the washer tank inlet pipe with the clip.

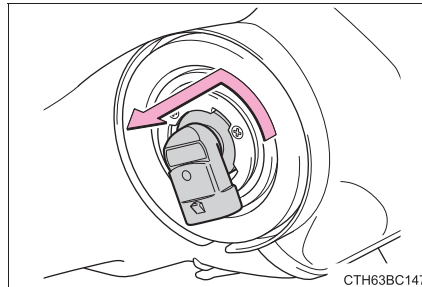


■ Headlight high beams

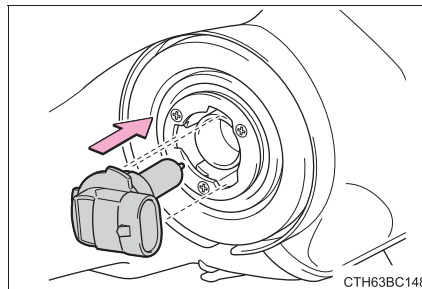
- 1 Unplug the connector while depressing the lock release.



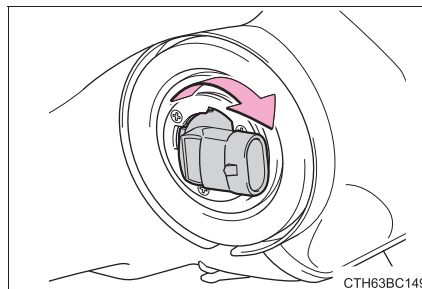
- 2 Turn the bulb base counterclockwise.



- 3 Install a new light bulb.
Align the 3 tabs on the light bulb with the mounting and insert.

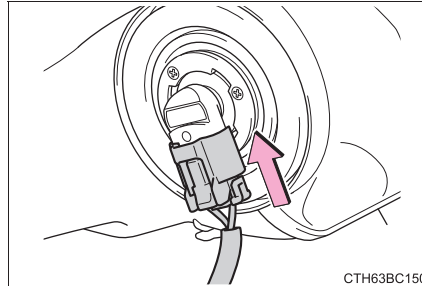


- 4 Turn and secure the bulb base.



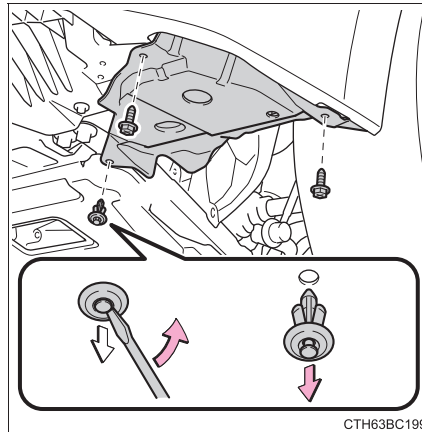
5 Install the connector.

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.

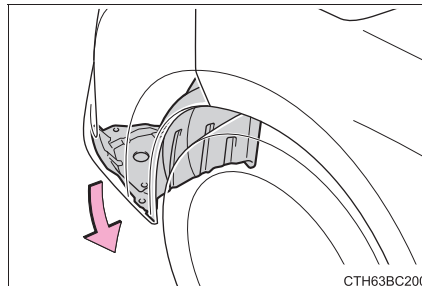


Front fog lights (bulb type) (if equipped)

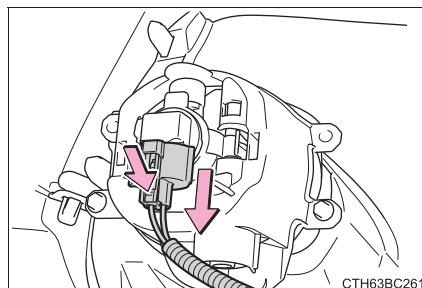
1 Remove the fender liner bolts and clip.



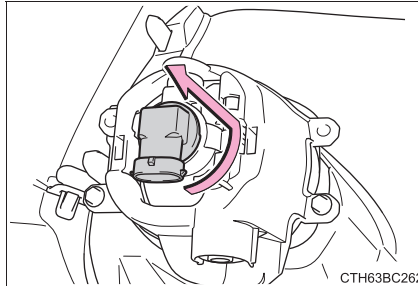
2 Remove the fender liner.



3 Unplug the connector while depressing the lock release.

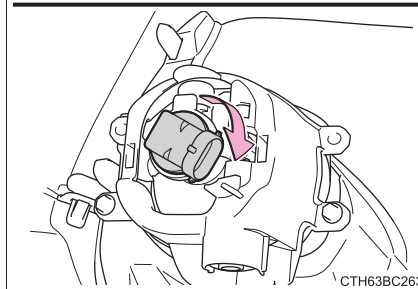
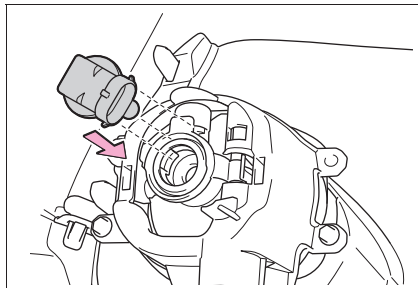


- 4 Turn the bulb base counterclockwise.



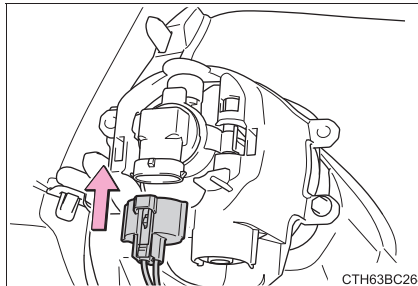
- 5 Install a new light bulb.

Align the 3 tabs on the light bulb with the mounting and insert. Turn clockwise and secure the bulb base.



- 6 Install the connector.

Shake the connector gently to check that it is not loose, turn the front fog lights on once and visually confirm that no light is leaking through the mounting.

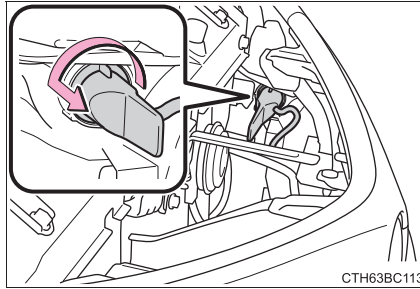


- 7 When installing the fender liner, install by conducting 2 and 1 with the directions reversed.

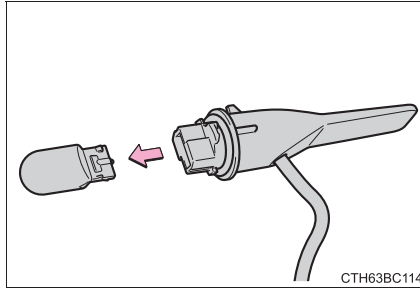
Make sure that the fender liner is attached to the inside of the bumper.

■ Front turn signal lights

- 1 Turn the bulb base counterclockwise.



- 2 Remove the light bulb.

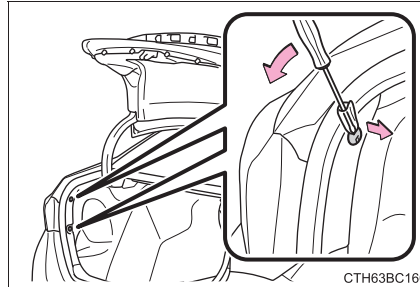


- 3 When installing, reverse the steps listed.

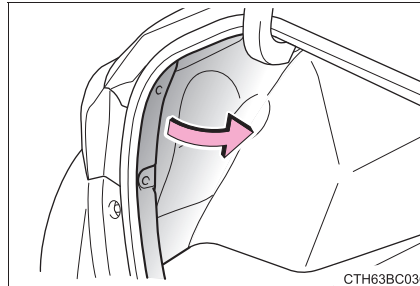
■ Rear turn signal lights

- 1 Open the trunk lid and remove the clips.

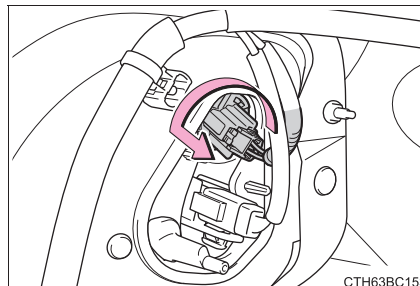
To prevent damage to the vehicle, cover the tip of the screwdriver with a rag.



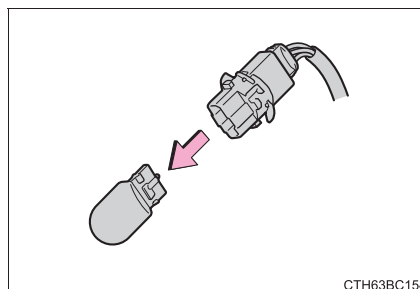
- 2 Partly remove the luggage trim cover.



- 3 Turn the bulb base counterclockwise.



- 4 Remove the light bulb.

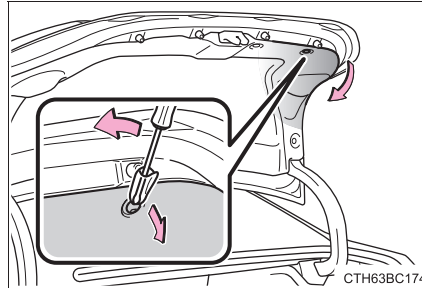


- 5 When installing, reverse the steps listed.

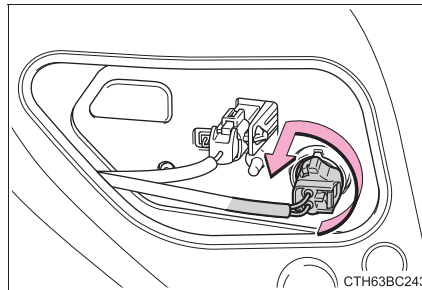
■ Rear fog light (if equipped) and back-up lights

- 1 Open the trunk lid and remove the clip. Then partly remove the trunk panel cover.

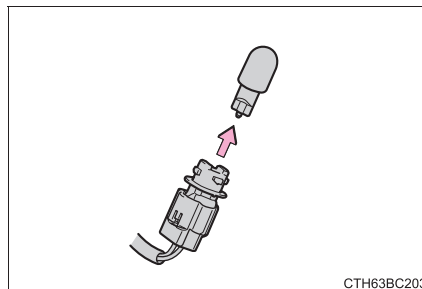
To prevent damage to the vehicle, cover the tip of the screwdriver with a rag.



- 2 Turn the bulb base counterclockwise.



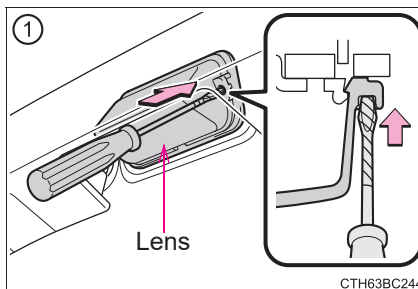
- 3 Remove the light bulb.



- 4 When installing, reverse the steps listed.

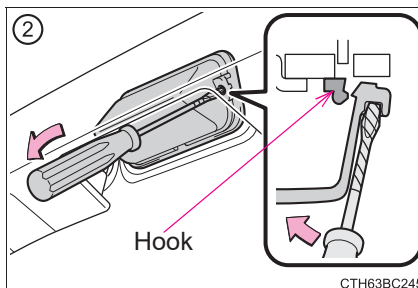
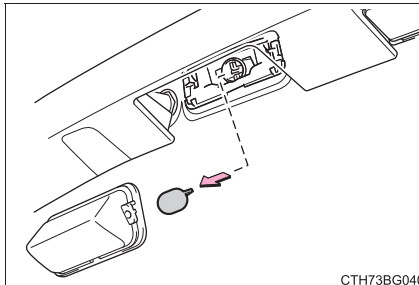
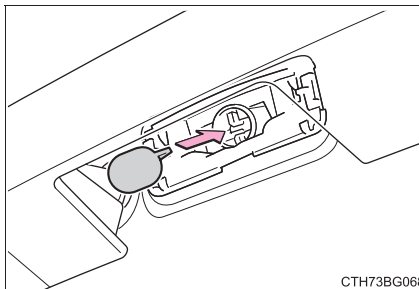
■ License plate lights**1 Remove the lens.**

- ① Insert a small flathead screwdriver, etc. into either the right or left hole of the lens.



- ② Push the screwdriver sideways in the direction of the arrow shown in the illustration, disengage the hook, and then remove the lens.

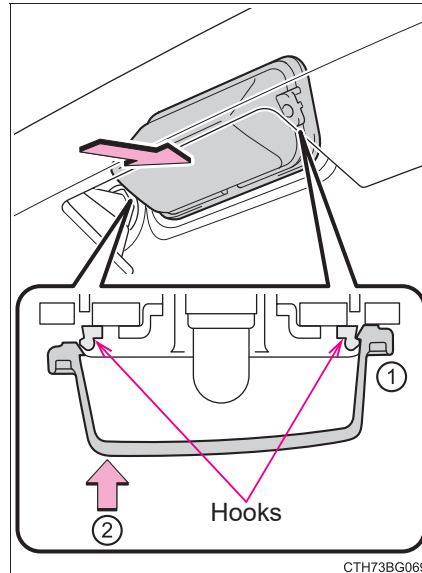
To prevent damage to the vehicle, wrap the tip of the screwdriver with tape.

**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 hooks.
- ② Push the lens into place.

After installation, confirm that the lens is properly installed by gently pulling it.

**■ Replacing the following bulbs**

If any of the lights listed below has burnt out, have it replaced by your Toyota dealer.

- Headlight high beams (LED type)
- Headlight low beams (LED type)
- Front fog lights (LED type) (if equipped)
- Front position lights/daytime running lights (if equipped)
- Front position lights (if equipped)
- Stop lights
- Tail lights
- High mounted stoplight
- Side turn signal lights

■ LED light bulbs (if equipped)

The headlight high beams, headlight low beams, front fog lights (LED type), front position lights, front position lights/day time running lights, stop lights, tail lights, and high mounted stoplight consist of a number of LEDs. If any of the LEDs burns out, take your vehicle to your Toyota dealer to have the light replaced.

■ Condensation build-up on the inside of the lens

Temporary condensation build-up on the inside of the headlight lens does not indicate a malfunction.

Contact your Toyota dealer 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.

**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.

When trouble arises

7

7-1. Essential information

Emergency flashers	272
If your vehicle has to be stopped in an emergency	273
If the vehicle is submerged or water on the road is rising	275

7-2. Steps to take in an emergency

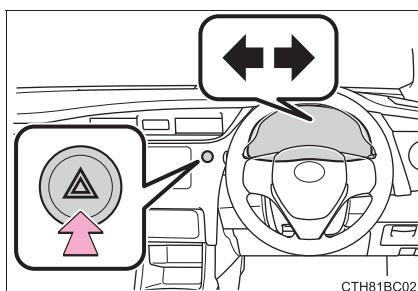
If your vehicle needs to be towed	276
If you think something is wrong	281
Fuel pump shut off system	282
If a warning light turns on or a warning buzzer sounds	283
If a warning message or indicator is displayed	286
If you have a flat tire	295
If the engine will not start	304
If the electronic key does not operate properly	306
If the vehicle battery is discharged	308
If your vehicle overheats	312
If the vehicle becomes stuck	315

Emergency flashers

The emergency flashers are used to warn other drivers when the vehicle has to be stopped in the road due to a breakdown, etc.

Press the switch.

All the turn signal lights will flash.
To turn them off, press the switch
once again.

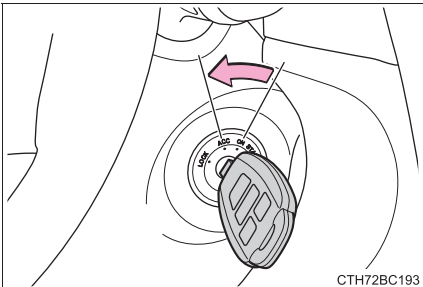


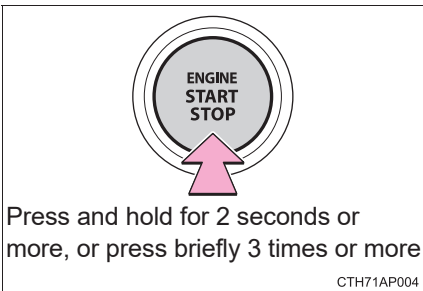
■ Emergency flashers

If the emergency flashers are used for a long time while the engine is not operating, the 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 engine.
► 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 engine by turning the engine switch to the "ACC" position.
- 

CTH72BC193
- 4 Vehicles with a smart entry & start system: To stop the engine, press and hold the engine switch for 2 consecutive seconds or more, or press it briefly 3 times or more in succession.
- 

Press and hold for 2 seconds or more, or press briefly 3 times or more

CTH71AP004
- 5 Stop the vehicle in a safe place by the road.

**WARNING****■ If the engine has to be turned off while driving**

- Power assist for the brakes and steering wheel will be lost, making the brake pedal harder to depress and the steering wheel heavier to turn. Decelerate as much as possible before turning off the engine.
- Vehicles without a smart entry & start system: Never attempt to remove the key, as doing so will lock the steering wheel.

If the vehicle is submerged or water on the road is rising

This vehicle is not designed to be able to drive on roads that are deeply flooded with water. Do not drive on roads where the roads may be submerged or the water may be rising. It is dangerous to remain in the vehicle, if it is anticipated that the vehicle will be flooded or set adrift. Remain calm and follow the following.

- If the door can be opened, open the door and exit the vehicle.
- If the door cannot be opened, open the window using the power window switch and ensure an escape route.
- If the window can be opened, exit the vehicle through the window.
- If the door and window cannot be opened due to the rising water, remain calm, wait until the water level inside the vehicle rises to the point that the water pressure inside of the vehicle equals the water pressure outside of the vehicle and then open the door after waiting for the rising water to enter the vehicle, and exit the vehicle.

When the outside water level exceeds half the height of the door, the door cannot be opened from the inside due to water pressure.

■ Water level exceeds the floor

When the water level exceeds the floor and time has passed, the electrical equipment will get damaged, the power windows will not operate, the engine stop, and the vehicle may not be able to get moving.

■ Using an emergency escape hammer*

Laminated glass is used in the windshield on this vehicle.

Laminated glass cannot be shattered with an emergency hammer*.

Tempered glass is used in the windows on this vehicle.

*: Contact your Toyota dealer or aftermarket accessory manufacturer for further information about an emergency hammer.



WARNING

■ Caution while driving

Do not drive on roads where the roads may be submerged or the water may be rising. Otherwise the vehicle may be damaged and cannot move, as well as become flooded and set adrift, which may lead to death.

If your vehicle needs to be towed

If towing is necessary, we recommend having your vehicle towed by your Toyota dealer 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.

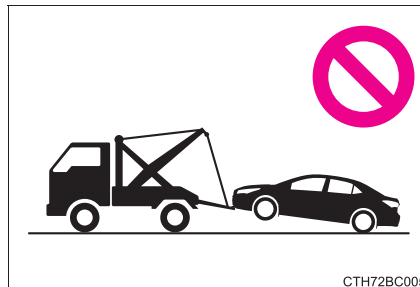
Situations when it is necessary to contact dealers before towing

The following may indicate a problem with your transmission. Contact your Toyota dealer or commercial towing service before towing.

- The engine is running but the vehicle does not move.
- The vehicle makes an abnormal sound.

Towing with a sling-type truck

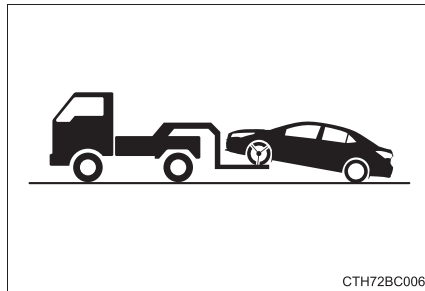
Do not tow with a sling-type truck to prevent body damage.



CTH72BC005

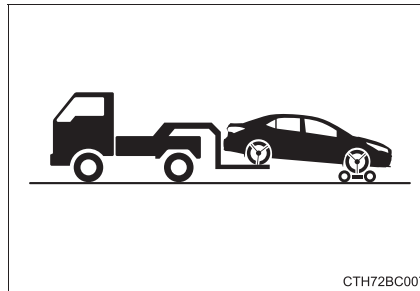
Towing with a wheel-lift type truck

► From the front



Release the parking brake.

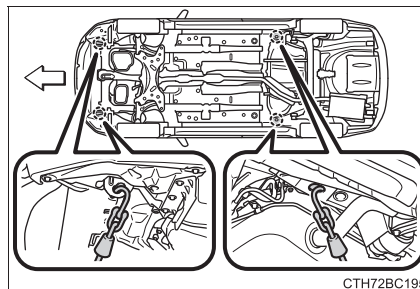
► From the rear



Use a towing dolly under the front wheels.

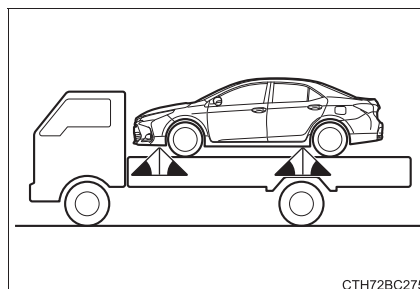
Using a flatbed truck

If your vehicle is transported by a flatbed truck, it should be tied down at the locations shown in the illustration.



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.



7

When trouble arises

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 at most 80 km (50 miles) at under 30 km/h (18 mph).

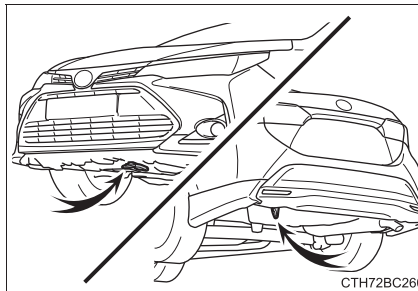
A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

For vehicles except for manual transmission, only the front towing eyelet may be used.

Emergency towing procedure

- 1 Securely attach cables or chains to the towing eyelet.

Take care not to damage the vehicle body.



- 2 Vehicles without a smart entry & start system: Enter the vehicle being towed and start the engine.

If the engine does not start, turn the engine switch to the "ON" position.

Vehicles with a smart entry & start system: Enter the vehicle being towed and start the engine.

If the engine does not start, turn the engine switch to IGNITION ON mode.

- 3 Shift the shift lever to N and release the parking brake.

When the shift lever cannot be shifted (continuously variable transmission): →P. 149

■ While towing

If the engine is not running, the power assist for the brakes and steering will not function, making steering and braking more difficult.

■ Wheel nut wrench

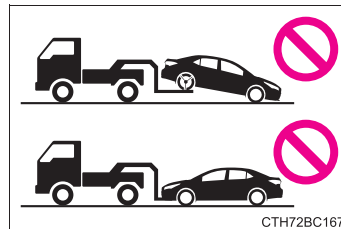
Wheel nut wrench is stored in the tool bag. (→P. 296)

⚠ WARNING

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

■ When towing the vehicle

Be sure to transport the vehicle with the front wheels raised or with all four wheels raised off the ground. If the vehicle is towed with the front wheels contacting the ground, the drivetrain and related parts may be damaged.



■ 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 engine 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 engine switch off.
There is a possibility that the steering wheel is locked and cannot be operated.



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 engine switch is 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 engine 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 your Toyota dealer as soon as possible.

Visible symptoms

- Fluid leaks under the vehicle.
(Water dripping from the air conditioning after use is normal.)
- Flat-looking tires or uneven tire wear
- Engine coolant temperature gauge needle continually points higher than normal.

Audible symptoms

- Changes in exhaust sound
- Excessive tire squeal when cornering
- Strange noises related to the suspension system
- Pinging or other noises related to the engine

Operational symptoms

- Engine missing, stumbling or running roughly
- Appreciable loss of power
- Vehicle pulls heavily to one side when braking
- Vehicle pulls heavily to one side when driving on a level road
- Loss of brake effectiveness, spongy feeling, pedal almost touches the floor

Fuel pump shut off system*

To minimize the risk of fuel leakage when the engine stalls or when an airbag inflates upon collision, the fuel pump shut off system stops the supply of fuel to the engine.

Follow the procedure below to restart the engine after the system is activated.

► Vehicles without a smart entry & start system

- 1 Turn the engine switch to the “ACC” or “LOCK” position.
- 2 Restart the engine.

► Vehicles with a smart entry & start system

- 1 Turn the engine switch to ACCESSORY mode or turn it off.
- 2 Restart the engine.



NOTICE

■ Before starting the engine

Inspect the ground under the vehicle.

If you find that fuel has leaked onto the ground, the fuel system has been damaged and is in need of repair. Do not restart the engine.

*: If equipped

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 your Toyota dealer.

Warning light and warning buzzer list

Warning light	Warning light/Details/Actions
	Brake system warning light (warning buzzer)*¹ • 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 your Toyota dealer. Continuing to drive the vehicle may be dangerous.
	Charging system warning light Indicates a malfunction in the vehicle's charging system → Immediately stop the vehicle in a safe place and contact your Toyota dealer.
	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 your Toyota dealer.
	Malfunction indicator lamp Indicates a malfunction in: • The electronic engine control system; • The electronic throttle control system; or • The electronic continuously variable transmission control system. → Have the vehicle inspected by your Toyota dealer immediately.

Warning light	Warning light/Details/Actions
	SRS warning light Indicates a malfunction in: • The SRS airbag system; or • The seat belt pretensioner system. → Have the vehicle inspected by your Toyota dealer immediately.
	ABS warning light Indicates a malfunction in the ABS. → Have the vehicle inspected by your Toyota dealer immediately.
	Electric power steering system warning light (warning buzzer) Indicates a malfunction in the EPS (Electric Power Steering) system → Have the vehicle inspected by your Toyota dealer immediately.
 (Comes on)	Slip indicator*2 Indicates a malfunction in: • The VSC system; or • The TRC system. The light will flash when the VSC or the TRC system is operating. → Have the vehicle inspected by your Toyota dealer immediately.
	Low fuel level warning light Indicates remaining fuel is approximately 8.3 L (2.2 gal., 1.8 Imp. gal.) or less → Refuel the vehicle.
	Driver's and front passenger's seat belt reminder light (warning buzzer)*3 Warns the driver and/or front passenger to fasten their seat belts → Fasten the seat belt.
	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. 286

*1: Parking brake engaged warning buzzer:

The buzzer sounds to indicate that the parking brake is still engaged (with the vehicle having reached a speed of 5 km/h [3 mph]).

*2: If equipped

*3: The driver's and front passenger's seat belt warning buzzer sounds to alert the driver and front passenger that his or her seat belt is not fastened. If the seat belt is unfastened, the buzzer sounds intermittently for a certain period of time after the vehicle reaches a certain speed.

■ 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 battery charge becomes insufficient or the voltage temporarily drops, the electric power steering system warning light may come on and the warning buzzer may sound.



WARNING

■ If both the ABS and the brake system warning lights remain on

Stop your vehicle in a safe place immediately and contact your Toyota dealer. 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.
When steering wheel operations are heavier than usual, grip the steering wheel firmly and operate it using more force than usual.

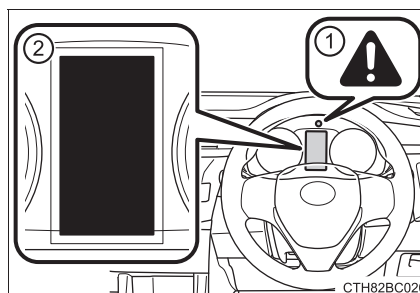
If a warning message or indicator is displayed

If a warning is shown on the multi-information display, stay calm and perform the following actions:

① Master warning light

The master warning light also comes on or flashes in order to indicate that a message is currently being displayed on the multi-information display.

② Multi-information display



If any of the warning message or indicator comes on again after the following actions have been performed, contact your Toyota dealer.

Warning message and warning buzzer list

Warning message	Details/Actions
Check Cruise Control System  (If equipped)	Indicates a malfunction in the cruise control system. - Press the "ON-OFF" button once to deactivate the system, and then press the button again to reactivate the system. - A buzzer also sounds. → Have the vehicle inspected by your Toyota dealer.
Check Entry & Start System  (Flashes) (If equipped)	Indicates a malfunction in the smart entry & start system. A buzzer also sounds. → Have the vehicle inspected by your Toyota dealer.

Warning message	Details/Actions
Headlight System Malfunction Visit Your Dealer  (Flashes) (If equipped)	Indicates a malfunction in: • The automatic headlight leveling system • The LED headlight system A buzzer also sounds. → Have the vehicle inspected by your Toyota dealer.
Open  (Flashes)	Indicates that one or more of the doors is not fully closed. The system also indicates which doors are not fully closed. If the vehicle reaches a speed of 5 km/h (3 mph),  flashes and a buzzer sounds to indicate that the door(s) are not yet fully closed. → Make sure that all the doors are closed.
Open  (Flashes)	Indicates that the trunk is not fully closed. If the vehicle reaches a speed of 5 km/h (3 mph), a buzzer sounds to indicate that the trunk is not yet fully closed. → Close the trunk.
Release Parking Brake  (Flashes)	Indicates that the parking brake is still engaged. If the vehicle reaches a speed of 5 km/h (3 mph),  flashes and a buzzer sounds to indicate that the parking brake is still engaged. → Release the parking brake.
Turn Light Off  (Flashes)	Vehicles without a smart entry & start system: Indicates that the engine switch is turned off or turned to the "ACC" position and the driver's door is opened while the lights are turned on. A buzzer also sounds. Vehicles with a smart entry & start system: Indicates that the engine switch is turned off or turned to ACCESSORY mode and the driver's door is opened while the lights are turned on. A buzzer also sounds. → Turn the lights off.

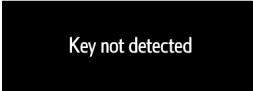
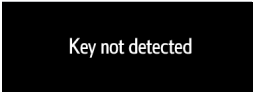
Warning message	Details/Actions
Moon Roof opened  (Flashes) (If equipped)	Indicates that the moon roof is not fully closed (with the engine switch off, and the driver's door open) A buzzer also sounds. → Close the moon roof.

■ Warning buzzer

In some cases, the buzzer may not be heard because of noisy place or an audio sound.

Have the malfunction repaired immediately. (vehicles with a smart entry & start system)

After taking the specified steps to correct the suspected problem, check that the warning message and light go off.

Interior buzzer	Exterior buzzer	Warning message	Details/Actions
Once	—	  (Flashes)	The electronic key is not detected when an attempt is made to start the engine. → Start the engine with the electronic key present.
Once	3 times	  (Flashes)	The electronic key was carried outside the vehicle and a door other than the driver's door was opened and closed while the engine switch was in a mode other than off. → Bring the electronic key back into the vehicle. The driver's door was opened and closed while the electronic key was not in the vehicle, the shift lever was in P and the engine switch was not turned off. → Turn the engine switch off or bring the electronic key back into the vehicle.

Interior buzzer	Exterior buzzer	Warning message	Details/Actions
Once	Continuous (5-seconds)	Key not detected Turn Power OFF (Displayed alternately)  (Flashes)	An attempt was made to exit the vehicle with the electronic key and lock the doors without first turning the engine switch off when the shift lever was in P. → Turn the engine switch off and lock the doors again.
9 times	—	Key not detected  (Flashes)	An attempt was made to drive when the regular key was not inside the vehicle. → Confirm that the electronic key is inside the vehicle.
Continuous	—	Shift to P Before Exiting Vehicle.  (Flashes)	The driver's door was opened while any shift lever other than P was selected without turning off the engine switch. → Shift the shift lever to P.

Interior buzzer	Exterior buzzer	Warning message	Details/Actions
Continuous	Continuous	Shift to P Before Exiting Vehicle. Key not detected (Displayed alternately)  (Flashes)	The driver's door was opened and closed while the electronic key was not in the vehicle, the shift lever was not in P and the engine switch was not turned off. → Shift the shift lever to P. → Bring the electronic key back into the vehicle.
—	Continuous (5-seconds)	Key detected in vehicle  (Flashes)	An attempt was made to lock the doors using the smart entry & start system while the electronic key was still inside the vehicle. → Retrieve the electronic key from the vehicle and lock the doors again.
Once	Continuous (5-seconds)	Key detected in vehicle  (Flashes)	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 buzzer	Exterior buzzer	Warning message	Details/Actions
Once	—	Depress brake pedal, touch engine switch with key  (Flashes)	- When the doors were unlocked with the mechanical key and then the engine 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 engine switch was pressed two consecutive times. → Touch the electronic key to the engine switch while depressing the brake pedal.
Once	—	Shift to P to start.  (Flashes)	An attempt was made to start the engine with the shift lever in an incorrect position. → Shift the shift lever to P and start the engine.
—	—	Auto Power OFF to Conserve Battery	Power was turned off due to the automatic power off function. → Next time when starting the engine, increase the engine speed slightly and maintain that level for approximately 5 minutes to recharge the battery.
Once	—	Key Battery Low 	The electronic key has a low battery. → Replace the electronic key battery. (→P. 251)

Interior buzzer	Exterior buzzer	Warning message	Details/Actions
Once	—	Depress brake and then start engine.  (Flashes)	The driver's door was opened and closed with the engine switch turned off and then the engine switch was put in ACCESSORY or IGNITION ON mode twice without the engine being started. → Press the engine switch while depressing the brake pedal.
		Steering Lock active  (Flashes)	During an engine starting procedure in the event that the electronic key was not functioning properly (→P. 307), the engine switch was touched with the electronic key. → Press the engine switch while depressing the brake pedal within 10 seconds of the buzzer sounding.
Once	—	Steering Lock active  (Flashes)	The steering lock could not be released within 3 seconds of the engine switch being pressed. → Press the engine switch while depressing the brake pedal and moving the steering wheel left and right.

Interior buzzer	Exterior buzzer	Warning message	Details/Actions
Once	—	Shift to P Before Exiting Vehicle.  (Flashes)	The engine switch has been turned off with the shift lever in a position other than P or N. → Shift the shift lever to P.
Once	—	Turn Power OFF  (Flashes)	After the engine switch has been turned off with the shift lever in a position other than P, the shift lever has been shifted to P. → Turn the engine switch off.

■ Warning buzzer

In some cases, the buzzer may not be heard because of noisy place or an audio sound.

If you have a flat tire

Your vehicle is equipped with a spare tire. The flat tire can be replaced with the spare tire.

For details about tires: →P. 242



WARNING

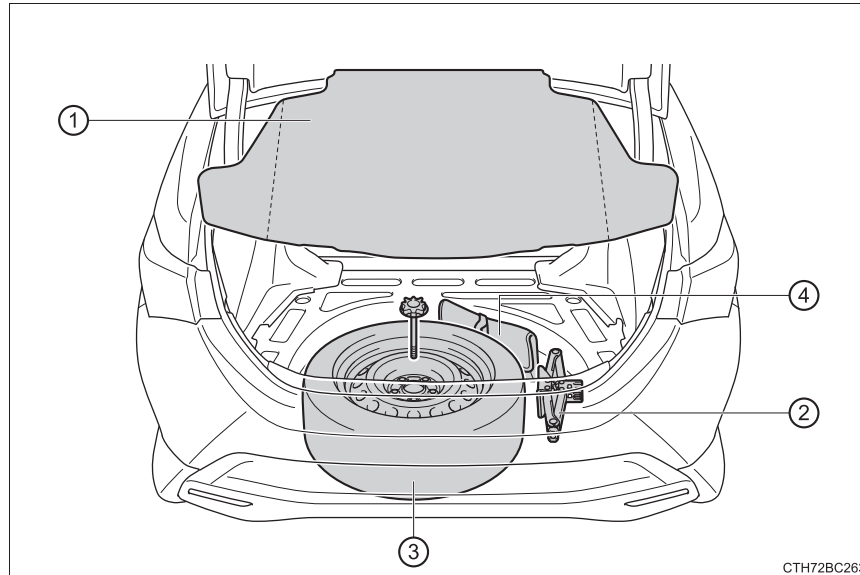
■ If you have a flat tire

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 (continuously variable transmission) or R (manual transmission).
- Stop the engine.
- Turn on the emergency flashers. (→P. 272)

Location of the spare tire, jack and tools

CTH72BC263

① Luggage floor cover

③ Spare tire

② Jack

④ Tool bag

**WARNING****■ Using the tire jack**

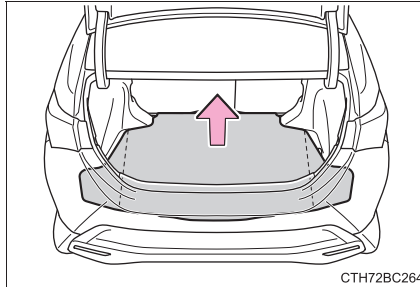
Observe the following precautions.

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 engine or drive the vehicle while the vehicle is supported by the jack.
- Do not raise the vehicle while someone is inside.
- When raising the vehicle, do not put an object on or under the jack.
- Do not raise the vehicle to a height greater than that required to replace the tire.
- Use a jack stand if it is necessary to get under the vehicle.
- When lowering the vehicle, make sure that there is no-one near the vehicle. If there are people nearby, warn them vocally before lowering.

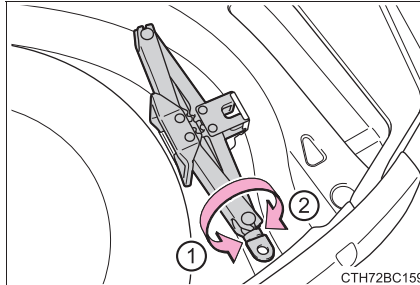
Taking out the jack

- 1 Remove the luggage floor cover.



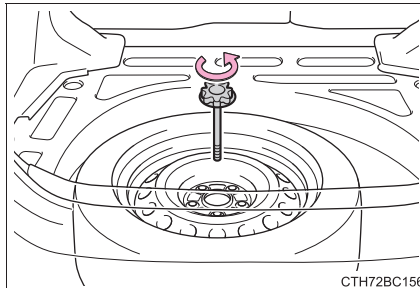
- 2 Take out the jack.

- ① For loosening
- ② For tightening



Taking out the spare tire

Loosen the center fastener that secures the spare tire.



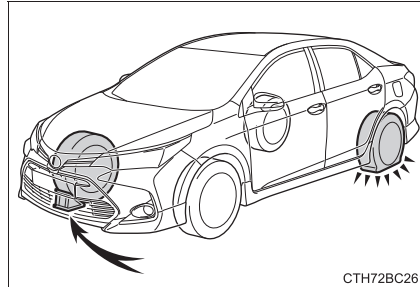
! WARNING

■ When storing the spare tire

Be careful not to catch fingers or other body parts between the spare tire and the body of the vehicle.

Replacing a flat tire

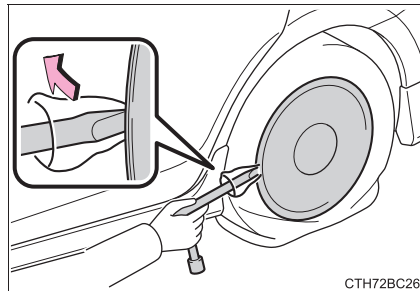
- 1 Chock the tires.



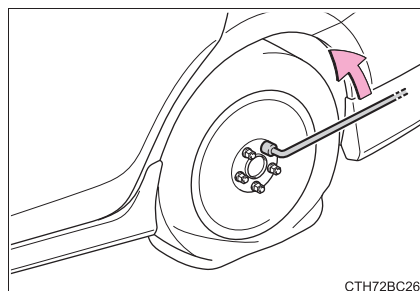
Flat tire		Wheel chock positions
Front	Left-hand side	Behind the rear right-hand side tire
	Right-hand side	Behind the rear left-hand side tire
Rear	Left-hand side	In front of the front right-hand side tire
	Right-hand side	In front of the front left-hand side tire

- 2 For vehicles with steel wheels, remove the wheel ornament using the wrench.

To protect the wheel ornament, place a rag between the wrench and the wheel ornament, as shown in the illustration.

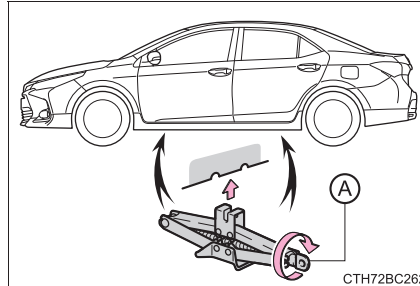


- 3 Slightly loosen the wheel nuts (one turn).

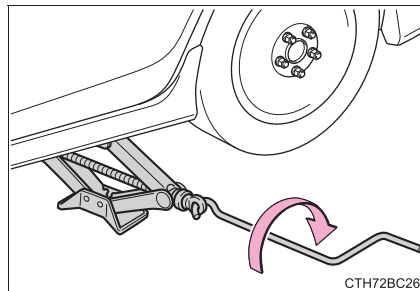


- 4 Turn the tire jack portion “A” by hand until the notch of the jack is in contact with the jack point.

The jack point guides are located under the rocker panel. They indicate the jack point positions.

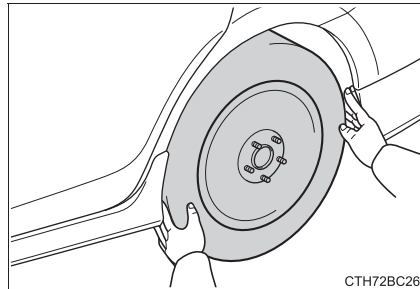


- 5 Raise the vehicle until the tire is slightly raised off the ground.



- 6 Remove all the wheel nuts and the tire.

When resting the tire on the ground, place the tire so that the wheel design faces up to avoid scratching the wheel surface.



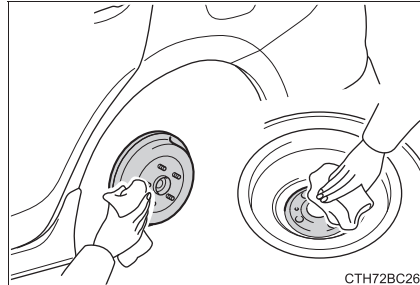
**WARNING****■ Replacing a flat tire**

- Do not touch the disc wheels or the area around the brakes immediately after the vehicle has been driven.
After the vehicle has been driven the disc wheels and the area around the brakes will be extremely hot. Touching these areas with hands, feet or other body parts while changing a tire, etc. may result in burns.
- Failure to follow these precautions could cause the wheel nuts to loosen and the tire to fall off, resulting in death or serious injury.
 - Never use oil or grease on the wheel bolts or wheel nuts.
Oil and grease may cause the wheel nuts to be excessively tightened, leading to bolt or disc wheel damage. Remove any oil or grease that has adhered when installing the wheel nuts.
 - After replacing a tire, check the tightening torque as soon as possible.
Wheel nut torque: 103 N•m (10.5 kgf•m, 76 ft•lbf)
 - Do not attach a heavily damaged wheel ornament, as it may fly off the wheel while the vehicle is moving.
 - When installing a tire, only use wheel nuts that have been specifically designed for that wheel.
 - If there are any cracks or deformations in the bolt screws, nut threads or bolt holes of the wheel, have the vehicle inspected by your Toyota dealer.
 - When installing the wheel nuts, be sure to install them with the tapered ends facing inward.

Installing the spare tire

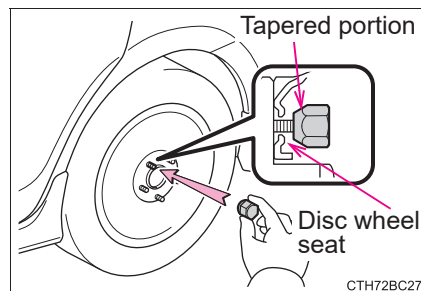
- 1 Remove any dirt or foreign matter from the wheel contact surface.

If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, causing the tire to come off.

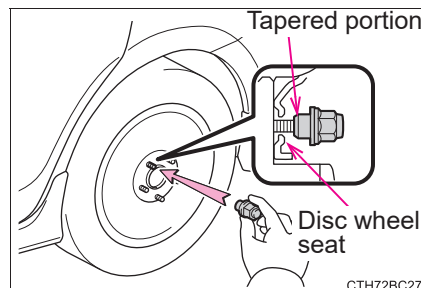


- 2 Install the tire and loosely tighten each wheel nut by hand by approximately the same amount.

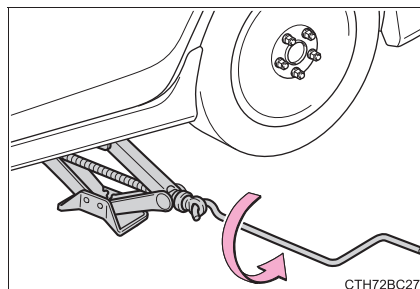
When replacing a steel wheel with a steel wheel, tighten the wheel nuts until the tapered portion comes into loose contact with the disc wheel seat.



When replacing an aluminum wheel with a steel wheel, tighten the wheel nuts until the tapered portion comes into loose contact with the disc wheel seat.

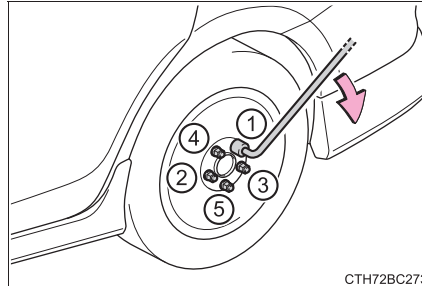


- 3 Lower the vehicle.



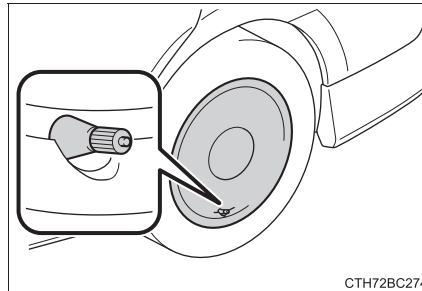
- 4 Securely tighten the wheel nuts two or three times in the order shown in the illustration using a wheel nut wrench.

Tightening torque:
103 N•m (10.5 kgf•m, 76 ft•lbf)



- 5 Vehicles with a steel wheel:
Reinstall the wheel ornament.

Align the cutout of the wheel ornament with the valve stem as shown.



- 6 Stow the flat tire, tire jack and all tools.

⚠ WARNING

■ **When using the full-size spare tire**

- Replace the full-size spare tire with a standard tire as soon as possible.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.

■ **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.

If the engine will not start

If the engine will not start even though correct starting procedures are being followed (→P. 138), consider each of the following points:

The engine will not start even though the starter motor operates normally.

One of the following may be the cause of the problem:

- There may not be sufficient fuel in the vehicle's tank.
Refuel the vehicle.
- The engine may be flooded.
Try to restart the engine again following correct starting procedures.
(→P. 138)
- There may be a malfunction in the engine immobilizer system.
(→P. 61)

The starter motor turns over slowly, 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 battery may be discharged. (→P. 308)
- The battery terminal connections may be loose or corroded.

The starter motor does not turn over (vehicles with a smart entry & start system)

The engine starting system may be malfunctioning due to an electrical problem such as electronic key battery depletion or a blown fuse. However, an interim measure is available to start the engine.
(→P. 305)

The starter motor does not turn over, the interior lights and headlights do not turn on, or the horn does not sound.

One of the following may be the cause of the problem:

- One or both of the battery terminals may be disconnected.
- The battery may be discharged. (→P. 308)
- There may be a malfunction in the steering lock system. (vehicles with a smart entry & start system)

Contact your Toyota dealer if the problem cannot be repaired, or if repair procedures are unknown.

Emergency start function (vehicles with a smart entry & start system)

When the engine does not start, the following steps can be used as an interim measure to start the engine if the engine switch is functioning normally:

- 1 Set the parking brake.
- 2 Shift the shift lever to P.
- 3 Turn the engine switch to ACCESSORY mode.
- 4 Press and hold the engine switch for about 15 seconds while depressing the brake pedal firmly.

Even if the engine can be started using the above steps, the system may be malfunctioning. Have the vehicle inspected by your Toyota dealer.

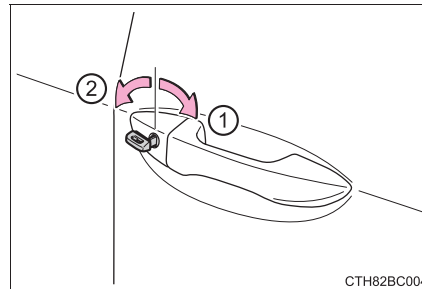
If the electronic key does not operate properly (vehicles with a smart entry & start system)

If communication between the electronic key and vehicle is interrupted (→P. 100) 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 engine can be started by following the procedure below.

Locking and unlocking the doors

Use the mechanical key (→P. 81) in order to perform the following operations:

- ① Locks all the doors
- ② Unlocks all the doors



CTH82BC004

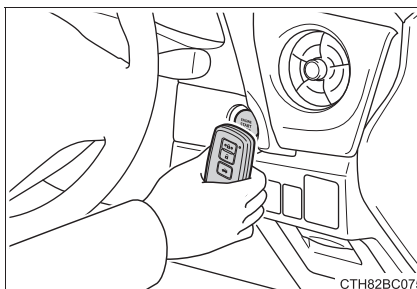
Starting the engine

- 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 engine switch.

When the electronic key is detected, a buzzer sounds and the engine switch will turn to IGNITION ON mode.

When the smart entry & start system is deactivated in customization setting, the engine switch will turn to ACCESSORY mode.



- 3 Firmly depress the brake pedal and check that  is shown on the multi-information display.

- 4 Press the engine switch shortly and firmly.

In the event that the engine still cannot be started, contact your Toyota dealer.

Stopping the engine

Shift the shift lever to P and press the engine switch as you normally do when stopping the engine.

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. 251)

Changing engine switch modes

Release the brake pedal and press the engine switch in step 3 above.

The engine does not start and modes will be changed each time the switch is pressed. (→P. 141)

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. 328)
- Check if electronic key battery-saving mode is set. If it is set, cancel the function. (→P. 99)

If the vehicle battery is discharged

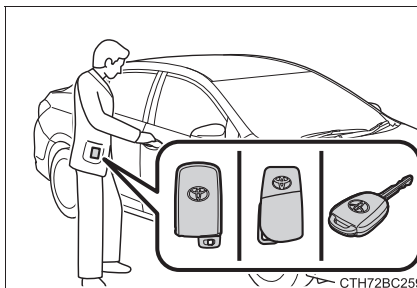
The following procedures may be used to start the engine if the vehicle's battery is discharged.

You can also call your Toyota dealer or a qualified repair shop.

If you have a set of jumper (or booster) cables and a second vehicle with a 12-volt battery, you can jump start your vehicle by following the steps below.

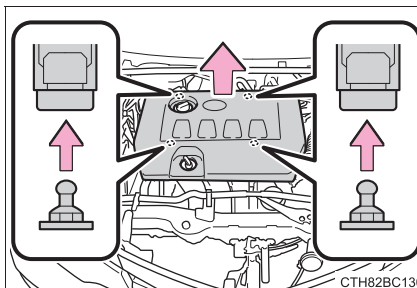
- 1 Confirm that the electronic key (vehicles with a smart entry & start system) or key (vehicles without a smart entry & start system) is being carried.

Vehicles with the alarm: When connecting the jumper (or booster) cables, depending on the situation, the alarm may activate and doors locked. (→P. 64)



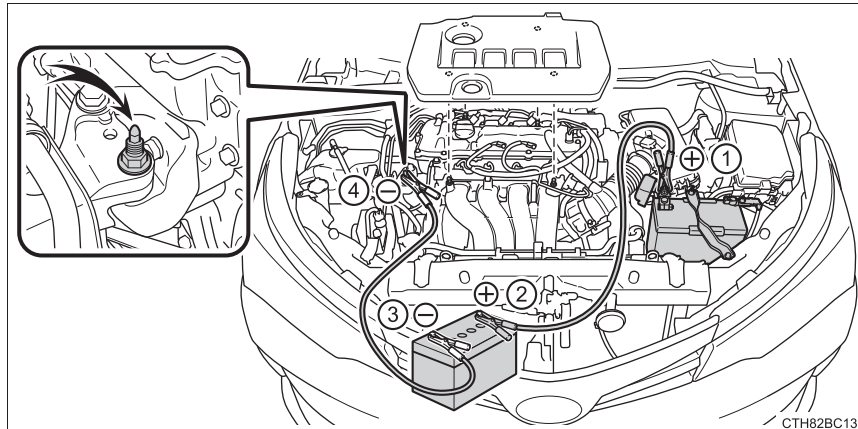
- 2 Open the hood. (→P. 227)
- 3 Remove the engine cover.

Raise the rear of the engine cover to remove the two rear clips, and then raise the front of the engine cover to remove the two front clips.



4 Connect the jumper cables according to the following procedure:

Use jumper cables that can reach the specified terminals and connecting point.



- ① Connect a positive jumper cable clamp to the positive (+) battery 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 metallic point shown in the illustration.
- 5** Start the engine of the second vehicle. Increase the engine speed slightly and maintain at that level for approximately 5 minutes to recharge the battery of your vehicle.
- 6** Vehicles with a smart entry & start system: Open and close any of the doors of your vehicle with the engine switch off.
- 7** Vehicles without a smart entry & start system:
Maintain the engine speed of the second vehicle and turn the engine switch to the "ON" position, then start the vehicle's engine.
- Vehicles with a smart entry & start system:
Maintain the engine speed of the second vehicle and turn the engine switch to IGNITION ON mode, then start the vehicle's engine.

- 8** Once the vehicle's engine has started, remove the jumper cables in the exact reverse order from which they were connected.

Once the engine starts, have the vehicle inspected at your Toyota dealer as soon as possible.

■ **Starting the engine when the battery is discharged (continuously variable transmission)**

The engine cannot be started by push-starting.

■ **To prevent battery discharge**

- Turn off the headlights and the audio system while the engine 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 battery**

The electricity stored in the 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 battery may discharge, and the engine may be unable to start. (The battery recharges automatically during driving.)

■ **When recharging or replacing the battery**

- Vehicles with a smart entry & start system: In some cases, it may not be possible to unlock the doors using the smart entry & start system when the battery is discharged. Use the wireless remote control or the mechanical key to lock or unlock the doors.
- The engine may not start on the first attempt after the battery has recharged but will start normally after the second attempt. This is not a malfunction.
- Vehicles with a smart entry & start system: The engine switch mode is memorized by the vehicle. When the battery is reconnected, the system will return to the mode it was in before the battery was discharged. Before disconnecting the battery, turn the engine switch off.
If you are unsure what mode the engine switch was in before the battery discharged, be especially careful when reconnecting the battery.

**WARNING****■ Avoiding battery fires or explosions**

Observe the following precautions to prevent accidentally igniting the flammable gas that may be emitted from the battery:

- Make sure each jumper cable is connected to the correct terminal and that it is not unintentionally in contact with any other than the intended terminal.
- Do not allow the other end of the jumper cable connected to the “+” terminal to come into contact with any other parts or metal surfaces in the area, such as brackets or unpainted metal.
- Do not allow the + and - clamps of the jumper cables to come into contact with each other.
- Do not smoke, use matches, cigarette lighters or allow open flame near the battery.

■ Battery precautions

The battery contains poisonous and corrosive acidic electrolyte, while related parts contain lead and lead compounds. Observe the following precautions when handling the battery:

- When working with the 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 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 battery.

**NOTICE****■ When handling jumper cables**

When connecting the jumper cables, ensure that they do not become entangled in the cooling fan or engine drive belt.

■ When connecting jumper cables

Make sure to connect jumper cables to the specified terminals and connecting point.

Failure to do so may adversely affect the electronic devices or damage to them.

If your vehicle overheats

The following may indicate that your vehicle is overheating.

- The engine coolant temperature gauge (→P. 70) enters the red zone or a loss of power is experienced.
- Steam comes out from under the hood.

Correction procedures

- 1 Stop the vehicle in a safe place and turn off the air conditioning system, and then stop the engine.
- 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 engine has cooled down sufficiently, inspect the hoses and radiator core (radiator) for any leaks.
- 4 The coolant level is satisfactory if it is between the "FULL" and "LOW" lines on the reservoir.

① Radiator

② Cooling fan

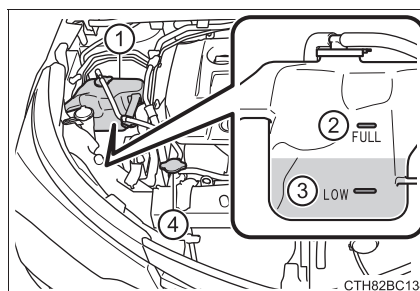
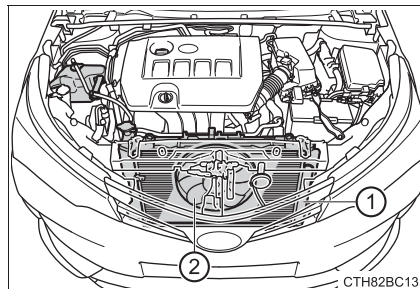
If a large amount of coolant leaks, immediately contact your Toyota dealer.

① Reservoir

② "FULL" line

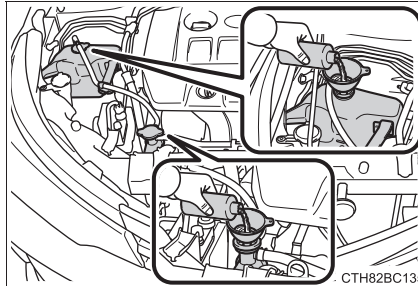
③ "LOW" line

④ Radiator cap



- 5 Add engine coolant if necessary.

Water can be used in an emergency if engine coolant is unavailable.



- 6 Start the engine and turn the air conditioning system on to check that the radiator cooling fan operate and to check for coolant leaks from the radiator or hoses.

The fan operate 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 engine immediately and contact your Toyota dealer.
If the fan is operating:
Have the vehicle inspected at the nearest Toyota dealer.

**WARNING****■ When inspecting under the hood of your vehicle**

Observe the following precautions.

Failure to do so may result in serious injury such as burns.

- If steam is seen coming from under the hood, do not open the hood until the steam has subsided. The engine compartment may be very hot.
- Keep hands and clothing (especially a tie, a scarf or a muffler) away from the fan and belts.
- Do not loosen the radiator cap and the coolant reservoir cap while the engine and radiator are hot.

**NOTICE****■ When adding engine coolant**

Add coolant slowly after the engine has cooled down sufficiently. Adding cool coolant to a hot engine too quickly can cause damage to the engine.

■ 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.

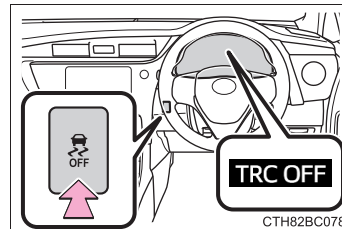
If the vehicle becomes stuck

Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt or snow:

- 1 Stop the engine. Set the parking brake and shift the shift lever to P (continuously variable transmission) or N (manual transmission).
- 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 engine.
- 5 Shift the shift lever to D or R (continuously variable transmission) or 1 or R (manual transmission) and release the parking brake. Then, while exercising caution, depress the accelerator pedal.

■ **When it is difficult to free the vehicle (vehicles with a VSC OFF switch)**

Press  to turn off TRC.



WARNING

■ **When attempting to free a stuck vehicle**

If you choose to push the vehicle back and forth to free it, make sure the surrounding area is clear to avoid striking other vehicles, objects or people. The vehicle may also lunge forward or lunge back suddenly as it becomes free. Use extreme caution.

■ **When shifting the shift lever**

Be careful not to shift the shift lever with the accelerator pedal depressed. This may lead to unexpected rapid acceleration of the vehicle that may cause an accident resulting in death or serious injury.



NOTICE

■ To avoid damaging the transmission and other components

- Avoid spinning the front wheels and depressing the accelerator pedal more than necessary.
- If the vehicle remains stuck even after these procedures are performed, the vehicle may require towing to be freed.

**Vehicle specifications and
other specifications****8****8-1. Specifications**

Maintenance data
(fuel, oil level, etc.).....318

Fuel information.....327

8-2. Customization

Customizable features.....328

8-3. Other specifications

Toyota parking
assist-sensor 334

USB charging ports.....340

Maintenance data (fuel, oil level, etc.)

Dimensions

Overall length		4685 mm (184.4 in.)
Overall width		1775 mm (69.8 in.)
Overall height ^{*1}		1475 mm (58.1 in.)
Wheelbase		2700 mm (106.3 in.)
Tread	Front	1525 mm (60.0 in.) ^{*2} 1515 mm (59.6 in.) ^{*3}
	Rear	1535 mm (60.4 in.) ^{*2} 1520 mm (59.8 in.) ^{*3}

^{*1}: Unladen vehicles

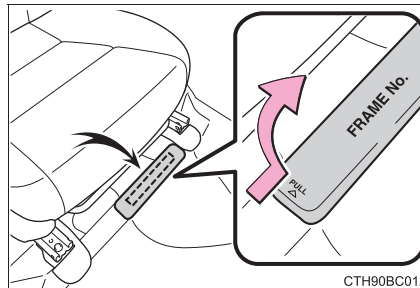
^{*2}: Vehicles with 195/65R15 tires

^{*3}: Vehicles with 205/55R16 tires

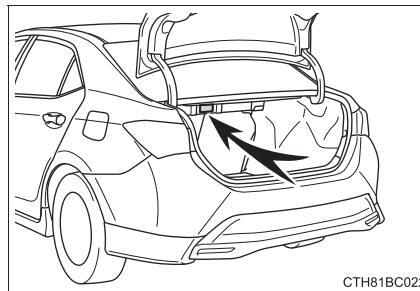
Vehicle identification**■ Vehicle identification number**

The vehicle identification number (VIN) is the legal identifier for your vehicle. This is the primary identification number for your Toyota. It is used in registering the ownership of your vehicle.

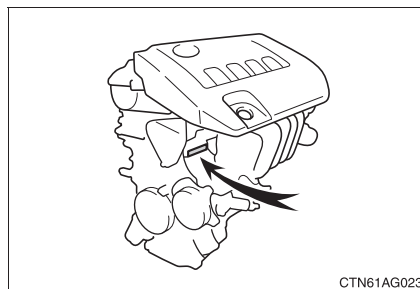
This number is stamped under the right-hand front seat.



This number is also shown on the upper part of the trunk.

**■ Engine number**

The engine number is stamped on the engine block as shown.



Engine

Model	1ZR-FE, 2ZR-FE
Type	4-cylinder in line, 4-cycle, gasoline
Bore and stroke	▶ 1ZR-FE engine 80.5 × 78.5 mm (3.17 × 3.09 in.) ▶ 2ZR-FE engine 80.5 × 88.3 mm (3.17 × 3.48 in.)
Displacement	▶ 1ZR-FE engine 1598 cm ³ (97.5 cu.in.) ▶ 2ZR-FE engine 1798 cm ³ (109.7 cu.in.)
Valve clearance (engine cold)	Automatic adjustment
Drive belt tension	Automatic adjustment

Fuel

Fuel type	Unleaded gasoline only
Research octane number	91 or higher
Gasoline fuel tank capacity (Reference)	55 L (14.5 gal., 12.1 Imp. gal.)

Lubrication system

Oil capacity (Drain and refill — reference*)	
▶ Without filter	3.9 L (4.1 qt., 3.4 Imp. qt.)
▶ With filter	4.2 L (4.4 qt., 3.7 Imp. qt.)

*: The engine oil capacity is a reference quantity to be used when changing the engine oil. When actually adding the engine oil, make sure that the oil level is between the low level mark and refill upper limit mark (→P. 233). Warm up and turn off the engine, wait about 5 minutes, and check the oil level on the dipstick.

■ Engine oil selection

“Toyota Genuine Motor Oil” is used in your Toyota vehicle. Use Toyota approved “Toyota Genuine Motor Oil” or equivalent to satisfy the following grade and viscosity.

Oil grade:

5W-30 and 10W-30:

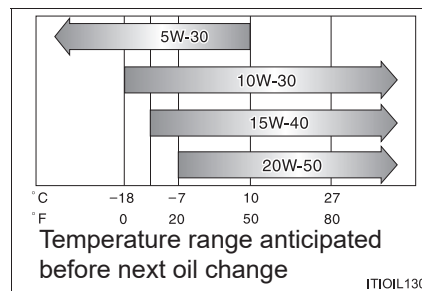
API grade SL “Energy-Conserving”, SM “Energy-Conserving” or SN “Resource-Conserving”; or ILSAC multigrade engine oil

15W-40 and 20W-50:

API grade SL, SM or SN multigrade engine oil

Recommended viscosity (SAE):

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 5W-30 engine oil is recommended.



Oil viscosity (10W-30 is explained here as an example):

- The 10W in 10W-30 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 30 in 10W-30 indicates the viscosity characteristic of the oil when the oil is at high temperature.

How to read oil container labels:

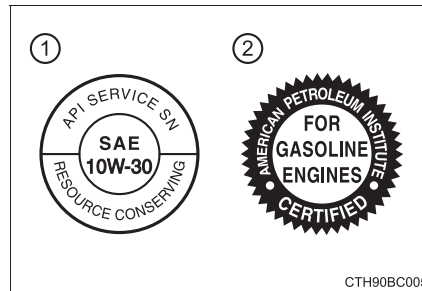
Either or both API registered marks are added to some oil containers to help you select the oil you should use.

① API Service Symbol

Top portion: "API SERVICE SN" means the oil quality designation by American Petroleum Institute (API).

Center portion: "SAE 10W-30" 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	5.5 L (5.8 qt., 4.8 Imp. qt.)
Coolant type	Use either of the following: • “Toyota Super Long Life Coolant” • Similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology Do not use plain water alone.

Ignition system

Spark plug	
Make	DENSO SC20HR11 DENSO SC16HR11
Gap	1.1 mm (0.043 in.)

**NOTICE****■ Iridium-tipped spark plugs**

Use only iridium-tipped spark plugs. Do not adjust the spark plug gap.

Electrical system

Battery	
Specific gravity reading at 20°C (68°F):	1.25 or more If the specific gravity is lower than the standard value, charge the battery.
Charging rates	
Quick charge	15 A max.
Slow charge	5 A max.

Continuously variable transmission

Fluid capacity*	7.5 L (7.9 qt., 6.6 Imp. qt.)
Fluid type	Toyota Genuine CVTF FE

*: The fluid capacity is a reference quantity.

If replacement is necessary, contact your Toyota dealer.



NOTICE

Continuously variable transmission fluid type

Using continuously variable transmission fluid other than the above type may cause abnormal noise or vibration, or damage the continuously variable transmission of your vehicle.

Manual transmission

Gear oil capacity (Reference)	2.4 L (2.5 qt., 2.1 Imp. qt.)
Gear oil type	"TOYOTA Genuine Manual Transmission Gear Oil LV GL-4 75W" or equivalent



NOTICE

Manual transmission gear oil type

- Please be aware that depending on the particular characteristics of the gear oil used or the operating conditions, idle sound, shift feeling and/or fuel efficiency may be different or affected and, in the worst case, damage to the vehicle's transmission. Toyota recommends to use "TOYOTA Genuine Manual Transmission Gear Oil LV GL-4 75W" to achieve optimal performance.
- Your Toyota vehicle is filled with "TOYOTA Genuine Manual Transmission Gear Oil LV GL-4 75W" at the factory. Use Toyota approved "TOYOTA Genuine Manual Transmission Gear Oil LV GL-4 75W" or an equivalent oil of matching quality that satisfies the above specifications. Please contact your Toyota dealer for further details.

Clutch

Pedal free play	5 — 15 mm (0.2 — 0.6 in.)
Fluid type	SAE J1703 or FMVSS No.116 DOT 3 SAE J1704 or FMVSS No.116 DOT 4

Brakes

Pedal clearance ^{*1}	71 mm (2.80 in.) Min.
Pedal free play	1 — 6 mm (0.04 — 0.24 in.)
Parking brake lever travel ^{*2}	6 — 9 clicks
Fluid type	SAE J1703 or FMVSS No.116 DOT 3 SAE J1704 or FMVSS No.116 DOT 4

^{*1}: Minimum pedal clearance when depressed with a force of 300 N (30.6 kgf, 67.4 lbf) while the engine is running

^{*2}: Parking brake lever travel when pulled up with a force of 200 N (20.4 kgf, 45.0 lbf)

Steering

Free play	Less than 30 mm (1.2 in.)
-----------	---------------------------

Tires and wheels

Tire size	195/65R15 91H, 205/55R16 91V
Tire inflation pressure (Recommended cold tire inflation pressure)	► 195/65R15 91H 210 kPa (2.1 kgf/cm ² or bar, 30 psi) ► 205/55R16 91V Front: 250 kPa (2.5 kgf/cm ² or bar, 36 psi) Rear: 230 kPa (2.3 kgf/cm ² or bar, 33 psi)
Wheel size	15 × 6 J, 16 × 6 1/2 J
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

Light bulbs

	Light Bulbs	W	Type
Exterior	Headlights (bulb type)		
	Low beam	55	A
	High beam	60	B
	Front fog lights (bulb type) ^{*3}	19	C
	Front turn signal lights	21	E
	Side turn signal lights	5	E
	Rear turn signal lights	21	E
	Back-up lights	16	D
Interior	Rear fog light ^{*3}	16	D
	License plate lights	5	D
	Vanity lights ^{*3}	5	F
	Interior light	8	F
	Front personal lights	8 ^{*1} or 5 ^{*2}	D
	Rear personal lights ^{*3}	8	D
	Trunk light	3.8	D

A: H11 halogen bulbs

B: HB3 halogen bulbs

C: H16 halogen bulbs

D: Wedge base bulbs (clear)

E: Wedge base bulbs (amber)

F: Double end bulbs

^{*1}: Vehicles without an auxiliary box on the ceiling^{*2}: Vehicles with an auxiliary box on the ceiling^{*3}: If equipped

Fuel information

You must only use unleaded gasoline.

Select unleaded gasoline with a Research Octane Number of 91 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 your Toyota dealer.
- You may occasionally notice light knocking for a short time while accelerating or driving uphill. This is normal and there is no need for concern.



NOTICE

■ Notice on fuel quality

- Do not use improper fuels. If improper fuels are used, the engine will be damaged.
- Do not use gasoline with metallic additives, for example manganese, iron or lead, otherwise it may cause damage on your engine or emission control system.
- Do not add aftermarket fuel additives which contain metallic additives.
- Do not use the methanol blended gasoline such as M15, M85, M100. The use of gasoline containing methanol may cause engine damage or failure.

Customizable features

Your vehicle includes a variety of electronic features that can be personalized to suit your preferences. Programming these preferences requires specialized equipment and may be performed by your Toyota dealer.

Some function settings are changed simultaneously with other functions being customized. Contact your Toyota dealer for further details.

Customizable Features

■ Gauges, meters and multi-information display (→P. 72)

- ① Settings that can be changed by the meter control switches
- ② Settings that can be changed by your Toyota dealer for further details

Definition of symbols: O = Available, — = Not available

Function ^{*2}	Customized setting	①	②
Units	• km (km/L) • km (L/100 km)	O	—
Eco Driving Indicator Light ^{*1}	• On (Self-lighting) • Off	O	O
 switch settings	Desired status screen ^{*3}	O	—
Drive information 1	*4	O	—
		O	—
Drive information 2	*4	O	—
		O	—

Function ^{*2}	Customized setting	①	②
Accent color	• Light blue • Blue • Orange • Yellow	O	—

- *1: If equipped

*2: For details about each function: →P. 74

*3: Some status screens cannot be registered.

*4: 2 of the following items: current fuel consumption, average fuel economy (after reset), average fuel economy (after refuel), average fuel economy (after start), average vehicle speed (after reset), average vehicle speed (after start), distance (driving range), elapsed time (after reset), elapsed time (after start), distance (after start), blank.

■ Power door lock (→P. 84, 93)

Function	Customized setting
Speed-detecting automatic door lock function*	• On • Off
Opening driver's door unlocks all doors*	• On • Off
Shifting gears to P unlocks all doors.*	• On • Off
Shifting gears to position other than P locks all doors.*	• On • Off
Locking/unlocking of the trunk when all doors are locked/unlocked*	• On • Off

*: If equipped

■ Smart entry & start system*¹ and wireless remote control (→P. 84, 93)

Function	Customized setting
Operation signal (buzzer)* ²	• On • Off
Operation buzzer volume	• 1 to 7 • Off
Operation signal (emergency flashers)	• On • Off
Time elapsed before automatic door lock function is activated if door is not opened after being unlocked	• 30 seconds • 60 seconds • 120 seconds
Open door warning buzzer (when locking the vehicle)* ²	• On • Off

*¹: If equipped

*²: Vehicles with a smart entry & start system

■ Smart entry & start system* (→P. 84, 93, 97)

Function	Customized setting
Smart entry & start system	• On • Off
Number of permissible times of continuous smart lock	• Twice • Unlimited

*: If equipped

■ Wireless remote control (→P. 80, 84, 93)

Function	Customized setting
Wireless remote control	• On • Off
Trunk unlocking operation	• One short press • Push twice • Press and hold (short) • Press and hold (long) • Off
Panic function*	• On • Off

*: If equipped

■ Automatic air conditioning system* (→P. 184)

Function	Customized setting
Switching between outside air and recirculated air mode linked to "AUTO" switch operation	• On • Off
Air conditioning "AUTO" switch operation	• On • Off

*: If equipped

■ Illumination (→P. 191)

Function	Customized setting
Time elapsed before the interior lights turn off	• 7.5 seconds • 15 seconds • 30 seconds
Operation after the engine switch is turned off	• On • Off
Operation when the doors are unlocked*	• On • Off
Operation when you approach the vehicle with the electronic key on your person*	• On • Off

*: If equipped

■ **Vehicle customization**

When the doors remain closed after unlocking the doors and the timer activated automatic door lock function activates, signals will be generated in accordance with the operational signal (Emergency flashers) function settings.

 WARNING

■ **During customization**

As the engine needs to be running 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

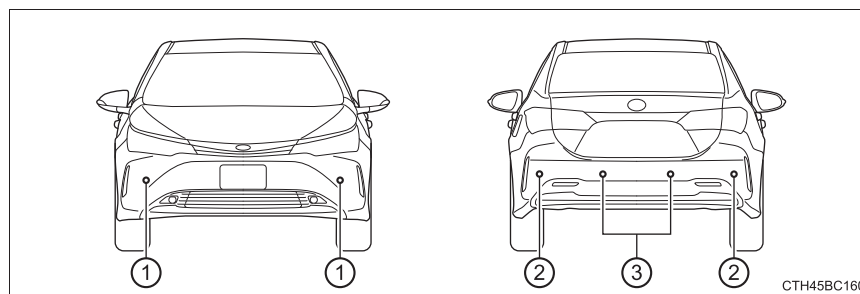
■ **During customization**

To prevent battery discharge, ensure that the engine is running while customizing features.

Toyota parking assist-sensor*

The distance to obstacles measured by the sensors is communicated via a buzzer when parallel parking or maneuvering into a garage. Always check the surrounding area when using this system.

■ Types of sensors



① Front corner sensors

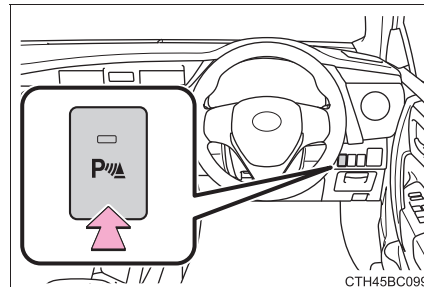
③ Rear center sensors

② Rear corner sensors

■ Toyota parking assist-sensor switch

Turns Toyota parking assist-sensor on/off

When on, the indicator light comes on to inform the driver that the system is operational.



■ Toyota parking assist-sensor buzzer

When a sensor detects an obstacle, a buzzer will sound. When more than one sensor detects an obstacle, the buzzer will sound to the level of the sensor detecting the obstacle most closely.

*: If equipped

System operation**■ Corner sensors**

Approximate distance to obstacle	Buzzer
60 to 45 cm (2.0 to 1.5 ft.)	Intermittent
45 to 35 cm (1.5 to 1.1 ft.)	Fast intermittent
Less than 35 cm (1.1 ft.)	Continuously

■ Rear center sensors

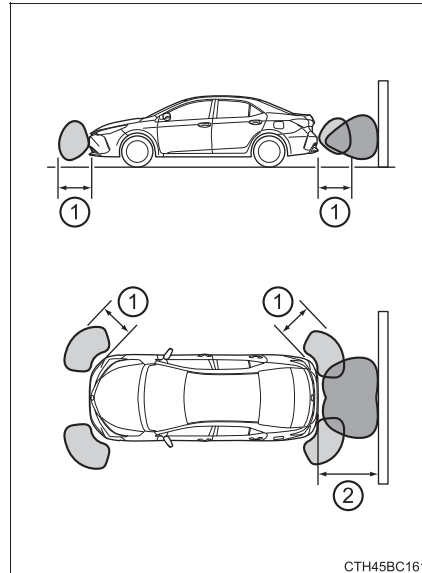
Approximate distance to obstacle	Buzzer
100 to 60 cm (3.3 to 2.0 ft.)	Intermittent
60 to 40 cm (2.0 to 1.3 ft.)	Fast intermittent
Less than 40 cm (1.3 ft.)	Continuously

Detection range of the sensors

- ① Approximately 60 cm (2.0 ft.)
- ② Approximately 100 cm (3.3 ft.)

The diagram shows the detection range of the sensors. Note that the sensors cannot detect obstacles that are extremely close to the vehicle.

The range of the sensors may change depending on the shape of the object etc.



■ Rear corner and rear center sensors can be operated only when

The shift lever is in R and vehicle speed is approximately 15 km/h (9 mph) or less.

■ Front corner sensors can be operated when

The shift lever is in any position and vehicle speed is approximately 15 km/h (9 mph) or less.

■ Sensor detection information

- The detection range of the sensors is limited to the corners of the vehicle and the area around the rear bumper.
- An obstacle too close to a sensor may not be detected.
- When an obstacle is detected, it may take some time before the buzzer sounds. Therefore, the vehicle may come within 35 cm (1.1 ft.) of the obstacle before the buzzer operate even if the vehicle is approaching it at an extremely low speed.
- Even if an obstacle which is located lower than the sensors or a thin obstacle such as a thin pole is detected once, it may suddenly not be detected as the vehicle further approaches the obstacle.
- While the audio or air conditioning system is in use, it may be difficult to hear the buzzers due to the audio system sound or fan noise.
- Certain vehicle conditions and the surrounding environment may affect the ability of the sensor to correctly detect obstacles. Particular instances where this may occur are listed below.
 - There is dirt, snow or ice on the sensor.
 - A sensor is frozen.
 - A sensor is covered in any way.
 - The vehicle is leaning considerably to one side.
 - On an extremely bumpy road, on an incline, on gravel, or on grass.
 - The vicinity of the vehicle is noisy due to vehicle horns, motorcycle engines, air brakes of large vehicles, or other loud noises producing ultrasonic waves.
 - There is another vehicle equipped with parking assist sensors in the vicinity.
 - A sensor is coated with a sheet of spray or heavy rain.
 - The vehicle is equipped with a fender pole or wireless antenna.
 - An obstacle is beneath the bumper.
 - An obstacle is too close to a sensor.
 - A bumper or sensor receives a strong impact.
 - The vehicle is approaching a tall or curved curb.
 - In harsh sunlight or intense cold weather.
 - A non-genuine Toyota suspension (lowered suspension etc.) is installed.

In addition to the examples above, there are instances in which, because of their shapes, signs and other objects may be judged by the sensor to be closer than they are.

- The shape of the obstacle may prevent the sensor from detecting it. Pay particular attention to the following obstacles:

- Wires, fences, ropes, etc.
- Cotton, snow and other materials that absorb sound waves
- Sharply-angled objects
- Low obstacles
- Tall obstacles with upper sections projecting outwards in the direction of your vehicle
- A person may not be detected depending on the type of clothing they are wearing.

■ Possible system malfunction

If a buzzer sounds even though obstacles are not present, first check that the sensor is not covered with dirt or anything else. If it is dirty, clean the sensor.

If the sensor is clean and the buzzer still sounds, there may be a malfunction in the parking assist-sensor system. Have the vehicle inspected by your Toyota dealer.



WARNING

■ Caution when using the Toyota parking assist-sensor

Observe the following precautions.

Failing to do so may result in the vehicle being unable to be driven safely and possibly cause an accident.

- The Toyota parking assist-sensor is intended as an aid to assist you to park and is not a substitute for your personal judgment. Make your driving decisions based on your observations.
- Do not use the sensor at speeds in excess of 15 km/h (9 mph).
- Do not attach any accessories within the sensor range.

**NOTICE**

■ **To ensure the system can operate properly**

Observe the following precautions.

Failing to do so may result in the vehicle being unable to be driven safely and possibly cause an accident.

- Do not damage the sensors, and always keep them clean.
- Do not attach a sticker or install an electronic component, such as a backlit license plate (especially fluorescent type), fog lights, fender pole or wireless antenna near a radar sensor.
- Do not subject the surrounding area of the sensor to a strong impact. If subjected to an impact, have the vehicle inspected by your Toyota dealer. If the front or rear bumper needs to be removed/installed or replaced, contact your Toyota dealer.
- Do not modify, disassemble or paint the sensors.
- Do not attach a license plate cover.
- Keep your tires properly inflated.

■ **Notes when washing the vehicle**

Do not apply intensive bursts of water or steam to the sensor area.

Doing so may result in the sensor malfunctioning.

- When using a high pressure washer to wash the vehicle, do not spray the sensors directly, as doing so may cause a sensor to malfunction.
- When using steam to clean the vehicle, do not direct steam too close to the sensors as doing so may cause a sensor to malfunction.

USB charging ports

The USB Type-A/Type-C charging ports are used to supply electricity to external devices.

Use the appropriate terminal according to the type of charging port.

The maximum output per port is 18W for USB Type-A and 27W for USB Type-C.

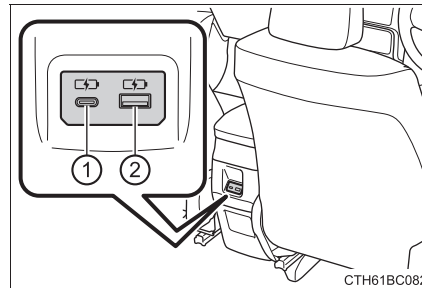
When both ports are used simultaneously, the maximum output is 7.5W for USB Type-A and 12W for USB Type-C.

The USB charging ports are for charging only. They are not designed for data transfer or other purposes.

Depending on the external device, it may not charge properly. Refer to the manual included with the device before using a USB charging port.

Using the USB charging ports

- ① USB Type-C charging port
- ② USB Type-A charging port



■ The USB charging ports can be used when

- ▶ Vehicles without a smart entry & start system
The engine switch is in the “ACC” or “ON” position.
- ▶ Vehicles with a smart entry & start system
The engine switch is in ACCESSORY or IGNITION ON mode.

■ Situations in which the USB charging ports may not operate correctly

- When a device requiring 18W or more (USB Type-A) or 27W or more (USB Type-C) power consumption is connected
- When devices requiring 7.5W or more (USB Type-A) and 12W or more (USB Type-C) power consumption are connected to both ports simultaneously
- If a device designed to communicate with a personal computer, such as a USB memory device, is connected
- If the connected external device is turned off (depending on device)
- If the temperature inside the vehicle is high, such as after the vehicle has been parked in the sun

■ About connected external devices

Depending on the connected external device, charging may occasionally be suspended and then start again. This is not a malfunction.

■ About the use of a USB cable

The use of a certified high-quality USB Type-C and USB Type-A cable, which supports fast charging, is recommended.



NOTICE

■ To prevent damage to the USB charging ports

- Do not insert foreign objects into the ports.
- Do not spill water or other liquids into the ports.
- Do not apply excessive force to or impact the USB charging ports.
- Do not disassemble or modify the USB charging ports.

■ To prevent damage to external devices

- Do not leave external devices in the vehicle. The temperature inside the vehicle may become high, resulting in damage to an external device.
- Do not push down on or apply unnecessary force to an external device or the cable of an external device while it is connected.

■ To prevent battery discharge

Do not use the USB charging ports for a long period of time with the engine stopped.

Index

What to do if...	
(Troubleshooting)	344
Alphabetical index	349

What to do if... (Troubleshooting)

If you have a problem, check the following before contacting your Toyota dealer.

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 your Toyota dealer. (→P. 82)



The doors cannot be locked or unlocked

- Is the key battery weak or depleted? (→P. 251)
- Vehicles with a smart entry & start system:
Is the engine switch in IGNITION ON mode?
When locking the doors, turn the engine switch off. (→P. 141)
- 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. 91)



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. 88)



The trunk lid is closed with the electronic key left inside (vehicles with a smart entry & start system)

- The function to prevent the electronic key from being left inside the trunk will operate and you can open the trunk as usual. Take the key out from the trunk. (→P. 94)

If you think something is wrong**The engine does not start
(vehicles without a smart entry & start system)**

- Vehicles with a manual transmission:
Do you turn the key with the clutch pedal depressed firmly?
(→P. 138)
- Vehicles with a continuously variable transmission:
Is the shift lever in P? (→P. 138)
- Is the steering wheel unlocked? (→P. 138)
- Is the battery discharged? (→P. 308)

**The engine does not start
(vehicles with a smart entry & start system)**

- Did you press the engine switch while firmly depressing the brake pedal?
(→P. 140)
- Is the shift lever in P? (→P. 142)
- Is the electronic key anywhere detectable inside the vehicle? (→P. 98)
- Is the steering wheel unlocked? (→P. 143)
- Is the electronic key battery weak or depleted?
In this case, the engine can be started in a temporary way. (→P. 306)
- Is the battery discharged? (→P. 308)



The shift lever cannot be shifted from P even if you depress the brake pedal (vehicles with a continuously variable transmission)

- Vehicles without a smart entry & start system:
Is the engine switch in the "ON" position?
If you cannot release the shift lever by depressing the brake pedal with the engine switch in the "ON" position. (→P. 149)
- Vehicles with a smart entry & start system:
Is the engine switch in IGNITION ON mode?
If you cannot release the shift lever by depressing the brake pedal with the engine switch in IGNITION ON mode. (→P. 149)



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 engine switch. (→P. 139)
- Vehicles with a smart entry & start system:
It is locked automatically to prevent theft of the vehicle. (→P. 143)



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. 116)



The engine 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 IGNITION ON mode (the engine is not running) for a period of time. (→P. 142)

**A warning buzzer sounds during driving**

- The seat belt reminder light is flashing
Is the driver or front passenger wearing the seat belt? (→P. 284)
 - The brake system warning light is on
Is the parking brake released? (→P. 153)
- Depending on the situation, other types of warning buzzer may also sound.
(→P. 283, 286)

**A warning buzzer sounds when leaving the vehicle
(vehicles with a smart entry & start system)**

- Is the electronic key left inside the vehicle?
Check the message on the multi-information display. (→P. 286)

**A warning light turns on or a warning message or indicator is displayed**

- When a warning light turns on or a warning message or indicator is displayed, refer to P. 283, 286.

When a problem has occurred**If you have a flat tire**

- Stop the vehicle in a safe place and replace the flat tire with the spare tire. (→P. 295)

**The vehicle becomes stuck**

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P. 315)

Alphabetical index

A

A/C	178, 184
Air conditioning filter.....	249
ABS	
(Anti-lock Brake System)	169
Function	169
Warning light.....	284
Air conditioning filter	249
Air conditioning	
system	178, 184
Air conditioning filter.....	249
Airbag	33
Airbag operating conditions	38
Airbag precautions for	
your child	35
Airbag warning light	284
Correct driving posture.....	26
General airbag precautions.....	35
Locations of airbag.....	33
Modification and	
disposal of airbag	37
SRS airbags.....	33
Alarm	63
Anchor brackets	51
Antennas (smart entry &	
start system)	97
Anti-lock Brake System	
(ABS)	169
Function	169
Warning light.....	284
Armrest	204
Assist grips	204
Audio system	
Steering wheel audio	
switch.....	203
Auxiliary boxes	199

B

Back-up lights	
Replacing light bulb	267
Wattage	326
Battery	237
Battery checking	237
If the vehicle has discharged	
battery	308
Preparing and checking	
before winter.....	173
Warning light.....	283, 286
Bottle holders	196
Brake	
Parking brake.....	153
Warning light.....	283
Brake assist	169
Break-in tips	127
Brightness control	
Meter light control	71

C

Care.....	206, 211
Exterior.....	206
Interior.....	211
Seat belts.....	212
Wheels and wheel ornaments.....	207
Chains.....	174
Child restraint system.....	41
Baby seats (infant seats), definition.....	41
Baby seats (infant seats), installation.....	52
Child seats (convertible seats), definition.....	41
Child seats (convertible seats), installation.....	52
Installing CRS with ISOFIX rigid anchors.....	55
Installing CRS with seat belts.....	52
Installing CRS with top strap...	56
Junior seats (booster seats), definition.....	41
Junior seats (booster seats), installation.....	54
Child safety.....	40
Airbag precautions.....	35
Battery precautions.....	216, 239
Child restraint system.....	41
How your child should wear the seat belt.....	30

Installing child restraints.....	51
Moon roof precautions.....	122
Power window lock switch	116
Power window precautions ...	118
Rear door child-protectors.....	88
Removed wireless remote control/electronic key battery precautions.....	255
Seat belt precautions.....	32
Trunk precautions.....	95
Child-protectors.....	88
Cleaning.....	206, 211
Exterior.....	206
Interior.....	211
Seat belts.....	212
Wheels and wheel ornaments.....	207
Clock.....	200
Condenser.....	237
Console box.....	195
Continuously variable transmission.....	145
If the shift lever cannot be shifted from P.....	149
M mode.....	147
Cooling system.....	237
Engine overheating.....	312
Cruise control.....	165
Cup holders.....	197
Customizable features.....	328

D

Daytime running light system	155
Defogger	
Rear window	180, 187
Dimensions	318
Display	
Multi-information display	72
Trip information	70
Warning message	286
Do-it-yourself maintenance	215
Door lock	
Doors	84
Smart entry & start system.....	97
Wireless remote control	84
Doors	84
Door lock.....	84
Door windows	116
Open door warning buzzer....	287
Open door warning message	287
Outside rear view mirrors.....	113
Rear door child-protector	88
Driving	124
Break-in tips	127
Correct posture	26
Procedures.....	124
Winter drive tips	173

E

Eco Driving Indicator	76
Electric Power Steering (EPS)	169
Function	169
Warning light.....	284
Electronic key	80
Battery-saving function	99
If the electronic key does not operate properly	306
Replacing the battery	251
Emergency flashers	272
Emergency, in case of	
If a warning buzzer sounds.....	283
If a warning light turns on.....	283
If a warning message or indicator is displayed	286
If the battery is discharged....	308
If the electronic key does not operate properly	306
If the engine will not start.....	304
If the vehicle is submerged or water on the road is rising.....	275
If you have a flat tire	295
If you think something is wrong.....	281
If your vehicle becomes stuck.....	315
If your vehicle has to be stopped in an emergency ...	273
If your vehicle needs to be towed.....	276
If your vehicle overheats.....	312

Engine	320
ACCESSORY mode	141
Compartment	230
Engine switch.....	138, 140
Hood	227
How to start the engine.....	138, 140
Identification number.....	319
If the engine will not start	304
Ignition switch (engine switch)	138, 140
Overheating	312
Engine coolant	235
Capacity	323
Checking	235
Preparing and checking before winter.....	173
Engine coolant temperature gauge	70
Engine immobilizer system	61
Engine oil	231
Capacity	320
Checking	231
Oil pressure warning light.....	283
Preparing and checking before winter.....	173
Engine switch	138
EPS	
(Electric Power Steering)	169
Function	169
Warning light.....	284
Event data recorder	8

F

Flat tire	295
Floor mats	24
Fluid	
Continuously variable transmission	324
Manual transmission	324
Washer	241
Fog lights	157
Replacing light bulbs.....	263
Switch	157
Wattage	326
Front fog lights	157
Replacing light bulbs.....	263
Switch	157
Wattage	326
Front interior light	193
Front position lights	154
Light switch	154
Replacing light bulbs.....	269
Front seats	104
Adjustment.....	104
Cleaning.....	211
Correct driving posture	26
Head restraints	107
Front turn signal lights	152
Replacing light bulbs.....	265
Turn signal lever	152
Wattage	326
Fuel	162
Capacity	320
Fuel gauge.....	70
Fuel pump shut off system....	282
Information.....	327
Refueling.....	162
Type.....	320, 327
Warning light.....	284
Fuel filler door	162
Refueling.....	162
Fuel pump shut off system	282
Fuses	256

G

Gauges	70
Glove box	195

H

Head restraints	107
Headlights	154
Light switch	154
Replacing light bulbs.....	260, 262
Wattage.....	326
Hood	227
Hooks	
Retaining hooks (floor mat).....	24
Horn	109

I

Identification	319
Engine.....	319
Vehicle	319
Ignition switch	
(engine switch)	138, 140
Illuminated entry system	193
Immobilizer system	61
Indicators	68
Initialization	
Moon roof.....	121
Power windows	117
Inside rear view mirror	111
Interior lights	193
ISOFIX rigid anchors	51

J

Jack	
Positioning the jack.....	229
Vehicle-equipped jack.....	295
Jack handle	295
Jam protection function	
Moon roof.....	120
Power window.....	117

K

Keyless entry	81
Smart entry & start system	97
Wireless remote control	81
Keys	80
Battery-saving function	99
Electronic key	80
Engine switch.....	138, 140
If the electronic key does	
not operate properly	306
Key number plate.....	80
Keyless entry	81
Mechanical key	81
Replacing the battery	251
Warning buzzer.....	98
Warning message.....	289
Wireless remote control	
key.....	81

L

Lever

- Auxiliary catch lever 227
- Fuel filler door opener
 lever 162
- Hood lock release lever 227
- Shift lever 145, 150
- Tilt and telescopic steering
 lock release lever 109
- Trunk opener lever 93
- Turn signal lever 152
- Wiper lever 159

License plate lights 154

- Light switch 154
- Replacing light bulbs 268
- Wattage 326

Light bulbs

- Replacing 259
- Wattage 326

Lights

- Fog light switch 157
- Headlight switch 154
- Illuminated entry system 193
- Interior light 193
- Interior lights list 191
- Personal lights 192
- Replacing light bulbs 259
- Trunk light 94
- Turn signal lever 152
- Vanity lights 192
- Wattage 326

Lock steering column 139

M

Maintenance

- Do-it-yourself maintenance ... 224
- Maintenance data 318
- Maintenance requirements ... 214
- Scheduled maintenance 217

Malfunction indicator lamp 283

Manual air conditioning

system 178

Manual transmission 150

Master warning light 284

Meter 70

- Indicators 68
- Meters 70
- Multi-information display 70
- Warning lights 67

Meter light control 71

Mirrors

- Inside rear view mirror 111
- Outside rear view mirrors 113
- Vanity mirrors 200

Moon roof 119

- Jam protection function 120
- Operation 119
- Warning message 288

Multi-information display 72

- Customizing vehicle
 features 74
- Switching the display 71
- Trip information 70
- Warning message 286

O

Odometer	70
Oil	
Engine oil	231, 320
Opener	
Fuel filler door	162
Hood	227
Trunk	93
Outside rear view mirrors	113
Outside temperature display	201
Overheating, Engine	312

P

Paddle shift switches	147
Parking brake	153
Operation	153
Parking brake engaged	
warning buzzer ...	153, 283, 287
Parking brake engaged	
warning message	287
Personal lights	192
Power outlets	202
Power steering	169
Warning light	284
Power windows	116
Jam protection function	117
Operation	116
Window lock switch	116

R

Radiator	237
Rear fog lights	157
Replacing light bulbs	267
Switch	157
Rear interior light	193
Rear seat	105
Rear turn signal lights	152
Replacing light bulbs	266
Turn signal lever	152
Wattage	326
Rear view mirror	
Inside rear view mirror	111
Outside rear view mirrors	113
Refueling	162
Capacity	320
Fuel types	320, 327
Opening the fuel tank	
cap	164
Replacing	
Fuses	256
Light bulbs	259
Tires	295
Wireless remote control/	
electronic key battery	251

S

Schedule maintenance	217
Seat belt reminder light	284
Seat belts	28
Adjusting the seat belt.....	29
Child restraint system	
installation.....	52
Cleaning and maintaining	
the seat belt.....	212
Emergency Locking Retractor	
(ELR).....	30
How to wear your seat belt.....	28
How your child should wear	
the seat belt.....	30
Pregnant women, proper	
seat belt use.....	31
Reminder light and buzzer.....	284
Seat belt pretensioners.....	29
SRS warning light.....	284
Seats	104
Adjustment.....	104, 105
Adjustment precautions.....	104
Child seats/child restraint	
system installation.....	51
Cleaning.....	211
Folding down.....	105
Head restraints.....	107
Properly sitting in the seat.....	26
Sensor	
Rain-sensing windshield	
wipers.....	161
Toyota parking	
assist-sensor.....	334
Shift lever	145, 150
Continuously variable	
transmission.....	145
If the shift lever cannot	
be shifted from P.....	149
Manual transmission.....	150

Shift lock system	148
Side mirrors	113
Adjusting and folding.....	113
Side turn signal lights	152
Turn signal lever.....	152
Wattage.....	326
Side windows	116
Smart entry & start system	97
Antenna location.....	97
Entry functions.....	84, 94
Starting the engine.....	140
Warning message.....	289
Snow tires	175
Spare tire	295
Inflation pressure.....	325
Storage location.....	296
Spark plug	323
Specifications	318
Speedometer	70
Sport mode	146
Steering lock	
Column lock release.....	139, 143
Steering lock system warning	
message.....	293
Steering wheel	109
Adjustment.....	109
Audio switches.....	203
Stop lights	
Replacing light bulbs.....	266
Storage feature	194
Stuck	
If the vehicle becomes	
stuck.....	315
Sun visors	200

Switches

Audio remote control	
switches.....	203
Cruise control switch.....	165
Door lock switches.....	87
Emergency flashers	
switch.....	272
Engine switch.....	138
Fog light switch.....	157
Headlight switch.....	154
Ignition switch.....	138, 140
Light switches.....	154
Meter control switches.....	72
Moon roof switches.....	119
Outside rear view mirror	
switches.....	113
Paddle shift switches.....	147
Power door lock switch.....	87
Power window switches.....	116
Sport mode switch.....	146
Toyota parking	
assist-sensor.....	334
VSC OFF switch.....	170
Window lock switch.....	116
Windshield wiper and	
washer switch.....	159

T

Tachometer.....	70
Tail lights.....	154
Light switch.....	154
Replacing light bulbs.....	267
Wattage.....	326
Theft deterrent system	
Alarm.....	63
Engine immobilizer system.....	61

Tire inflation pressure..... 245

Maintenance data.....	325
-----------------------	-----

Tires..... 242

Chains.....	174
Checking.....	242
If you have a flat tire.....	295
Inflation pressure.....	245
Replacing.....	295
Rotating tires.....	243
Size.....	325
Snow tires.....	175
Spare tire.....	295

Tools..... 296**Towing..... 137**

Emergency towing.....	276
-----------------------	-----

Toyota parking

assist-sensor.....	334
--------------------	-----

Traction Control (TRC)..... 169**Transmission..... 145, 150****TRC (Traction Control)..... 169****Trip information..... 70****Trip meters..... 70****Trunk..... 93**

Smart entry & start system.....	94
Trunk light.....	94
Trunk opener.....	93
Wireless remote control.....	93

Trunk light

Trunk light.....	94
Wattage.....	326

Turn signal lights..... 152

Replacing light	
bulbs.....	265, 266
Turn signal lever.....	152
Wattage.....	326

U

USB port 340

V

Vanity lights 192

Wattage..... 326

Vanity mirrors 200

Vehicle identification

number 319

Vehicle Stability Control

(VSC)..... 169

VSC

(Vehicle Stability Control)..... 169

W

Warning buzzers

Brake system 283

Cruise control system 165

Downshifting 148

Electric power

steering 284, 285

Engine oil pressure 283

Key reminder..... 139

Light reminder 156, 287

Master warning 284

Open door 287

Open moon roof..... 121, 288

Open trunk 287

Parking brake 153, 287

Seat belt reminder..... 284

Smart entry & start

system 289

Warning lights..... 67

ABS..... 284

Brake system 283

Charging system 283

Electric power steering 284

Low engine oil pressure..... 283

Low fuel level 284

Malfunction indicator lamp 283

Master warning light..... 284

Seat belt reminder light..... 284

Slip indicator 284

SRS 284

Warning messages..... 286

Washer..... 159

Checking 241

Preparing and checking

before winter..... 173

Switch 159

Washing and waxing..... 206

Wheels 247

Size 325

Window lock switch 116

Windows..... 116

Power windows 116

Rear window

defogger 180

Windshield wipers 159

Winter driving tips 173

Wireless remote

control key 81

Battery-Saving Function 99

Locking/Unlocking..... 84, 93

Replacing the battery..... 251

Certifications

- ▶ Smart entry & start system



Model: See product
Year of Approval: See product
Serial No: See product
Year of Manufacture: See product

- ▶ Wireless remote control



Model: See product
Year of Approval: See product
Serial No: See product
Year of Manufacture: See product

GAS STATION INFORMATION	
Auxiliary catch lever P. 227	Trunk opener P. 93
Hood lock release lever P. 227	Fuel filler door opener P. 164
Tire inflation pressure P. 325	
Gasoline fuel tank capacity (Reference)	55 L (14.5 gal., 12.1 Imp. gal.)
Fuel type	P. 320, 327
Cold tire inflation pressure	P. 325
Engine oil capacity (Drain and refill — reference)	P. 320
Engine oil type	“Toyota Genuine Motor Oil” or equivalent P. 320



INDUS MOTOR COMPANY LIMITED

Plot #: N.W.Z/1/P-1,

Port Qasim Authority,

Karachi - Pakistan.

Tel: +92-21-34720041-48

Toll free Number: 080011123

© 2026 INDUS MOTOR COMPANY LTD.

All rights reserved. This material may not be reproduced or copied, in whole or in part, without the written permission of Indus Motor Company Limited - Pakistan.

COROLLA _Part No. 0M9AL90U