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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.
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6	**Maintenance and care**	Caring for your vehicle and maintenance procedures
7	**When trouble arises**	What to do in case of malfunction or emergency
8	**Vehicle specifications**	Vehicle specifications, customizable features, etc.
9	**For owners**	Reporting safety defects for U.S. owners, and seat belt and SRS airbag instructions for Canadian owners
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For your information

Main Owner's Manual

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

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

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

Noise from under the vehicle after turning off the engine

Approximately five hours after the engine is turned off, you may hear a sound coming from under the vehicle for several minutes. This is the sound of a fuel evaporation leakage check and it does not indicate a malfunction.

Accessories, spare parts and modification of your Scion

A wide variety of non-genuine spare parts and accessories for Scion vehicles are currently available in the market. You should know that Scion does not warrant these products and is not responsible for their performance, repair, or replacement, or for any damage they may cause to, or adverse effect they may have on, your Scion vehicle.

This vehicle should not be modified with non-genuine Scion products. Modification with non-genuine Scion 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.

Installation of a mobile two-way radio system

The installation of a mobile two-way radio system in your vehicle could affect electronic systems such as:

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

Be sure to check with your Scion dealer for precautionary measures or special instructions regarding installation of a mobile two-way radio system.

Vehicle data recordings

Your Scion is equipped with several sophisticated computers that will record certain data, such as:

- Engine speed
- Accelerator status
- Brake status
- Vehicle speed
- Shift position (vehicles with a continuously variable transmission)

The recorded data varies according to the vehicle grade level and options with which it is equipped. Furthermore, these computers do not record conversations, sounds or pictures.

- Data usage

  Scion may use the data recorded in these computers to diagnose malfunctions, conduct research and development, and improve quality.

  Scion 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 Scion 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 air bag 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.

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

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- 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.

l Disclosure of the EDR data

Scion 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 Scion in a lawsuit

However, if necessary, Scion 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 Scion

The SRS airbag and seat belt pretensioner devices in your Scion 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 a 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 Scion dealer before you scrap your vehicle.

Perchlorate Material

Special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Your vehicle has components that may contain perchlorate. These components may include airbag, seat belt pretensioners, and wireless remote control batteries.

WARNING

n **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.

n **General precaution regarding children's safety**

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

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

Reading this manual

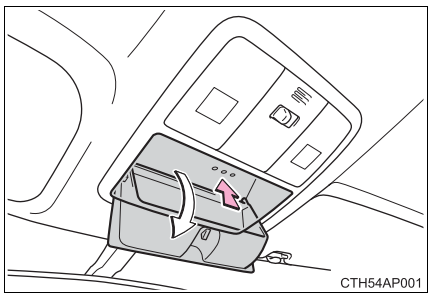
WARNING:
Explains something that, if not obeyed, could cause death or serious injury to people.

NOTICE:
Explains something that, if not obeyed, could cause damage to or a malfunction in the vehicle or its equipment.

1 2 3 ··· Indicates operating or working procedures. Follow the steps in numerical order.

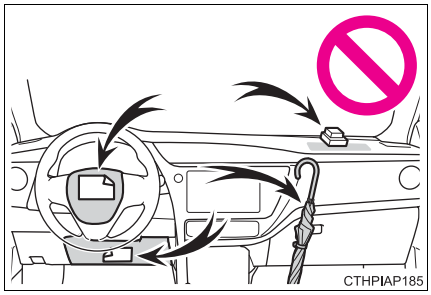
Indicates the action (pushing, turning, etc.) used to operate switches and other devices.

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



Indicates the component or position being explained.

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



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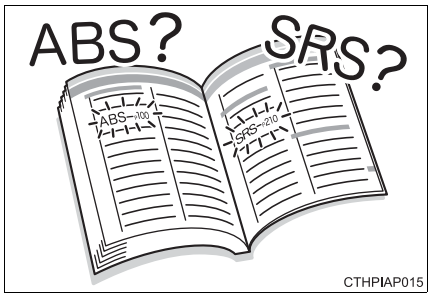

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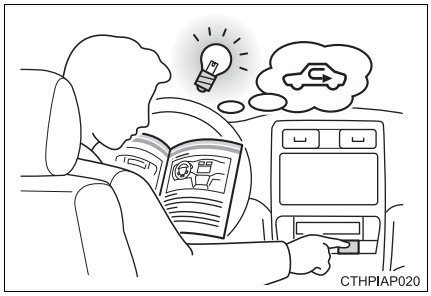

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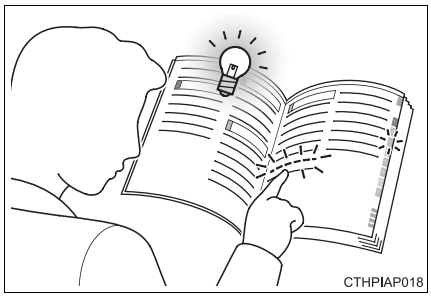

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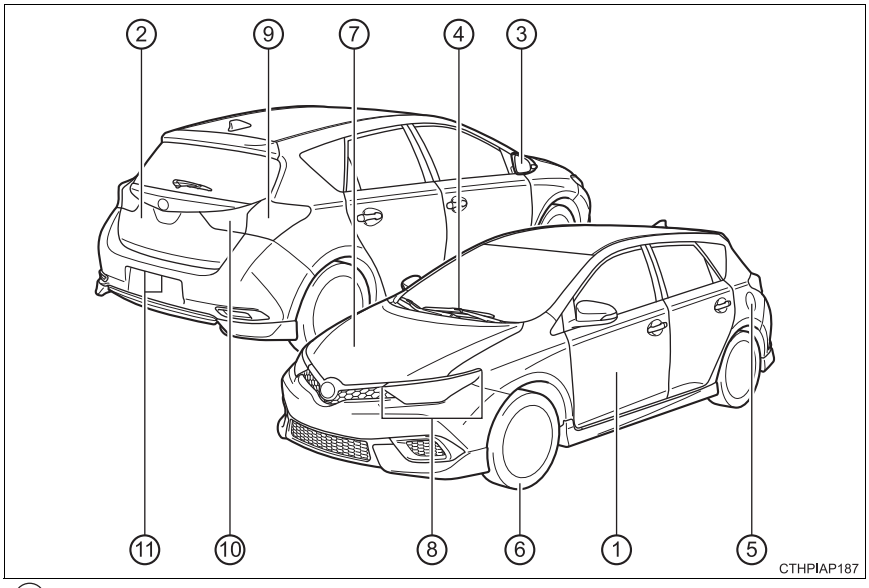

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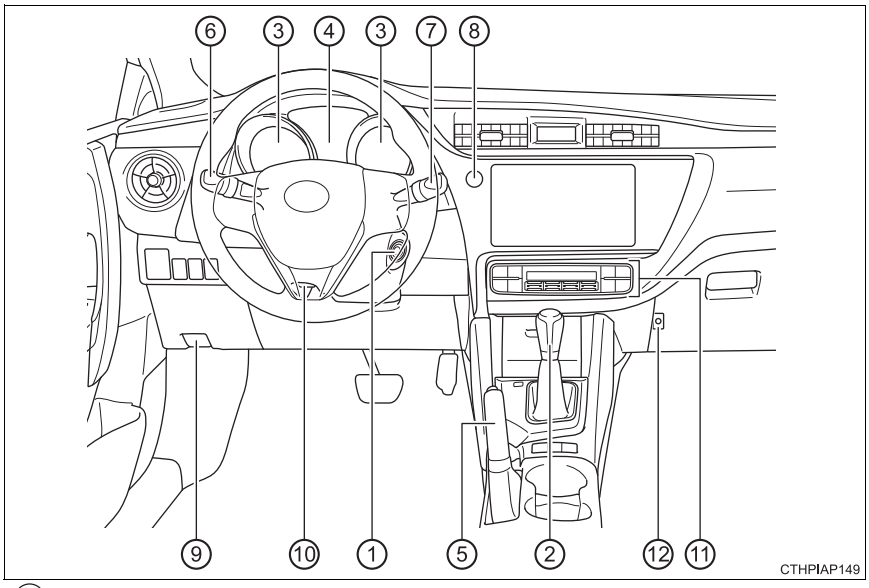

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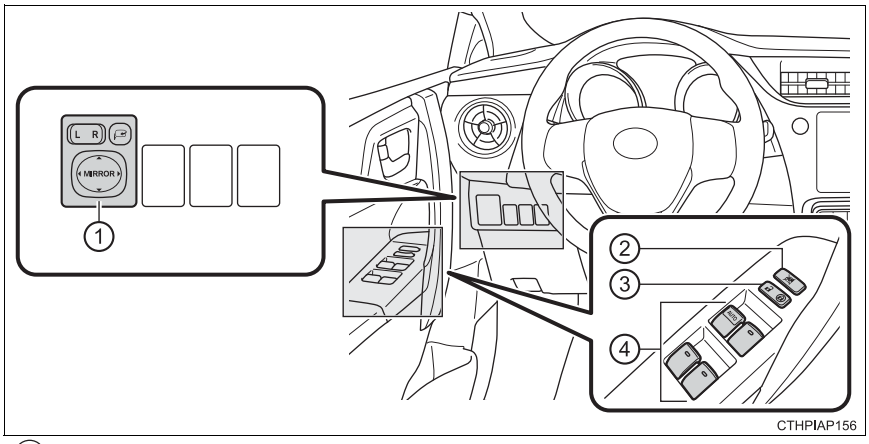
*: Vehicles with a continuously variable transmission

n Switches



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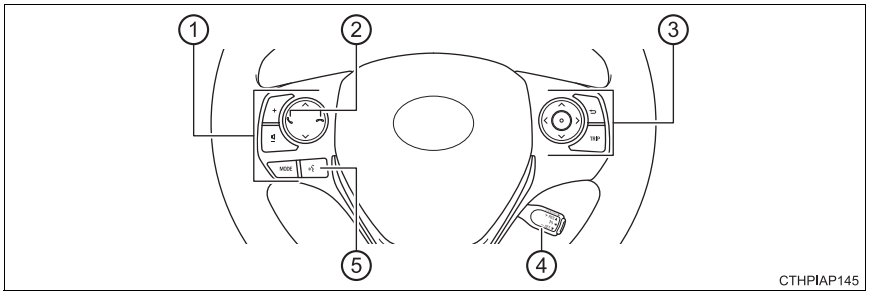

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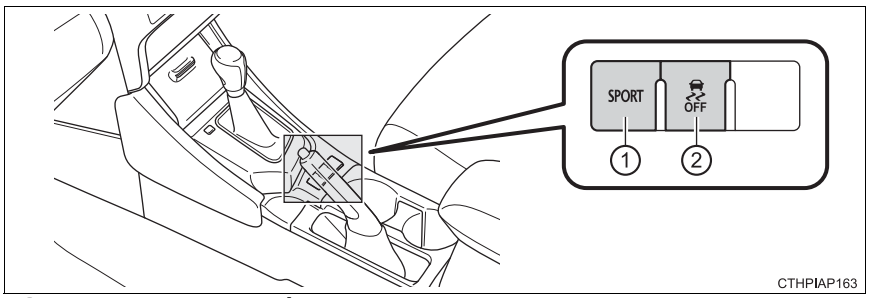

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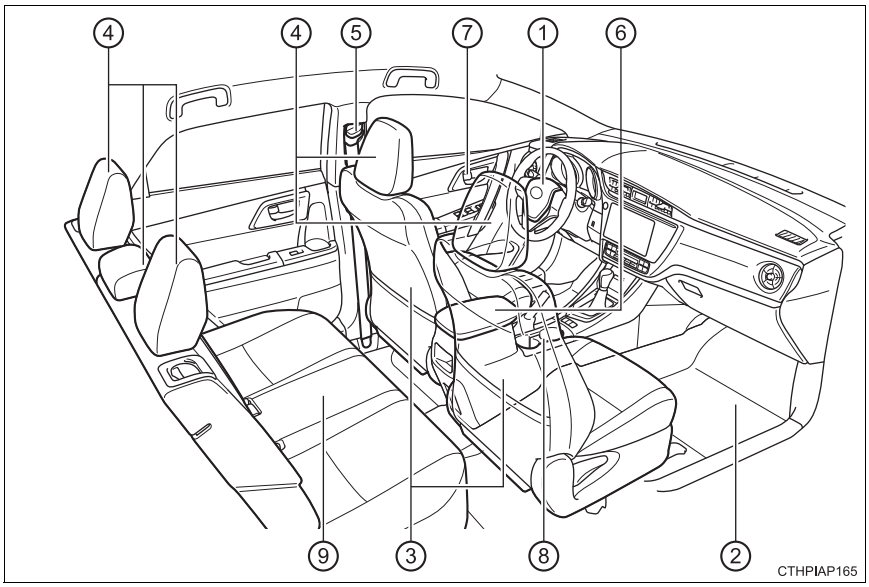
*: If equipped

n Interior



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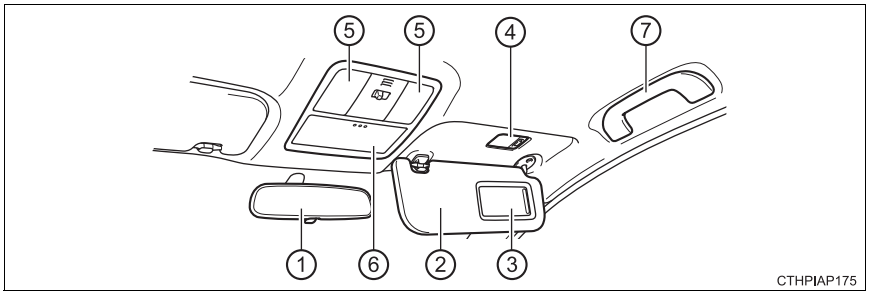

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For safety and security

1

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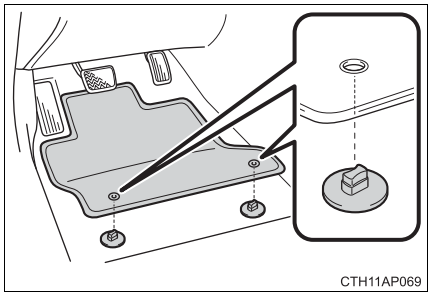
Before driving

Floor mat

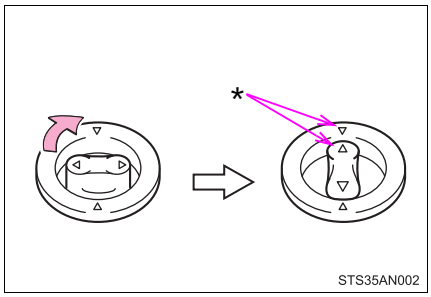
Use only floor mats designed specifically for vehicles of the same model and model year as your vehicle. Fix them securely in place onto the carpet.

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



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

*: Always align the △ marks.



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

WARNING

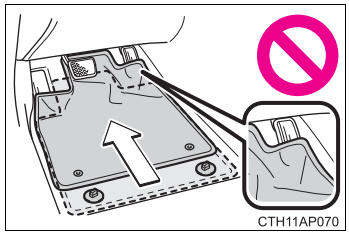
Observe the following precautions.
Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle. This could lead to an accident, resulting in death or serious injury.

When installing the driver's floor mat

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

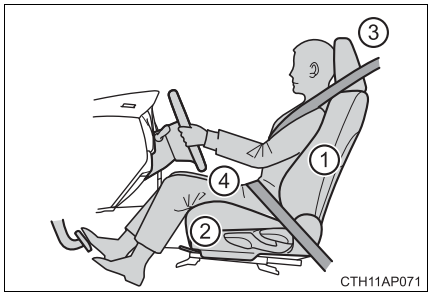
- Check that the floor mat is securely fixed in the correct place with all the provided retaining hooks (clips). Be especially careful to perform this check after cleaning the floor.
- With the engine stopped and the shift lever in P (continuously variable transmission) or N (manual transmission), fully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



For safety drive

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

Correct driving posture



① Adjust the angle of the seat-back so that you are sitting straight up and so that you do not have to lean forward to steer. (→P. 95)

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. 95)

③ Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P. 98)

④ Wear the seat belt correctly. (→P. 26)

Correct use of the seat belts

Make sure that all occupants are wearing their seat belts before driving the vehicle. (→P. 26)
Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt. (→P. 52)

Adjusting the mirrors

Make sure that you can see backward clearly by adjusting the inside and outside rear view mirrors properly. (→P. 103, 104)

WARNING

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

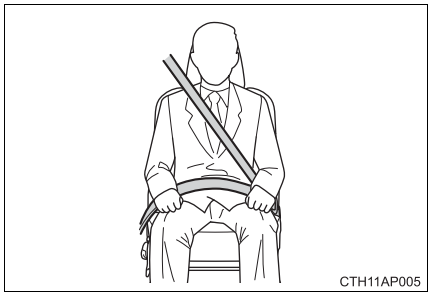
- Do not adjust the position of the driver's seat while driving.
  Doing so could cause the driver to lose control of the vehicle.
- Do not place a cushion between the driver or passenger and the seatback.
  A cushion may prevent correct posture from being achieved, and reduce the effectiveness of the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

Seat belts

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

Correct use of the seat belts

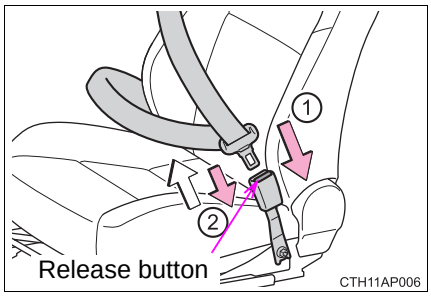
- Extend the shoulder belt so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.
- Position the lap belt as low as possible over the hips.
- Adjust the position of the seat-back. Sit up straight and well back in the seat.
- Do not twist the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



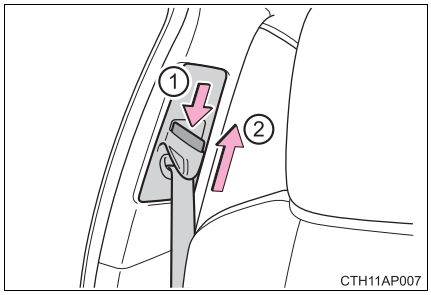
Fastening and releasing the seat belt

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)

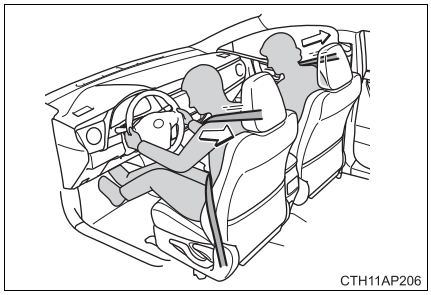


① Push the seat belt shoulder anchor down while pressing the release button.

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 or side collision or a vehicle rollover.

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

n **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.

n **Automatic locking retractor (ALR)**

When a passenger's shoulder belt is completely extended and then retracted even slightly, the belt is locked in that position and cannot be extended. This feature is used to hold the child restraint system (CRS) firmly. To free the belt again, fully retract the belt and then pull the belt out once more. (→P. 56)

n **Child seat belt usage**

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

l Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle's seat belt. (→P. 52)

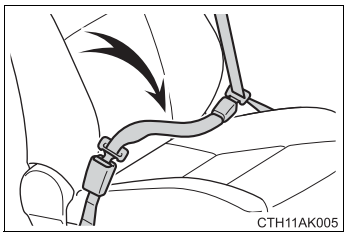
l When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions regarding seat belt usage. (→P. 26)

n **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.

n **Seat belt extender**

If your seat belts cannot be fastened securely because they are not long enough, a personalized seat belt extender is available from your Scion dealer free of charge.



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

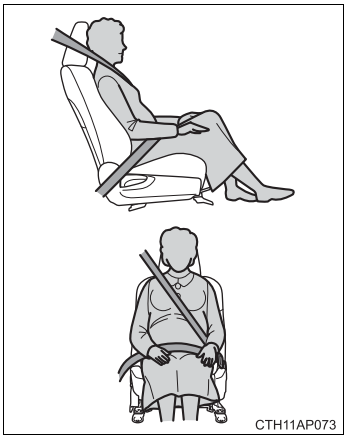
- Ensure that all passengers wear a seat belt.
- Always wear a seat belt properly.
- Each seat belt should be used by one person only. Do not use a seat belt for more than one person at once, including children.
- Scion recommends that children be seated in the rear seat and always use a seat belt and/or 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. 26)

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

n **People suffering illness**

Obtain medical advice and wear the seat belt in the proper way. (→P. 26)

n **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.

n **Seat belt pretensioners (front seats)**

l Do not place anything, such as a cushion, on the front passenger's seat. Doing so will disperse the passenger's weight, which prevents the sensor from detecting the passenger's weight properly. As a result, the seat belt pretensioner for the front passenger's seat may not activate in the event of a collision.

l 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 Scion dealer.

n **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. 27)

n **Seat belt damage and wear**

l Do not damage the seat belts by allowing the belt, plate, or buckle to be jammed in the door.

l 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.

l 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 Scion dealer.

l Replace the seat assembly, including the belts, if your vehicle has been involved in a serious accident, even if there is no obvious damage.

l Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. Have any necessary repairs carried out by your Scion dealer. Inappropriate handling may lead to incorrect operation.

WARNING

n **Using a seat belt extender**

l Do not wear the seat belt extender if you can fasten the seat belt without the extender.

l Do not use the seat belt extender when installing a child restraint system because the belt will not securely hold the child restraint system, increasing the risk of death or serious injury in the event of an accident.

l The personalized extender may not be safe on another vehicle, when used by another person, or at a different seating position other than the one originally intended.

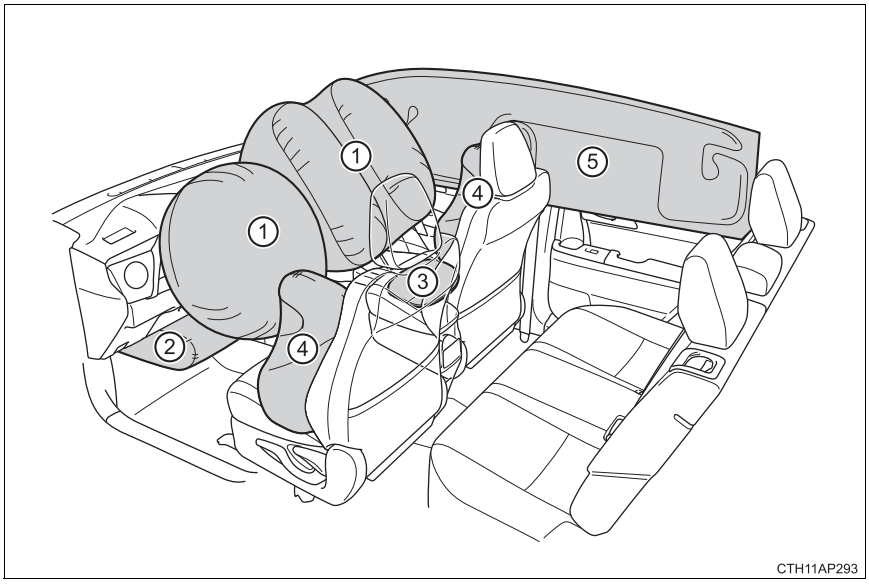
NOTICE

n **When using a seat belt extender**

When releasing the seat belt, press on the buckle release button on the extender, not on the seat belt.
This helps prevent damage to the vehicle interior and the extender itself.

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.



u SRS front airbags

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

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

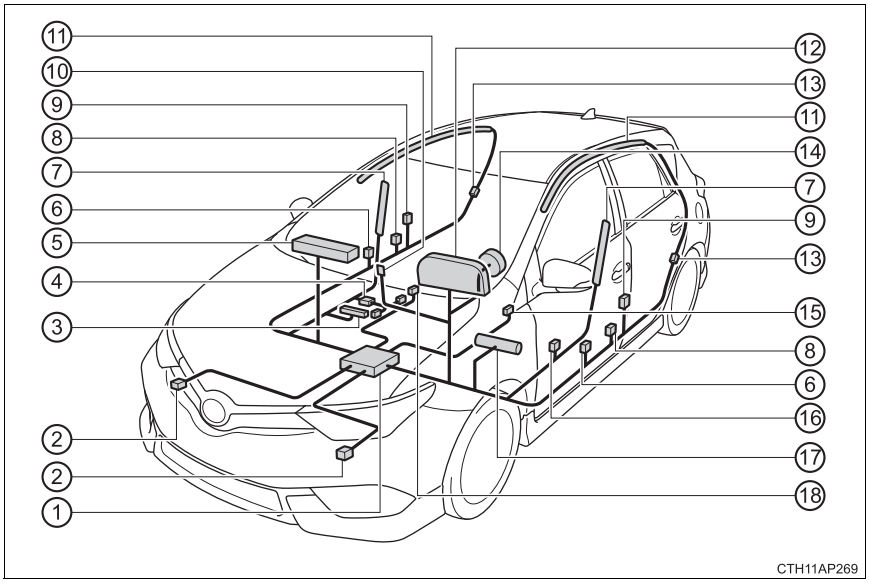
③ SRS seat cushion airbag
Can help restrain the front passenger

u SRS side and curtain shield airbags

④ SRS front side airbags
Can help protect the torso of the front seat occupants

⑤ SRS curtain shield airbags
- Can help protect primarily the head of occupants in the outer seats
- Can prevent the occupants from being thrown from the vehicle in the event of vehicle rollover

SRS airbag system components



① Airbag sensor assembly
② Front impact sensors
③ Seat cushion airbag
④ Front passenger occupant classification system (ECU and sensors)
⑤ Front passenger airbag
⑥ Side impact sensors (front doors)
⑦ Side airbags
⑧ Seat belt pretensioners and force limiters
⑨ Side impact sensors (front)
⑩ “AIR BAG ON” and “AIR BAG OFF” indicator lights
⑪ Curtain shield airbags
⑫ SRS warning light
⑬ Side impact sensors (rear)
⑭ Driver airbag
⑮ Driver’s seat belt buckle switch
⑯ Driver’s seat position sensor
⑰ Driver’s knee airbag
⑱ Front passenger’s seat belt buckle switch

Your vehicle is equipped with ADVANCED AIRBAGS designed based on the US motor vehicle safety standards (FMVSS208). The airbag sensor assembly (ECU) controls airbag deployment based on information obtained from the sensors etc. shown in the system components diagram above. This information includes crash severity and occupant information. 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

n **SRS airbag precautions**

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

l 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.

l 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. The National Highway Traffic Safety Administration (NHTSA) advises:

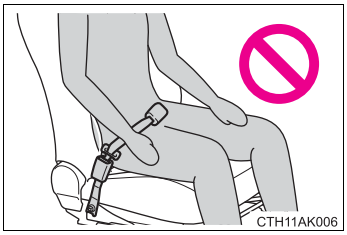
Since the risk zone for the driver's airbag is the first 2 - 3 in. (50 - 75 mm) of inflation, placing yourself 10 in. (250 mm) from your driver airbag provides you with a clear margin of safety. This distance is measured from the center of the steering wheel to your breastbone. If you sit less than 10 in. (250 mm) 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 10 in. (250 mm) 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 by NHTSA above, while still maintaining control of the foot pedals, steering wheel, and your view of the instrument panel controls.

WARNING

n **SRS airbag precautions**

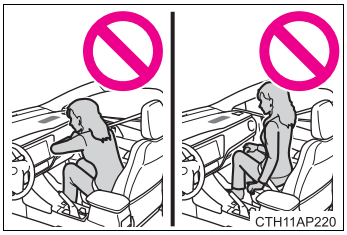


- If the seat belt extender has been connected to the front seat belt buckles but the seat belt extender has not also been fastened to the latch plate of the seat belt, the SRS front airbags will judge that the driver and front passenger are wearing the seat belt even though the seat belt has not been connected. In this case, the SRS front airbags may not activate correctly in a collision, resulting in death or serious injury in the event of a collision. Be sure to wear the seat belt with the seat belt extender.
- 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. Scion 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. 52)

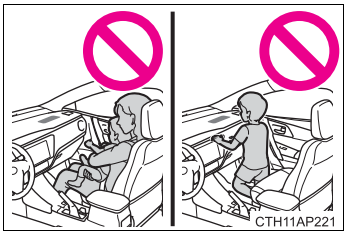
WARNING

SRS airbag precautions

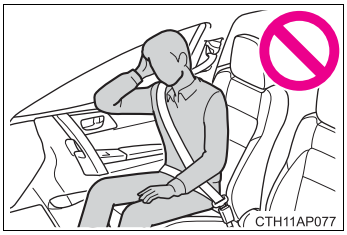
- Do not sit on the edge of the seat or lean against the dashboard.



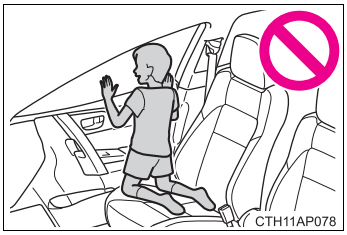
- Do not allow a child to stand in front of the SRS front passenger airbag unit or sit on the knees of a front passenger.
- Do not allow the front seat occupants to hold items on their knees.



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



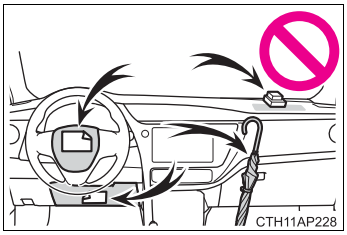
- Do not allow anyone to kneel on the passenger seats toward the door or put their head or hands outside the vehicle.



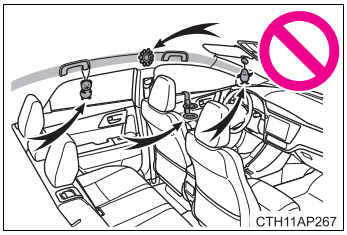
WARNING

SRS airbag precautions

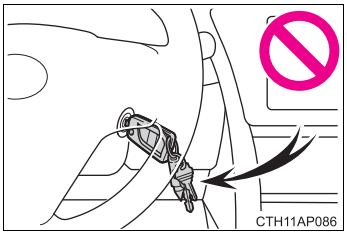
- Do not attach anything to or lean anything against areas such as the dashboard, steering wheel pad and lower portion of the instrument panel.
  These items can become projectiles when the SRS driver, front passenger and driver's knee airbag deploy.



- Do not attach anything to areas such as the door, windshield, side window, front or rear pillar, roof side rail and assist grip.



- Do not attach any heavy, sharp or hard objects such as keys and accessories to the key. The objects may restrict the SRS driver's knee airbag inflation or be thrust into the driver's seat area by the force of the deploying airbag, thus causing a danger.



WARNING

SRS airbag precautions

- If a vinyl cover is put on the area where the SRS driver's knee airbag will deploy, be sure to remove it.
- Do not use seat accessories which cover the parts where the SRS side airbags and SRS seat cushion airbag inflate as they may interfere with inflation of the SRS airbags. Such accessories may prevent the side airbags and seat cushion airbag from activating correctly, disable the system or cause the side airbags and seat cushion airbag to inflate accidentally, resulting in death or serious injury.
- Do not strike or apply significant levels of force to the area of the SRS airbag components.
  Doing so can cause the SRS airbags to malfunction.
- Do not touch any of the component parts immediately after the SRS airbags have deployed (inflated) as they may be hot.
- If breathing becomes difficult after the SRS airbags have deployed, open a door or window to allow fresh air in, or leave the vehicle if it is safe to do so. Wash off any residue as soon as possible to prevent skin irritation.
- If the areas where the SRS airbags are stored, such as the steering wheel pad and front and rear pillars garnishes, are damaged or cracked, have them replaced by your Scion dealer.
- Do not place anything, such as a cushion, on the front passenger's seat. Doing so will disperse the passenger's weight, which prevents the sensor from detecting the passenger's weight properly. As a result, the SRS front airbags for the front passenger may not deploy in the event of a collision.

Modification and disposal of SRS airbag system components

Do not dispose of your vehicle or perform any of the following modifications without consulting your Scion 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, dashboard, seats or seat upholstery, front, side and rear pillars or roof side rails
- Repairs or modifications of the front fender, front bumper, or side of the occupant compartment
- Installation of a grille guard (bull bars, kangaroo bar, etc.), snow plows, winches or roof luggage carrier
- Modifications to the vehicle's suspension system
- Installation of electronic devices such as mobile two-way radios and 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, parts of the front and rear pillars, and roof side rails, may be hot for several minutes. The airbag itself may also be hot.
- The windshield may crack.

SRS airbag deployment conditions (SRS front airbags)

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

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

  - If the vehicle strikes an object, such as a parked vehicle or sign pole, which can move or deform on impact
  - If the vehicle is involved in an underride collision, such as a collision in which the front of the vehicle “underrides”, or goes under, the bed of a truck
- Depending on the type of collision, it is possible that only the seat belt pre-tensioners will activate.
- The SRS front airbags for the front passenger will not activate if there is no passenger sitting in the front passenger seat. However, the SRS front airbags for the front passenger may deploy if luggage is put in the seat, even if the seat is unoccupied.
- The SRS seat cushion airbag on the front seats will not operate if the occupant is not wearing a seat belt.

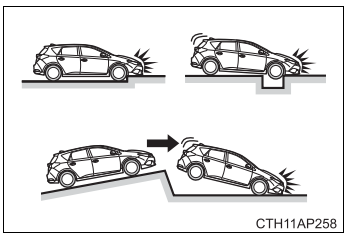
SRS airbag deployment conditions (SRS side and curtain shield airbags)

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

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

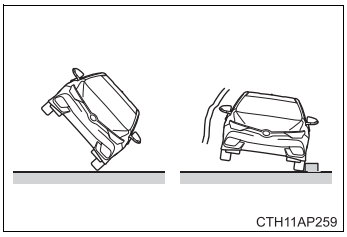
The SRS front airbags and SRS side and curtain shield airbags may also deploy if a serious impact occurs to the underside of your vehicle. Some examples are shown in the illustration.

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



The SRS curtain shield airbags may also deploy under the situations shown in the illustration.

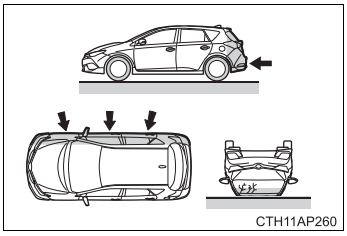
- The angle of vehicle tip-up is marginal
- The vehicle skids and hits a curb stone



n 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.

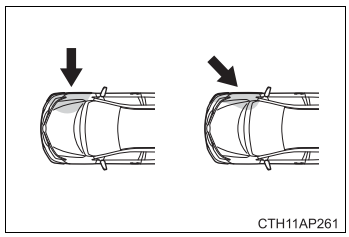
- Collision from the side
- Collision from the rear
- Vehicle rollover



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

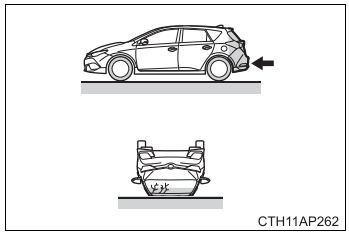
The SRS side and curtain shield airbags may not activate if the vehicle is subjected to a collision from the side at certain angles, or a collision to the side of the vehicle body other than the passenger compartment.

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



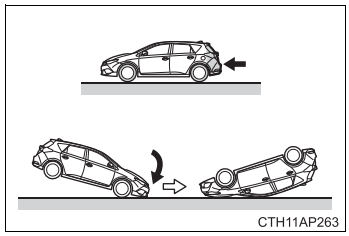
The SRS side airbags do not generally inflate if the vehicle is involved in a rear collision, if it rolls over, or if it is involved in a low-speed side or low-speed frontal collision.

- Collision from the rear
- Vehicle rollover



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

- Collision from the rear
- Pitching end over end

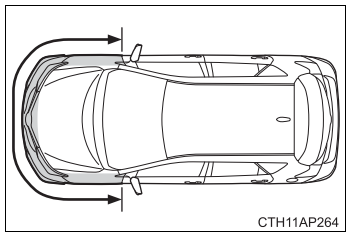


n **When to contact your Scion dealer**

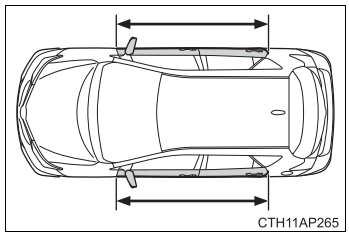
In the following cases, the vehicle will require inspection and/or repair. Contact your Scion dealer as soon as possible.

l Any of the SRS airbags have been inflated.

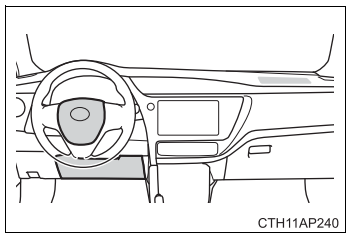
l The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS front airbags to inflate.



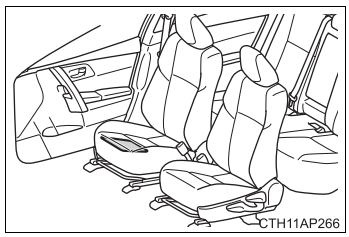
l A portion of a door or its surrounding area is damaged or deformed, or the vehicle was involved in an accident that was not severe enough to cause the SRS side and curtain shield airbags to inflate.



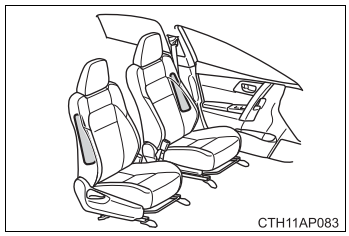
l The pad section of the steering wheel, dashboard near the front passenger airbag or lower portion of the instrument panel is scratched, cracked, or otherwise damaged.



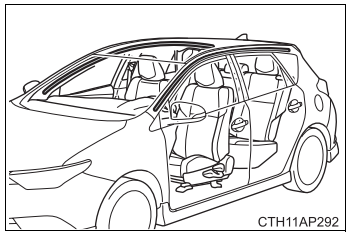
l The seat cushion surface is scratched, cracked, or otherwise damaged.



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

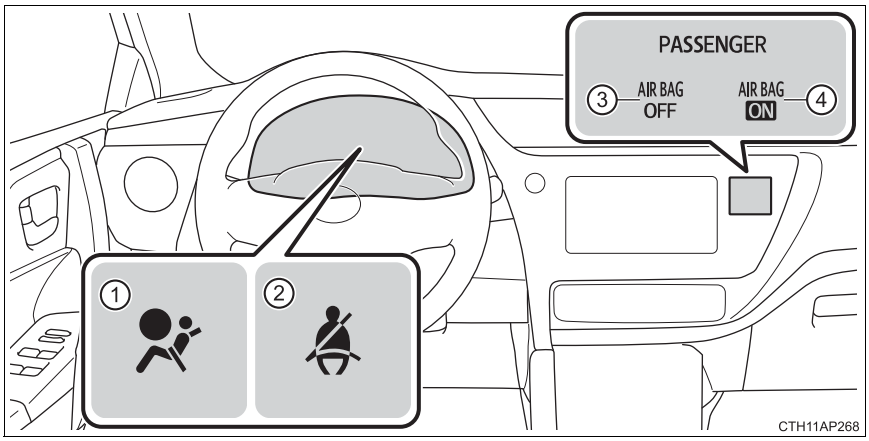


- The portion of the front pillars, rear pillars or roof side rail garnishes (padding) containing the curtain shield airbags inside is scratched, cracked, or otherwise damaged.



Front passenger occupant classification system

Your vehicle is equipped with a front passenger occupant classification system. This system detects the conditions of the front passenger seat and activates or deactivates the devices for the front passenger.



① SRS warning light
② Seat belt reminder light
③ “AIR BAG OFF” indicator light
④ “AIR BAG ON” indicator light

Condition and operation in the front passenger occupant classification system

Adult*1

Indicator/ warning light	“AIR BAG ON” and “AIR BAG OFF” indicator lights	“AIR BAG ON”
	SRS warning light	Off
	Seat belt reminder light	Off*2 or flashing*3
Devices	Front passenger airbag	Activated
	Side airbag on the front passenger seat	
	Curtain shield airbag in the front passenger side	
	Seat cushion airbag in the front passenger side	Activated*2 or deactivated*3
	Front passenger’s seat belt pretensioner	Activated

Child*4

Indicator/ warning light	“AIR BAG ON” and “AIR BAG OFF” indicator lights	“AIR BAG OFF” or “AIR BAG ON”*4
	SRS warning light	Off
	Seat belt reminder light	Off*2 or flashing*3
Devices	Front passenger airbag	Deactivated or activated*4
	Side airbag on the front passenger seat	Activated
	Curtain shield airbag in the front passenger side	
	Seat cushion airbag in the front passenger side	Deactivated or activated*4, 2
	Front passenger’s seat belt pretensioner	Activated

n Child restraint system with infant*5

Indicator/ warning light	“AIR BAG ON” and “AIR BAG OFF” indicator lights	“AIR BAG OFF”*6
	SRS warning light	Off
	Seat belt reminder light	Off*2 or flashing*3
Devices	Front passenger airbag	Deactivated
	Side airbag on the front passenger seat	Activated
	Curtain shield airbag in the front passenger side	
	Seat cushion airbag in the front passenger side	Deactivated
	Front passenger’s seat belt pretensioner	Activated

n Unoccupied

Indicator/ warning light	“AIR BAG ON” and “AIR BAG OFF” indicator lights	“AIR BAG OFF”
	SRS warning light	Off
	Seat belt reminder light	
Devices	Front passenger airbag	Deactivated
	Side airbag on the front passenger seat	Activated
	Curtain shield airbag in the front passenger side	
	Seat cushion airbag in the front passenger side	Deactivated
	Front passenger’s seat belt pretensioner	Activated

n There is a malfunction in the system

Indicator/ warning light	“AIR BAG ON” and “AIR BAG OFF” indicator lights	“AIR BAG OFF”
	SRS warning light	On
	Seat belt reminder light	
Devices	Front passenger airbag	Deactivated
	Side airbag on the front passenger seat	Activated
	Curtain shield airbag in the front passenger side	
	Seat cushion airbag in the front passenger side	Deactivated
	Front passenger’s seat belt pretensioner	Activated

*1: The system judges a person of adult size as an adult. When a smaller adult sits in the front passenger seat, the system may not recognize him/her as an adult depending on his/her physique and posture.

*2: In the event the front passenger is wearing a seat belt.

*3: In the event the front passenger does not wear a seat belt

*4: For some children, child in seat, child in booster seat or child in convertible seat, the system may not recognize him/her as a child. Factors which may affect this can be the physique or posture.

*5: Never install a rear-facing child restraint system on the front passenger seat. A forward-facing child restraint system should only be installed on the front passenger seat when it is unavoidable. (→P. 52)

*6: In case the indicator light is not illuminated, consult this manual on how to install the child restraint system properly. (→P. 56)

WARNING

n **Front passenger occupant classification system precautions**

Observe the following precautions regarding the front passenger occupant classification system.
Failure to do so may cause death or serious injury.

- Wear the seat belt properly.
- Make sure the front passenger's seat belt plate has not been left inserted into the buckle before someone sits in the front passenger seat.
- Make sure the "AIR BAG OFF" indicator light is not illuminated when using the seat belt extender for the front passenger seat. If the "AIR BAG OFF" indicator light is illuminated, disconnect the extender tongue from the seat belt buckle, and reconnect the seat belt. Reconnect the seat belt extender after making sure the "AIR BAG ON" indicator light is illuminated. If you use the seat belt extender while the "AIR BAG OFF" indicator light is illuminated, the SRS airbags for the front passenger may not activate, which could cause death or serious injury in the event of a collision.
- Do not apply a heavy load to the front passenger seat or equipment (e.g. seatback pocket).
- Do not put weight on the front passenger seat by putting your hands or feet on the front passenger seat seatback from the rear passenger seat.
- Do not let a rear passenger lift the front passenger seat with their feet or press on the seatback with their legs.
- Do not put objects under the front passenger seat.

WARNING

Front passenger occupant classification system precautions

- Do not recline the front passenger seatback so far that it touches the rear seat. This may cause the “AIR BAG OFF” indicator light to be illuminated, which indicates that the SRS airbags for the front passenger will not deploy in the event of a severe accident. If the seatback touches the rear seat, return the seatback to a position where it does not touch the rear seat. Keep the front passenger seatback as upright as possible when the vehicle is moving. Reclining the seatback excessively may lessen the effectiveness of the seat belt system.
- If an adult sits in the front passenger seat, the “AIR BAG ON” indicator light is illuminated. If the “AIR BAG OFF” indicator is illuminated, ask the passenger to sit up straight, well back in the seat, feet on the floor, and with the seat belt worn correctly. If the “AIR BAG OFF” indicator still remains illuminated, either ask the passenger to move to the rear seat, or if that is not possible, move the front passenger seat fully rearward.
- When it is unavoidable to install a forward-facing child restraint system on the front passenger seat, install the child restraint system on the front passenger seat in the proper order. (→P. 56)
- Do not modify or remove the front seats.
- Do not kick the front passenger seat or subject it to severe impact. Otherwise, the SRS warning light may come on to indicate a malfunction of the front passenger occupant classification system. In this case, contact your Scion dealer immediately.
- Child restraint systems installed on the rear seat should not contact the front seatbacks.
- Do not use a seat accessory, such as a cushion and seat cover, that covers the seat cushion surface.
- Do not modify or replace the upholstery of the front seat.

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, back door, seats, etc.

WARNING

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

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

Child restraint systems

A child restraint system for a small child or baby must itself be properly restrained on the seat with the LATCH anchors or the lap portion of the lap/shoulder belt.

The laws of all 50 states of the U.S.A. and Canada now require the use of child restraint systems.

Points to remember

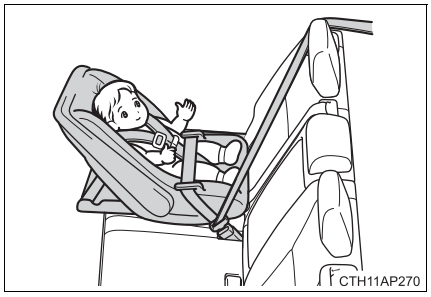
Studies have shown that installing a child restraint on a rear seat is much safer than installing one on the front passenger seat.

- 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. 56)

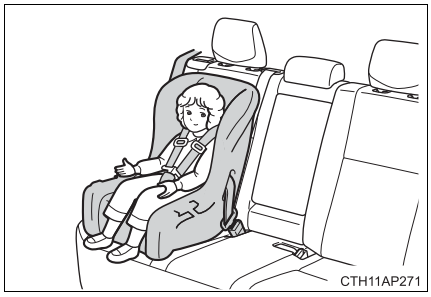
Types of child restraints

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

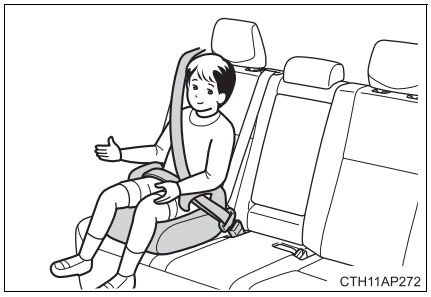
▶ Rear facing — Infant seat/convertible seat



▶ Forward facing — Convertible seat



▶ Booster seat



n **Selecting an appropriate child restraint system**

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

l 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. 26)

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.
- Scion 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 even if the "AIR BAG OFF" indicator light is illuminated. 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 tether strap should not be used in the front passenger seat since there is no top tether strap anchor for the front passenger seat. Adjust the seatback as upright as possible and always move the seat as far back as possible even if the "AIR BAG OFF" indicator light is illuminated, because the front passenger airbag could inflate with considerable speed and force. Otherwise, the child may be killed or seriously injured.
- Do not use the seat belt extender when installing a child restraint system on the front or rear passenger seat. If installing a child restraint system with the seat belt extender connected to the seat belt, the seat belt will not securely hold the child restraint system, which could cause death or serious injury to the child or other passengers in the event of a sudden stop, sudden swerve or accident.
- Do not allow the child to lean his/her head or any part of his/her body against the door or the area of the seat, front and rear pillars or roof side rails from which the SRS side airbags or SRS curtain shield airbags deploy even if the child is seated in the child restraint system. It is dangerous if the SRS side airbags and curtain shield airbags inflate, and the impact could cause death or serious injury to the child.
- Make sure you have complied with all installation instructions provided by the child restraint manufacturer and that the system is properly secured. If it is not secured properly, it may cause death or serious injury to the child in the event of a sudden stop or accident.

WARNING

n **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.

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

- Keep the child restraint system properly secured on the seat even if it is not in use. Do not store the child restraint system unsecured in the passenger compartment.
- If it is necessary to detach the child restraint system, remove it from the vehicle or store it securely in the luggage compartment. 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.

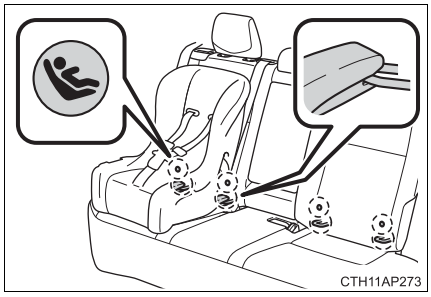
Installing child restraints

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

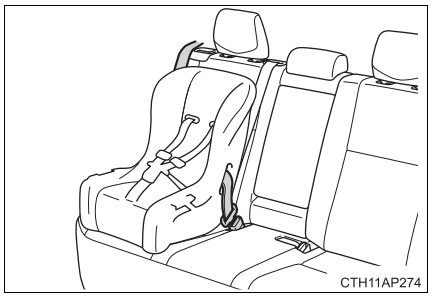
The lap/shoulder belt can be used if your child restraint system is not compatible with the LATCH (Lower Anchors and Tethers for Children) system.

Child restraint LATCH anchors (→P. 57)

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

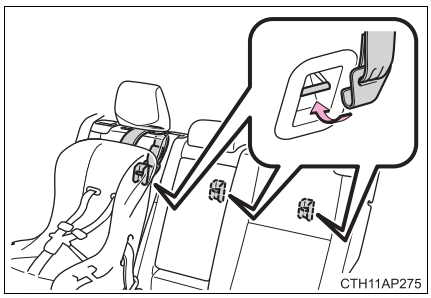


Installation with a seat belt (→P. 59)



Anchor brackets (for top tether strap) (→P. 62)

An anchor bracket is provided for each rear seat.



Installation with LATCH system

1 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. 99)

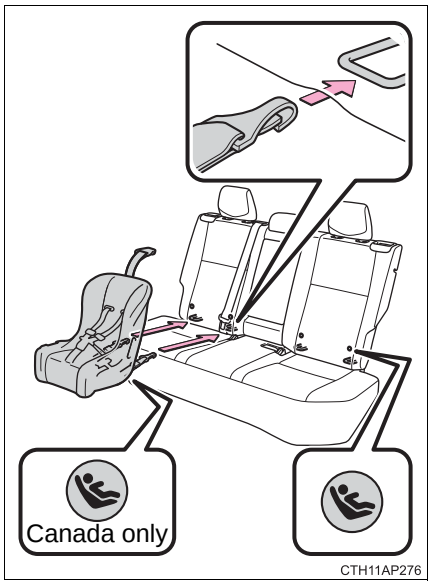
2 Widen the gap between the seat cushion and seatback slightly.

▶ Type A

3 Latch the hooks of the lower straps onto the LATCH anchors.

If the child restraint has a top tether strap, the top tether strap should be latched onto the top tether strap anchor. (→P. 62)

For owners in Canada:
The symbol on a child restraint system indicates the presence of a lower connector system.

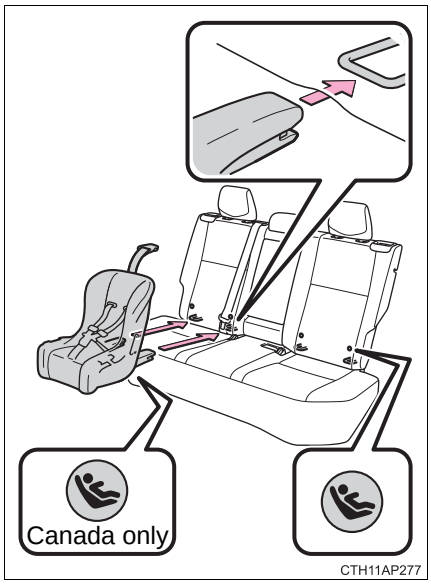


▶ Type B

3 Latch the buckles onto the LATCH anchors.

If the child restraint has a top tether strap, the top tether strap should be latched onto the top tether strap anchor. (→P. 62)

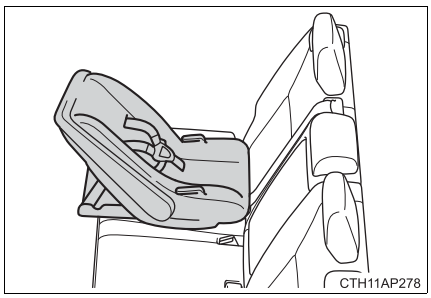
For owners in Canada:
The symbol on a child restraint system indicates the presence of a lower connector system.



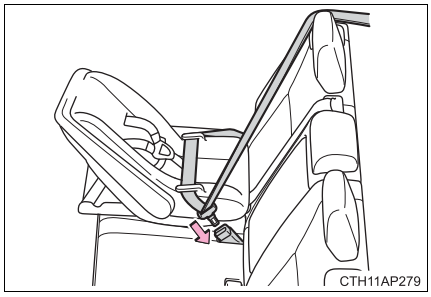
Installing child restraints using a seat belt

n Rear-facing — Infant seat/convertible seat

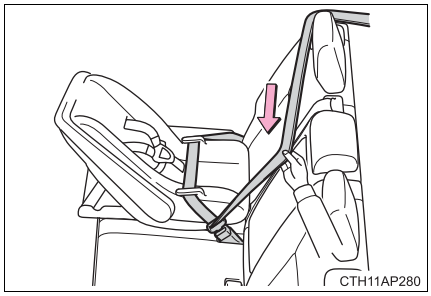
1 Place the child restraint system on the rear seat facing the rear of the vehicle.



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.

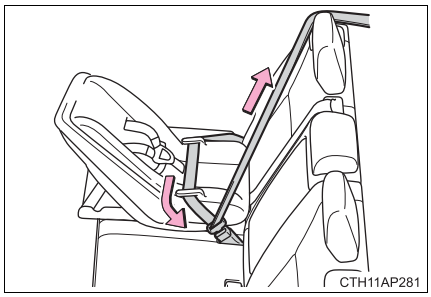


3 Fully extend the shoulder belt and allow it to retract to put it in lock mode. In lock mode, the belt cannot be extended.



4 While pushing the child restraint system down into the rear seat, allow the shoulder belt to retract until the child restraint system is securely in place.

After the shoulder belt has retracted to a point where there is no slack in the belt, pull the belt to check that it cannot be extended.

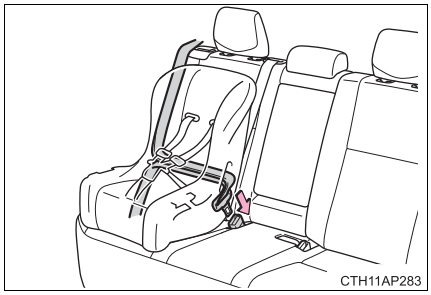


n Forward-facing — Convertible seat

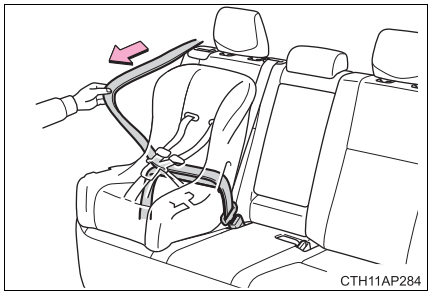
1 Place the child restraint system on the seat facing the front of the vehicle.

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. 99)

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.

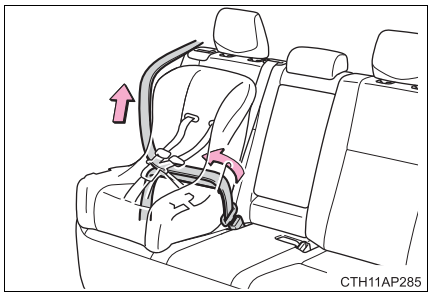


3 Fully extend the shoulder belt and allow it to retract to put it in lock mode. In lock mode, the belt cannot be extended.



4 While pushing the child restraint system into the rear seat, allow the shoulder belt to retract until the child restraint system is securely in place.

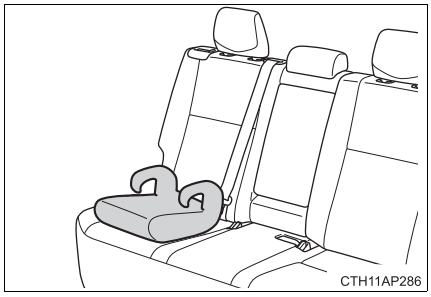
After the shoulder belt has retracted to a point where there is no slack in the belt, pull the belt to check that it cannot be extended.



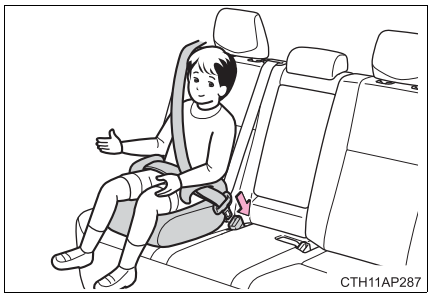
5 If the child restraint has a top tether strap, the top tether strap should be latched onto the top tether strap anchor. (→P. 62)

n **Booster seat**

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



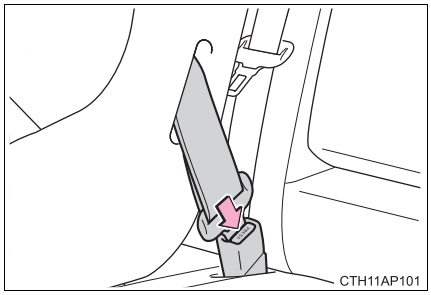
2 Sit the child in the child restraint system. Fit the seat belt to the child restraint system according to the manufacturer's instructions and insert the plate into the buckle. Make sure that the belt is not twisted.



Check that the shoulder belt is correctly positioned over the child's shoulder and that the lap belt is as low as possible. (→P. 26)

Removing a child restraint installed with a seat belt

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

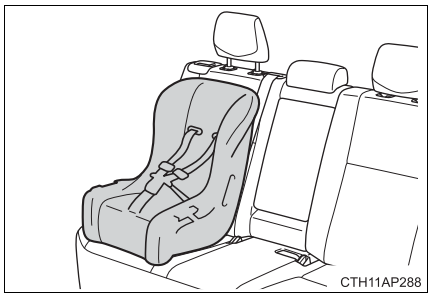


Child restraint systems with a top tether strap

1 Adjust the head restraint to the uppermost position. (→P. 98)

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. 99)

2 Secure the child restraint system using the seat belt or LATCH anchors.

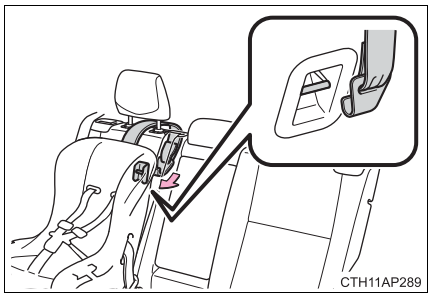


3 Remove the luggage cover. (→P. 183)

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

Run the top tether strap under the head restraint.

Make sure the top tether strap is securely latched.



5 Outboard rear seats only: Adjust the head restraint to the lowest position. (→P. 98)

If your child restraint system interferes with a head restraint and cannot be installed properly, remove the head restraint. (→P. 99)

n **Laws and regulations pertaining to anchorages**

The LATCH system conforms to FMVSS225 or CMVSS210.2.
Child restraint systems conforming to FMVSS213 or CMVSS213 specifications can be used.
This vehicle is designed to conform to SAE J1819.

WARNING

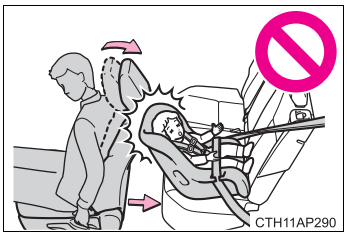
n **When installing a booster seat**

To prevent the belt from going into ALR lock mode, do not fully extend the shoulder belt. ALR mode causes the belt to tighten only. This could cause injury or discomfort to the child. (→P. 28)

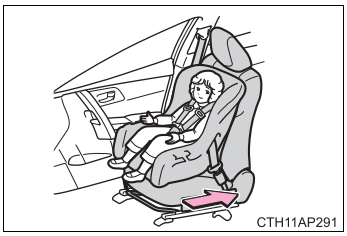
n **When installing a child restraint system**

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


CTH11AP290

- 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 even if the "AIR BAG OFF" indicator light is illuminated. Failure to do so may result in death or serious injury if the airbags deploy (inflate).


CTH11AP291

WARNING

n **When installing a child restraint system**

- When a 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.

n **Do not use a seat belt extender**

If a seat belt extender is used when installing a child restraint system, the seat belt will not securely hold the child restraint system, which could cause death or serious injury to the child or other passengers in the event of a sudden braking, sudden swerving or an accident.

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

When using the LATCH 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 swerve 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 back door closed.
- If you smell exhaust gases in the vehicle even when the back door is closed, open the windows and have the vehicle inspected at your Scion 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 Scion dealer.

Engine immobilizer system

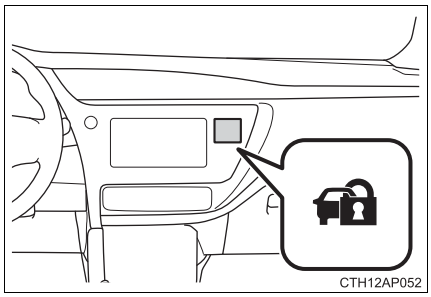
The vehicle's keys have built-in transponder chips that prevent the engine from starting if a key has not been previously registered in the vehicle's on-board computer.

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.

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.



n **System maintenance**

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

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

l If the grip portion of the key is in contact with a metallic object

l 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

n **Certifications for the engine immobilizer system**

▶ For vehicles sold in the U.S.A.

FCC ID: MOZRI-42BTY

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

▶ For vehicles sold in Canada

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

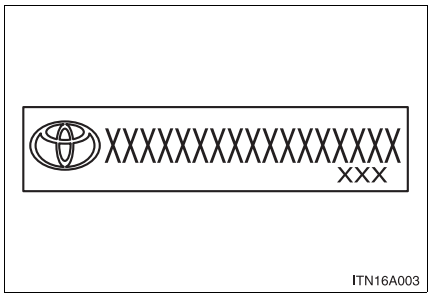
NOTICE

n **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.

Theft prevention labels (U.S.A.)

These labels are attached to the vehicle to reduce vehicle theft by facilitating the tracing and recovery of parts from stolen vehicles. Do not remove under the penalty of law.



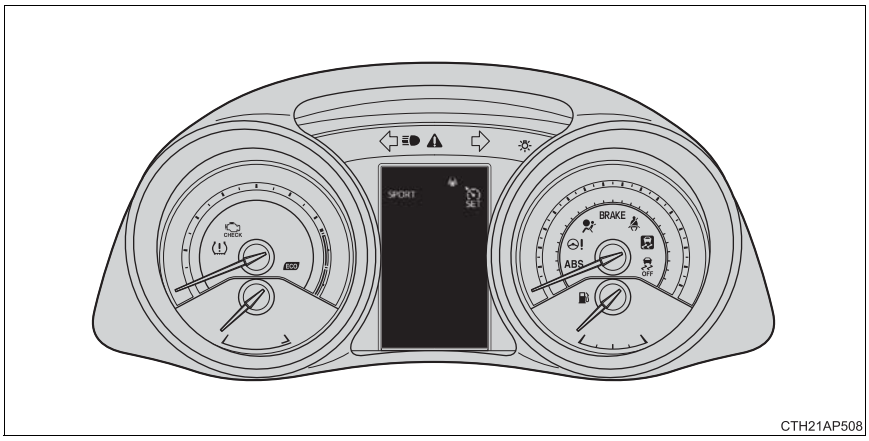
Instrument cluster 2

2. Instrument cluster
Warning lights and indicators 70
Gauges and meters 74
Multi-information display 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.



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

Warning lights

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

* BRAKE (U.S.A.)	Brake system warning light (→P. 262)	*	Electric power steering system warning light (→P. 263)
* (Canada)	Brake system warning light (→P. 262)	*	Slip indicator (→P. 263)
* CHECK (U.S.A.)	Malfunction indicator lamp (→P. 262)		Low fuel level warning light (→P. 263)
* (Canada)	Malfunction indicator lamp (→P. 262)		Seat belt reminder light (→P. 263)
*	SRS warning light (→P. 262)	*	Tire pressure warning light (→P. 263)
* ABS (U.S.A.)	ABS warning light (→P. 263)	*	Master warning light (→P. 264)
* ABS (Canada)	ABS warning light (→P. 263)		

*: These lights turn on when the engine switch is turned to the "ON" position 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 Scion dealer.

Indicators

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

	Turn signal indicator (→P. 137)	*1	VSC OFF indicator (→P. 158)
(U.S.A.)	Headlight indicator (→P. 139)	*1, 3 (if equipped)	Eco Driving Indicator Light (→P. 80)
(Canada)	Tail light indicator (→P. 139)	*4	Security indicator (→P. 66)
	Headlight high beam indicator (→P. 139)	(if equipped)	Sport mode indicator (→P. 132)
	Cruise control indicator (→P. 151)	*5	Low outside temperature indicator (→P. 74)
	Cruise control "SET" indicator (→P. 151)	*1, 4	"AIR BAG ON/OFF" indicator (→P. 45)
*1, 2	Slip indicator (→P. 157)		

*1: These lights turn on when the engine switch is turned to the "ON" position 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 Scion dealer.

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

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

*4: This light illuminates on the center panel.

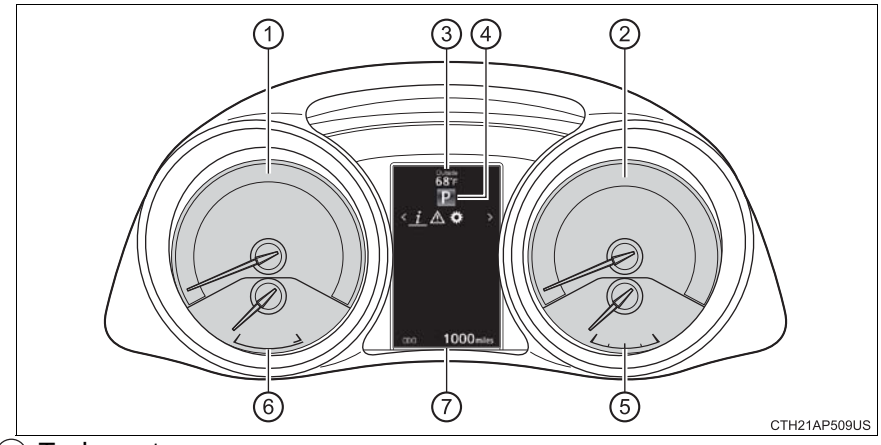
*5: When the outside temperature is approximately 37°F (3°C) or lower, the indicator will flash for approximately 10 seconds, then stay on.

WARNING

n **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 Scion dealer immediately if this occurs.

Gauges and meters



① Tachometer

Displays the engine speed in revolutions per minute.

② Speedometer

Displays the vehicle speed.

③ Outside temperature

Displays the outside temperature within the range of -40°F (-40°C) to 122°F (50°C).

Low outside temperature indicator comes on when the ambient temperature is 37°F (3°C) or lower.

④ Shift position and gear position indicator (if equipped)

→P. 131

⑤ Fuel gauge

Displays the quantity of fuel remaining in the tank.

⑥ Engine coolant temperature gauge

Displays the engine coolant temperature.

⑦ Multi-information display

→P. 76

n **The meters and display illuminate when**

The engine switch is in the “ON” position.

n **Outside temperature display**

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

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

l If “– –” is displayed continuously, the system may be malfunctioning. Take your vehicle to your Scion dealer.

NOTICE

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

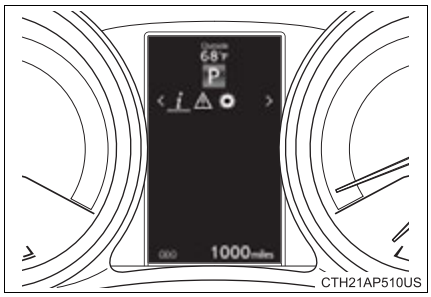
l Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed.

l The engine may be overheating if the engine coolant temperature gauge enters the red zone. In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P. 288)

Multi-information display

Display content

The multi-information display presents the driver with a variety of driving-related data, such as the current outside temperature. The multi-information display can also be used to change the display settings and other settings.



- Outside temperature (→P. 74)
- Shift position and gear position indicator (if equipped) (→P. 131)
- Pop-up display

  In some situations a warning message or the operation status of a system will be temporarily displayed on the multi-information display.
- Trip information/Meter light control (→P. 77)

  Displays the following items:
  - Odometer
  - Trip meter
  - Meter light control
- Menu icons (→P. 78)

  Select a menu icon to display its content.

Drive information (→P. 78)

Select to display various drive data.

Warning message display (→P. 269)

Select to display warning messages and measures to be taken if a malfunction is detected.

Settings display (→P. 80)

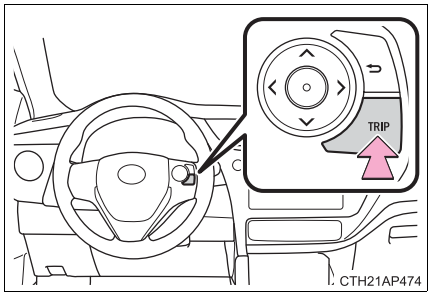
Select to change the meter display settings and other settings.

Trip information/Meter light control

u Changing the display

To change the displayed item, press the “TRIP” switch.

Each time the switch is pressed, the displayed item will be changed.



u Display items

n Odometer

Displays the total distance the vehicle has been driven.

n Trip meter A/trip meter B

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

To reset, display the desired trip meter and press and hold the “TRIP” switch.

n Meter light control

Displays the meter light control display.

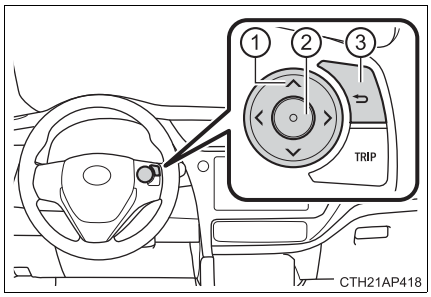
- The brightness of the meters can be adjusted individually for day mode and night mode*.
- If the brightness of the meters is adjusted when the tail lights are on, the brightness of the clock and other items will also be adjusted.
- To adjust the brightness, display the meter light control display and press and hold the “TRIP” switch.

*: Day mode and night mode: →P. 81

Menu icons

u Operating the meter control switches

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



① < > : Select menu icons
∧ ∨ : Change displayed item, scroll up/down the screen and move the cursor up/down

② Press: Enter/Set
Press and hold: Reset

③ Return to the previous screen

u Drive information

n Drive information 1/Drive information 2

Displays drive information such as the following:

l Drive information 1
- Current fuel consumption
- Average fuel economy (after reset)

l Drive information 2
- Distance (driving range)
- Average vehicle speed (after reset)

Displayed items (listed below) can be changed on the settings display. (→P. 80)

Item	Content
Current fuel consumption	Displays instantaneous current fuel consumption
Average fuel economy (after reset)	Displays average fuel consumption since display reset*1, 2
Average fuel economy (after start)	Displays average fuel consumption since engine start*2
Average fuel economy (after refuel)	Displays average fuel consumption since refuel*2, 3

Item	Content
Average vehicle speed (after reset)	Displays average vehicle speed since display reset*1
Average vehicle speed (after start)	Displays average vehicle speed since engine start
Elapsed time (after reset)	Displays elapsed time since display reset*1
Elapsed time (after start)	Displays elapsed time since engine start
Distance (driving range)	Displays driving range with remaining fuel*3, 4
Distance (after start)	Displays drive distance since vehicle start
Blank	No item

*1: To reset, display the desired item and press and hold ⊙ switch. If both displayed items are resettable, a reset selection screen will appear.

*2: Use the displayed fuel consumption as a reference.

*3: 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.

*4: 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.

Eco Driving Indicator (if equipped)

→P. 80

Blank (No items)

Displays no drive information items.

u Settings display

n Eco Driving Indicator Light (if equipped)

Select to activate/deactivate the Eco Driving Indicator Light.

n Language

Select to change the language on the display.

n Units

Select to change the units of measure displayed on the multi-information display.

n 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. (→P. 78)

n Scheduled Maintenance (U.S.A. only)

Select to reset the message indicating maintenance is required after the required maintenance is performed. (→P. 197)

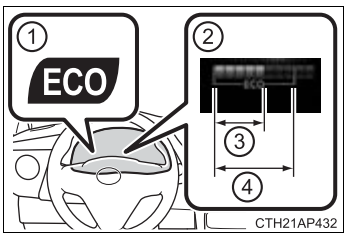
n Initialize Display

Select to reset the meter display settings. (→P. 320)

---

n Eco Driving Indicator (if equipped)

① Eco Driving Indicator Light
During Eco-friendly acceleration (Eco driving), the Eco Driving Indicator Light will turn on. When the acceleration exceeds the Zone of Eco driving, or when the vehicle is stopped, the light turns off.



② Eco Driving Indicator Zone Display
Suggests the Zone of Eco driving with current Eco driving ratio based on acceleration.

③ Eco driving ratio based on acceleration
If the acceleration exceeds the Zone of Eco driving, the right side of the Eco Driving Indicator Zone Display illuminate and the Eco Driving Indicator light will turn off.

④ Zone of Eco driving

Eco Driving Indicator will not operate under the following conditions:

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

n **Brightness of the meters (day mode and night mode)**

l The brightness of the meters are changed between day mode and night mode.

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

l When in night mode, the brightness will be reduced slightly unless the meters are set to the maximum brightness level.

n **Suspension of the settings display**

l While driving, the multi-information display cannot be changed to setting mode. Before changing the settings, stop the vehicle in a safe place.

l In the following situations, operation of some of the settings display may be temporarily suspended.

- When a warning message appears on the multi-information display
- When the vehicle begins to move

n **When disconnecting and reconnecting battery terminals**

The drive information data will be reset.

n **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

n **Caution for use while driving**

l When operating the multi-information display while driving, pay extra attention to the safety of the area around the vehicle.

l Do not look continuously at the multi-information display while driving as you may fail to see pedestrians, objects on the road, etc. ahead of the vehicle.

n **The information display at low temperatures**

Allow the interior of the vehicle to warm up before using the liquid crystal information display. At extremely low temperatures, the information display monitor may respond slowly, and display changes may be delayed.
For example, there is a lag between the driver's shifting and the new gear number appearing on the display. This lag could cause the driver to down-shift again, causing rapid and excessive engine braking and possibly an accident resulting in death or injury.

n **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

n **While setting up the display**

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

Operation of each component

3

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3-4. Adjusting the steering wheel and mirrors
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Power windows 106

Keys

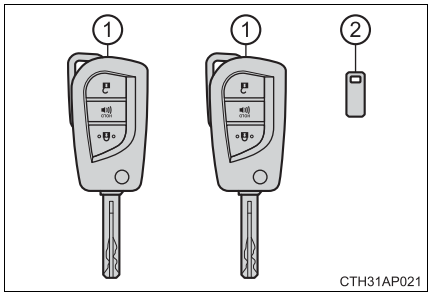
The keys

The following keys are provided with the vehicle.

① Keys

Operating the wireless remote control function

② Key number plate

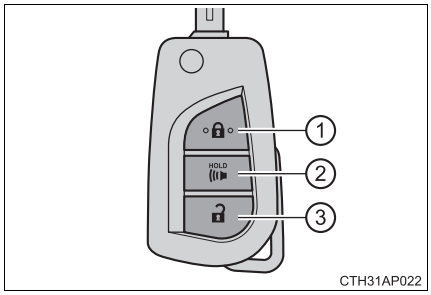


Wireless remote control

① Locks all the doors (→P. 88)

② Sounds the alarm (→P. 85)

③ Unlocks all the doors (→P. 88)



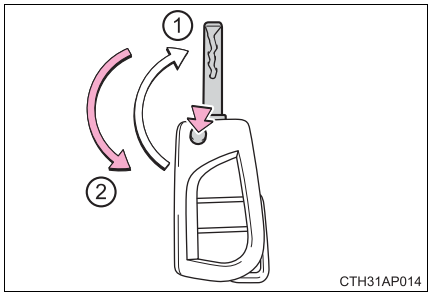
Using the key

① Releasing

To release the key, press the button

② Folding

To stow the key, press the button then fold the key.



n **Panic mode**

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.

n **If you lose your keys**

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

n **When riding in an aircraft**

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

n **Conditions affecting the operation of the wireless remote control**

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

- When the wireless key battery is depleted
- Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When carrying a portable radio, cellular phone or other wireless communication devices
- When multiple wireless keys are in the vicinity
- When the wireless key is in contact with, or is covered by a metallic object
- When a wireless key (that emits radio waves) is being used nearby
- When the wireless key has been left near an electrical appliance such as a personal computer
- If window tint with a metallic content or metallic objects are attached to the rear window

n **Key battery depletion**

If the wireless remote control function does not operate, the battery may be depleted. Replace the battery when necessary. (→P. 237)

n **When the key battery is fully depleted**

→P. 237

n **If a wrong key is used**

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

n **Customization**

Settings (e.g. wireless remote control system) can be changed.
(Customizable features: →P. 319)

n **Certification for the wireless remote control**

▶ For vehicles sold in the U.S.A.

FCC ID: HYQ23AAH

NOTE:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

▶ For vehicles sold in Canada

NOTE:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

▶ For vehicles sold in the U.S.A.

FCC ID: HYQ12BFA

NOTE:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The FCC ID/IC Certification number is affixed inside the equipment. You can find the ID/number when replacing the battery.

▶ For vehicles sold in Canada

NOTE:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The FCC ID/IC Certification number is affixed inside the equipment. You can find the ID/number when replacing the battery.

NOTICE

n **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.

Side doors

Unlocking and locking the doors from the outside

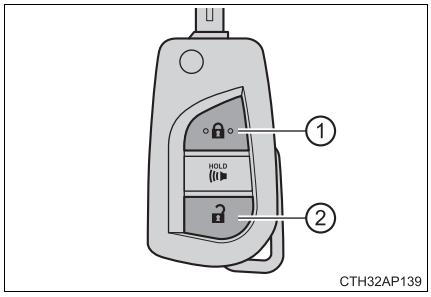
u Wireless remote control

① Locks all the doors

Check that the door is securely locked.

② Unlocks all the doors

Pressing the button unlocks the driver's door. Pressing the button again within 5 seconds unlocks the other doors.



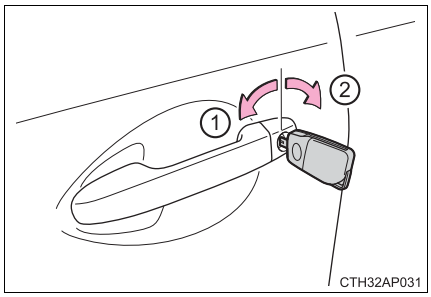
u Key

Turning the key operates the doors as follows:

① Locks all the doors

② Unlocks all the doors

Turning the key unlocks the driver's door. Turning the key again unlocks the other doors.



n **Operation signals**

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

n **Security feature**

If a door is not opened within approximately 60 seconds after the vehicle is unlocked using the wireless remote control, the security feature automatically locks the vehicle again.

n **Door lock buzzer**

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

n **If the wireless remote control does not operate properly**

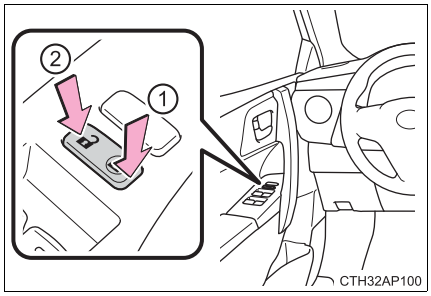
Replace the battery with a new one if it is depleted. (→P. 237)

Unlocking and locking the doors from the inside

u Door lock switches

① Locks all the doors

② Unlocks all the doors

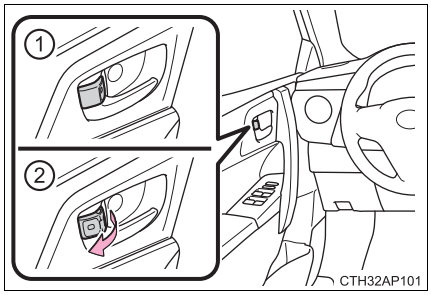


u Inside lock buttons

① Locks the door

② Unlocks the door

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



Locking the doors from the outside without a key

1 Move the inside lock button to the lock position.

2 Close the door.

The door cannot be locked if either of the front doors is open and the key is in the engine switch.

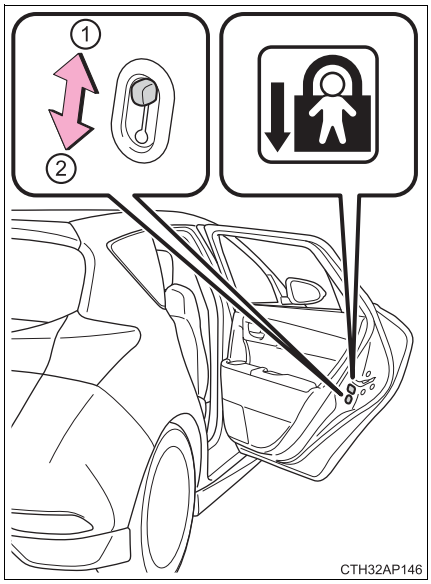
Rear door child-protector lock

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.



n **Open door warning buzzer**

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

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

n **Conditions affecting the operation of the wireless remote control**

→P. 85

n **Customization**

Settings (e.g. unlocking function using a key) can be changed.
(Customizable features: →P. 319)

WARNING

n **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.

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

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

Back door

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

Unlocking and locking the back door

n **Door lock switch**

→P. 89

n **Wireless remote control**

→P. 88

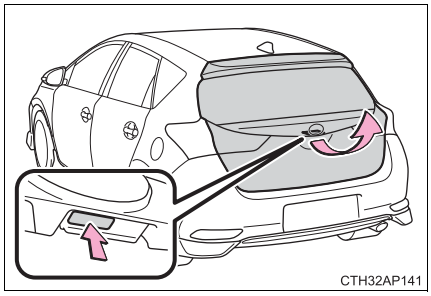
n **Key**

→P. 88

Opening the back door

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

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



n **Operation signals**

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

n **Open door warning buzzer**

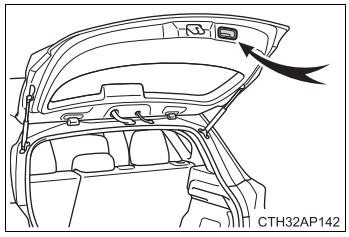
If a door or the back door is not fully closed, a buzzer will sound when the vehicle speed reaches 3 mph (5 km/h).

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

When closing the back door

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

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



Luggage compartment light

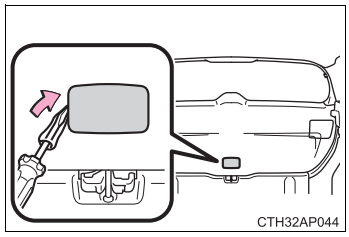
The luggage compartment light turns on when the back door is opened.

If the back door opener is inoperative

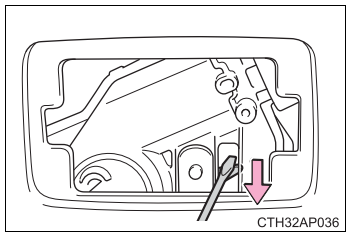
The back door can be operated from the inside.

1 Using a screwdriver, remove the cover.

To protect the cover, place a rag between the flathead screwdriver and the cover as shown in the illustration.



2 Move the lever.



WARNING

Caution while driving

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

WARNING

n **When children are in the vehicle**

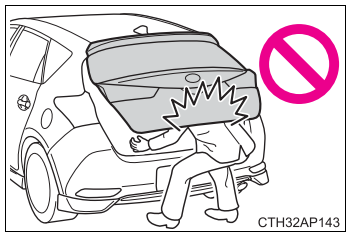
Observe the following precautions.
Failure to do so may result in death or serious injury.

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

n **Operating the back door**

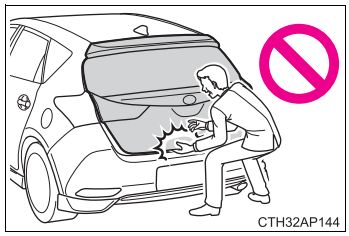
Observe the following precautions.
Failure to do so may cause parts of the body to be caught, resulting in death or serious injury.

- Remove any heavy loads, such as snow and ice, from the back door before opening it. Failure to do so may cause the back door to suddenly shut again after it is opened.
- When opening or closing the back door, thoroughly check to make sure the surrounding area is safe.
- If anyone is in the vicinity, make sure they are safe and let them know that the back door is about to open or close.
- Use caution when opening or closing the back door in windy weather as it may move abruptly in strong wind.
- The back door may suddenly shut if it is not opened fully. It is more difficult to open or close the back door on an incline than on a level surface, so beware of the back door unexpectedly opening or closing by itself. Make sure that the back door is fully open and secure before using the luggage compartment.



WARNING

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



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

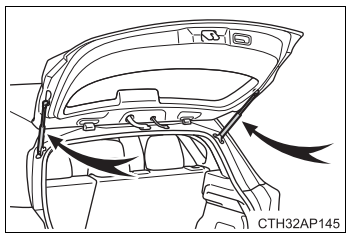
NOTICE

Back door damper stays

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

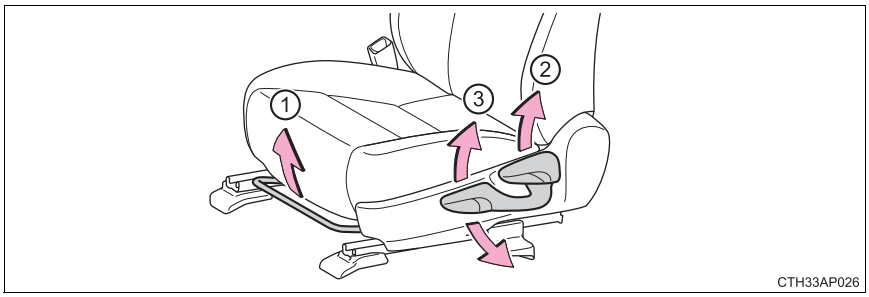
Observe the following precautions.
Failure to do so may cause damage to the back door damper stay, resulting in malfunction.

- Do not place your hand on the damper stay or apply lateral forces to it.
- Do not attach any foreign objects, such as stickers, plastic sheets, or adhesives to the damper stay rod.
- Do not touch the damper stay rod with gloves or other fabric items.
- Do not attach any accessories other than genuine Scion parts to the back door.
- Do not place your hand on the damper stay or apply lateral forces to it.



Front seats

Adjustment procedure



① Seat position adjustment lever

② Seatback angle adjustment lever

③ Vertical height adjustment lever (driver's side only)

WARNING

n **When adjusting the seat position**

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

n **Seat adjustment**

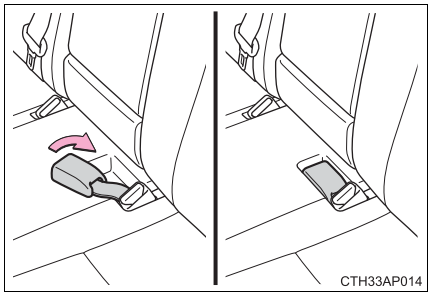
- Be careful that the seat does not hit passengers or luggage.
- To reduce the risk of sliding under the lap belt during a collision, do not recline the seat more than necessary.
  If the seat is too reclined, the lap belt may slide past the hips and apply restraint forces directly to the abdomen, or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

Rear seats

The seatbacks of the rear seats can be folded down.

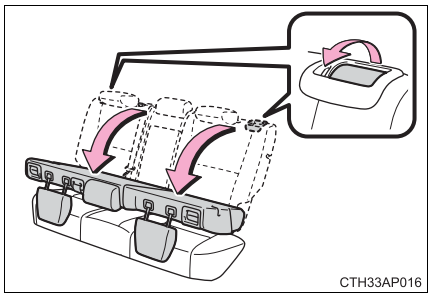
Folding down the rear seatbacks

1. Move the front seats forward. (→P. 95)
2. Stow the rear armrest. (→P. 186)
3. Stow the rear center seat belt buckle.



4. Lower the rear center seat head restraint to the lowest position. (→P. 98)
5. Fold the rear outside seat head restraints. (→P. 98)
6. Pull the seatback lock release lever and fold the seatback down.

   Each seatback may be folded separately.



WARNING

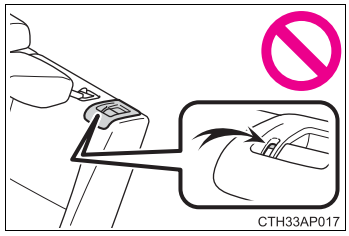
Observe the following precautions. Failure to do so may result in death or serious injury.

When folding the rear seatbacks down

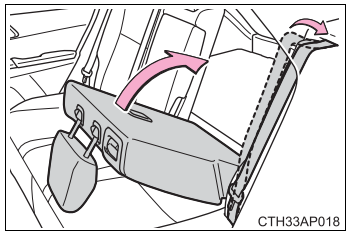
- Do not fold the seatbacks down while driving.
- Stop the vehicle on level ground, set the parking brake and shift the shift lever to P (continuously variable transmission) or N (manual transmission).
- Do not allow anyone to sit on a folded seatback or in the luggage compartment while driving.
- Do not allow children to enter the luggage compartment.
- Do not allow anyone to sit on the rear center seat if the rear right seat is folded down, as the seat belt buckle for the rear center seat belt is then concealed under the folded seat and cannot be used.
- Be careful not to get your hand caught when folding the rear seatbacks.
- Adjust the position of the front seats before folding down the rear seatbacks so that the front seats do not interfere with the rear seatbacks when folding down the rear seatbacks.

After returning the rear seatback to the upright position

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



- Check that the seat belts are not twisted or caught in the seatback.
  If the seat belt gets caught between the seatback's securing hook and latch, it may damage the seat belt.



Head restraints

Head restraints are provided for all seats.

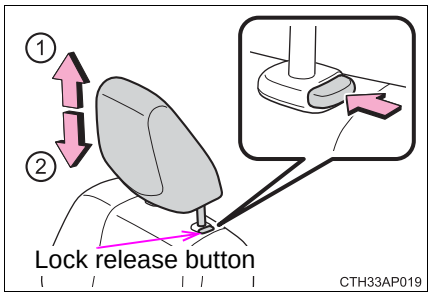
Front seats and rear center seat

① Up

Pull the head restraints up.

② Down

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



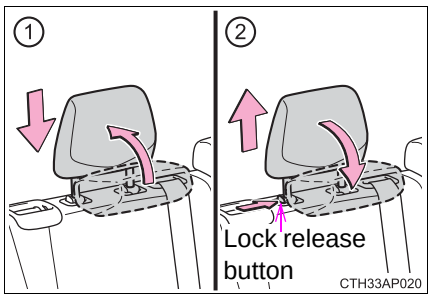
Rear outside seats

① Setting up the rear outside seat head restraints

Fold back the head restraint and then push it down to the lock position.

② Folding the rear outside seat head restraints

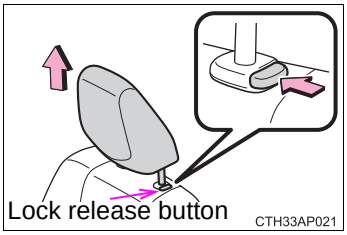
Pull the head restraint up while pressing only the right-side lock release button and then fold it forward.



n **Removing the head restraints**

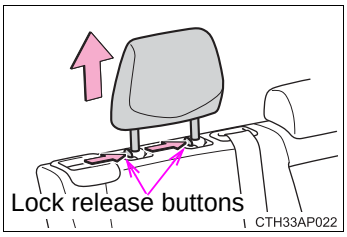
▶ Front seats and rear center seat

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



▶ Rear outside seats

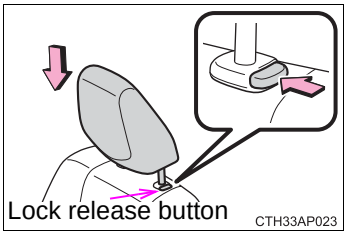
Pull the head restraint up while pressing the lock release buttons.



n **Installing the head restraints**

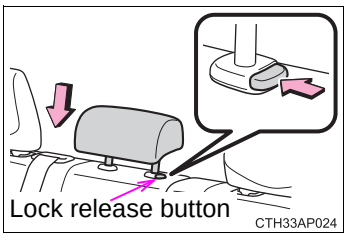
▶ Front seats

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



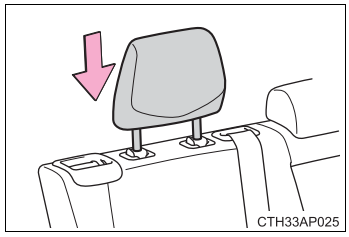
▶ Rear center seat

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



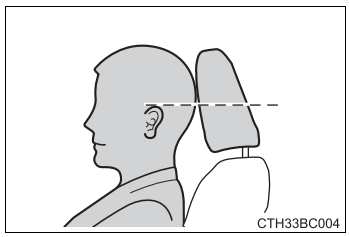
▶ Rear outside seats

Align the head restraint with the installation holes and push it down to the lock position.



n **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.



n **Adjusting the rear center seat head restraint**

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

WARNING

n **Head restraint precautions**

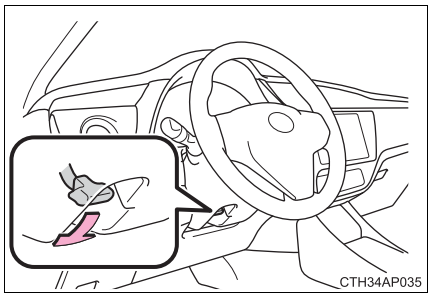
Observe the following precautions regarding the head restraints. Failure to do so may result in death or serious injury.

- 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

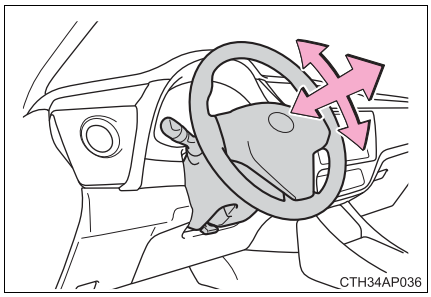
Adjustment procedure

1 Hold the steering wheel and push the lever down.



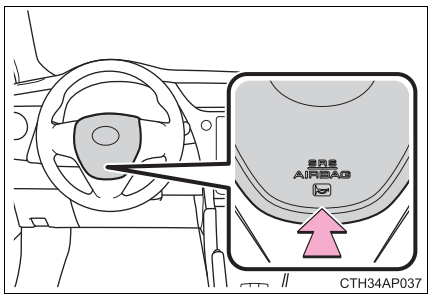
2 Adjust to the ideal position by moving the steering wheel horizontally and vertically.

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



Horn

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



WARNING

n **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.

n **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.

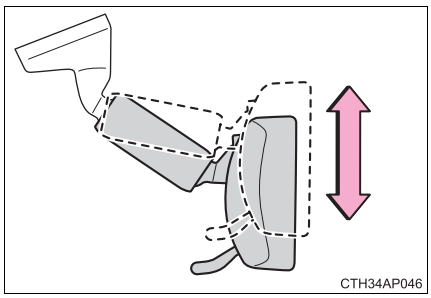
Inside rear view mirror

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.

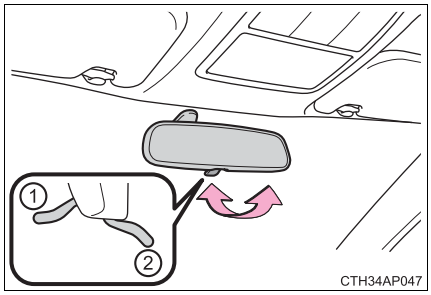


Anti-glare function

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

① Normal position

② Anti-glare position



WARNING

Do not adjust the position of the mirror while driving.
Doing so may lead to mishandling of the vehicle and cause an accident, resulting in death or serious injury.

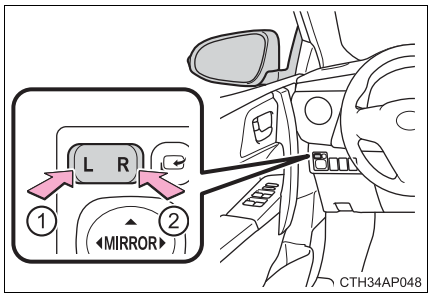
Outside rear view mirrors

Adjustment procedure

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

① Left

② Right



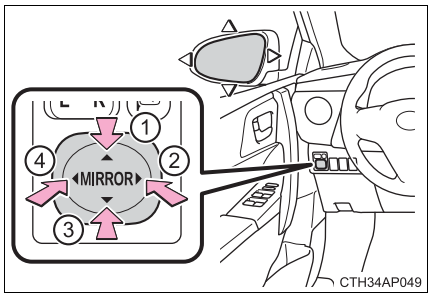
2 To adjust the mirror, press the switch.

① Up

② Right

③ Down

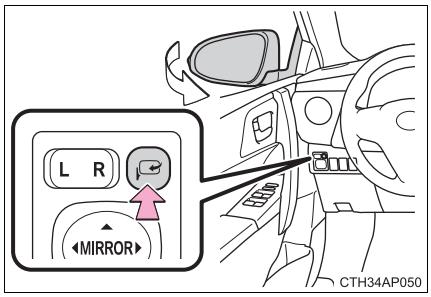
④ Left



Folding the mirrors

Press the switch to fold the mirrors.

Press it again to extend them to the original position.



n **Mirror angle can be adjusted when**

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

n **When the mirrors are fogged up**

The outside rear view mirrors can be cleared using the mirror defoggers. Turn on the rear window defogger to turn on the outside rear view mirror defoggers. (→P. 169)

WARNING

n **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.

n **When a mirror is moving**

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

n **When the mirror defoggers are operating**

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

Power windows

Opening and closing procedures

The power windows can be opened and closed using the switches. Operating the switch moves the windows as follows:

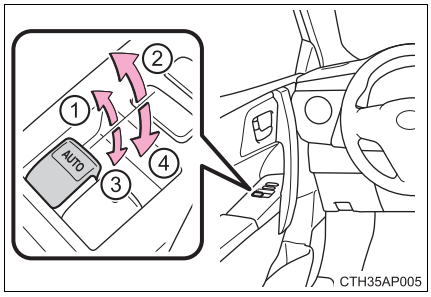
① Closing

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

③ Opening

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

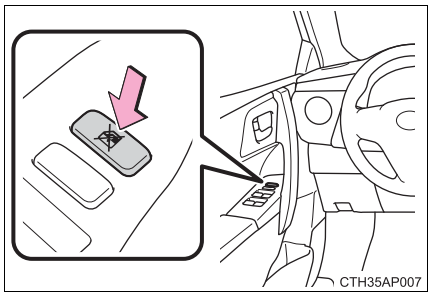
*: To stop the window partway, operate the switch in the opposite direction.



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.



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

The engine switch is in the "ON" position.

n **Operating the power windows after turning the engine off**

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

n **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.

n **Pinch protection function (driver's window only)**

While the window is opening, if an object is caught between the door and window, window travel is stopped.

n **If the power window does not close or open normally (driver's window only)**

If the jam protection function or pinch protection function is malfunctioning and a window cannot be closed or opened completely, perform the following operations using the power window switch of the driver's door:

- When not closing normally
  With the vehicle stopped and the engine switch in the "ON" position, within 4 seconds of the jam protection function operating, pull and hold the power window switch in the one-touch closing position. When the window is closed completely, release the switch.
- When not opening normally
  With the vehicle stopped and the engine switch in the "ON" position, within 4 seconds of the pinch protection function operating, press and hold the power window switch in the one-touch opening position. When the window is opened completely, release the switch.

If the window still cannot be closed or opened completely even though the above operations have been carried out, perform the following initialization procedure.

1. Turn the engine switch to the "ON" position.
2. Pull and hold the power window switch in the one-touch closing position.
3. When the window is closed completely, release the power window switch. Pull and hold the switch in the one-touch closing position again for approximately 6 seconds.
4. Press and hold the power window switch in the one-touch opening position. Continue pressing the switch for 1 second after the window has opened completely.
5. Release the power window switch, then press and hold the switch in the one-touch opening position again for approximately 4 seconds.
6. Pull and hold the power window switch in the one-touch closing position. Continue pulling the switch for 1 second after the window has closed.

If you release the switch while the window is moving, perform the procedure again from the beginning.

If, after performing the above procedure correctly, the window continues to close but then re-open slightly or open but then close again slightly, have the vehicle inspected by your Scion 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. 106)
- 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.

Pinch protection function (driver's window only)

- Do not use a hand, arm, or clothing to intentionally activate the pinch protection function.
- The pinch protection function may not operate if something gets caught just before the window is fully opened. Take care so that your hands, arms, or clothing do not get caught.

Driving 4

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Driving the vehicle

The following procedures should be observed to ensure safe driving:

Starting the engine

→P. 128

Driving

▶ Continuously variable transmission

1. With the brake pedal depressed, shift the shift lever to D. (→P. 131)
2. Release the parking brake. (→P. 138)
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. 135)
2. Release the parking brake. (→P. 138)
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. 131)

▶ 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. 135)

Parking the vehicle

▶ Continuously variable transmission

1. With the shift lever in D, depress the brake pedal.
2. Set the parking brake. (→P. 138)
3. Shift the shift lever to P. (→P. 131)

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

▶ Manual transmission

1. While depressing the clutch pedal, depress the brake pedal.
2. Set the parking brake. (→P. 138)
3. Shift the shift lever to N. (→P. 135)

   If parking on a hill, shift the shift lever to 1 or R and block the wheels as needed.
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.

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.

n **When starting off on an uphill**

The hill-start assist control will activate. (→P. 156)

n **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.

n **Engine speed while driving (vehicles with a continuously variable 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
- When the brake pedal is depressed while sport mode is selected
- When the brake pedal is depressed suddenly and vehicle speed is reduced sharply

n **Breaking in your new Scion**

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

- For the first 186 miles (300 km):
  Avoid sudden stops.
- For the first 621 miles (1000 km):
  - 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.

n **Operating your vehicle in a foreign country**

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P. 296)

WARNING

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

n **When starting the vehicle (vehicles with a continuously variable transmission)**

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

WARNING

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

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. 253
- 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. 131, 135)
- 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.
- Do not drive in excess of the speed limit. Even if the legal speed limit permits it, do not drive over 85 mph (140 km/h) unless your vehicle has high-speed capability tires. Driving over 85 mph (140 km/h) may result in tire failure, loss of control and possible injury. Be sure to consult a tire dealer to determine whether the tires on your vehicle are high-speed capability tires or not before driving at such speeds.

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

- Vehicles with a continuously variable 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.
- Vehicles with a continuously variable 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.
- Vehicles with a continuously variable 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.

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

Have the brake pads checked and replaced by your Scion 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.

n **When the vehicle is stopped**

l Do not race the engine.
If the vehicle is in any gear other than P (continuously variable transmission) or N, the vehicle may accelerate suddenly and unexpectedly, causing an accident.

l Vehicles with a continuously variable 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.

l 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.

l 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.

n **When the vehicle is parked**

l 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.
- Vehicles with a continuously variable 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.

  Vehicles with a 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.

n **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 power brake assist function 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

n **When driving the vehicle (vehicles with a continuously variable 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 (vehicles with a 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 (vehicles with a continuously variable transmission)

Always 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. 272)

When encountering flooded roads

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

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

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

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

Cargo and luggage

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

Capacity and distribution

Cargo capacity depends on the total weight of the occupants.

(Cargo capacity) = (Total load capacity) — (Total weight of occupants)

Steps for Determining Correct Load Limit —

(1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle’s placard.

(2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.

(3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.

(4) The resulting figure equals the available amount of cargo and luggage load capacity.

For example, if the “XXX” amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400 – 750 (5 × 150) = 650 lbs.)

(5) Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

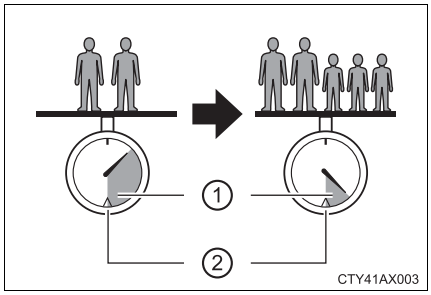
(→P. 123)

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

Calculation formula for your vehicle

① Cargo capacity

② Total load capacity (vehicle capacity weight) (→P. 294)



When 2 people with the combined weight of A lb. (kg) are riding in your vehicle, which has a total load capacity (vehicle capacity weight) of B lb. (kg), the available amount of cargo and luggage load capacity will be C lb. (kg) as follows:

B*2 lb. (kg) - A*1 lb. (kg) = C*3 lb. (kg)

*1: A =Weight of people

*2: B =Total load capacity

*3: C =Available cargo and luggage load

In this condition, if 3 more passengers with the combined weight of D lb. (kg) get on, the available cargo and luggage load will be reduced E lb. (kg) as follows:

C lb. (kg) - D*4 lb. (kg) = E*5 lb. (kg)

*4: D =Additional weight of people

*5: E =Available cargo and luggage load

As shown in the example above, if the number of occupants increases, the cargo and luggage load will be reduced by an amount that equals the increased weight due to the additional occupants. In other words, if an increase in the number of occupants causes an excess of the total load capacity (combined weight of occupants plus cargo and luggage load), you must reduce the cargo and luggage on your vehicle.

WARNING

n **Things that must not be carried in the luggage compartment**

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

l Receptacles containing gasoline

l Aerosol cans

n **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.

l Stow cargo and luggage in the luggage compartment whenever possible.

l Do not stack anything in the luggage compartment higher than the seatbacks.
Such items may be thrown about and possibly injure people in the vehicle in the event of sudden braking or in an accident.

l Do not place cargo or luggage in or on the following locations.

- At the feet of the driver
- On the front passenger or rear seats (when stacking items)
- On the luggage cover
- On the instrument panel
- On the dashboard
- Tray that has no lid

l Secure all items in the occupant compartment.

l When you fold down the rear seats, long items should not be placed directly behind the front seats.

l Never allow anyone to ride in the enlarged luggage compartment. It is not designed for passengers. They should ride in their seats with their seat belts properly fastened.

n **Capacity and distribution**

l Do not exceed the maximum axle weight rating or the total vehicle weight rating.

l Even if the total load of occupant's weight and the cargo load is less than the total load capacity, do not apply the load unevenly. Improper loading may cause deterioration of steering or braking control which may cause death or serious injury.

Vehicle load limits

Vehicle load limits include total load capacity, seating capacity, towing capacity and cargo capacity.

u Total load capacity (vehicle capacity weight): (→P. 294)

Total load capacity means the combined weight of occupants, cargo and luggage.

u Seating capacity: 5 occupants (Front 2, Rear 3)

Seating capacity means the maximum number of occupants whose estimated average weight is 150 lb. (68 kg) per person.

u Towing capacity

Scion does not recommend towing a trailer with your vehicle.

u Cargo capacity

Cargo capacity may increase or decrease depending on the weight and the number of occupants.

n **Total load capacity and seating capacity**
These details are also described on the tire and loading information label. (→P. 230)

WARNING

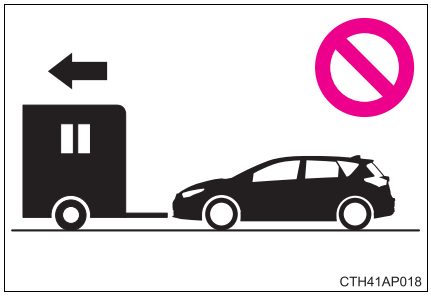
n **Overloading the vehicle**
Do not overload the vehicle.
It may not only cause damage to the tires, but also degrade steering and braking ability, resulting in an accident.

Trailer towing

Scion does not recommend towing a trailer with your vehicle. Scion 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.

Dinghy towing (vehicles with a continuously variable transmission)

Your vehicle is not designed to be dinghy towed (with 4 wheels on the ground) behind a motor home.

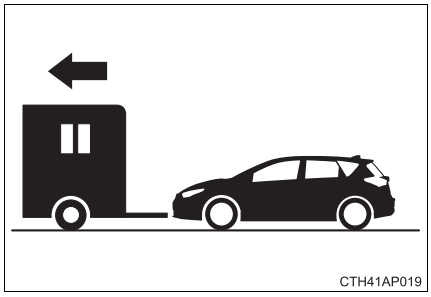


NOTICE

n **To avoid serious damage to your vehicle**
Do not tow your vehicle with all four wheels on the ground.

Dinghy towing (vehicles with a manual transmission)

Your vehicle can be dinghy towed (with 4 wheels on the ground) in a forward direction behind a motor home.



Towing your vehicle with 4 wheels on the ground

To prevent damage to your vehicle, perform the following procedure before towing.

1. Shift the shift lever to N.
2. Turn the engine switch to the “ACC” position. (→P. 128)

   Ensure that the audio system and other powered devices are turned off.
3. Release the parking brake.

   After towing, start the engine and let it idle for at least 3 minutes before driving the vehicle.

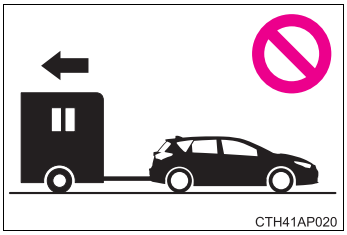
n **Necessary equipment and accessories**

Specialized equipment and accessories are required for dinghy towing. Contact the service branch of the motor home manufacturer regarding recommended equipment.

NOTICE

n **Dinghy towing direction**

Do not tow the vehicle backwards.
Doing so may cause serious damage.



n **To prevent the steering from locking**

Ensure that the engine switch is in the “ACC” position.

Engine (ignition) switch

Starting the engine

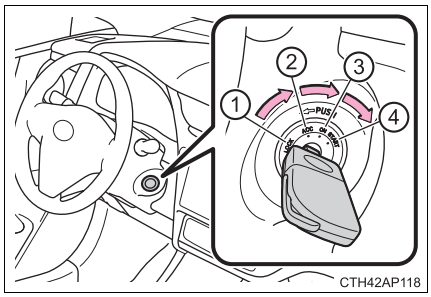
▶ Continuously variable transmission

1. Check that the parking brake is set.
2. Check that the shift lever is set in P.
3. 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. (Vehicles with a continuously variable transmission: The key can be removed only when the shift lever is in P.)

② “ACC”

Some electrical components such as the power outlet can be used.

③ “ON”

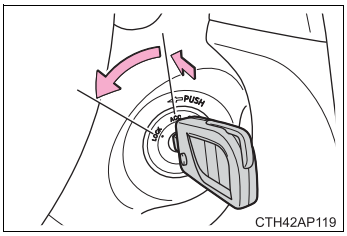
All electrical components can be used.

④ “START”

For starting the engine.

Turning the key from “ACC” to “LOCK”

1. Shift the shift lever to P (continuously variable transmission) or N (manual transmission). (→P. 131, 135)
2. Push in the key and turn it to the “LOCK” position.



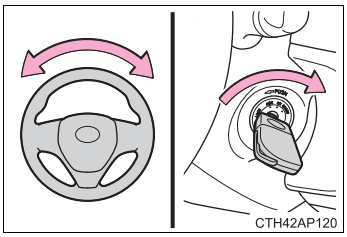
CTH42AP119

If the engine does not start

The engine immobilizer system may not have been deactivated. (→P. 66) Contact your Scion 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.



CTH42AP120

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. 253)

NOTICE

n **To prevent battery discharge**

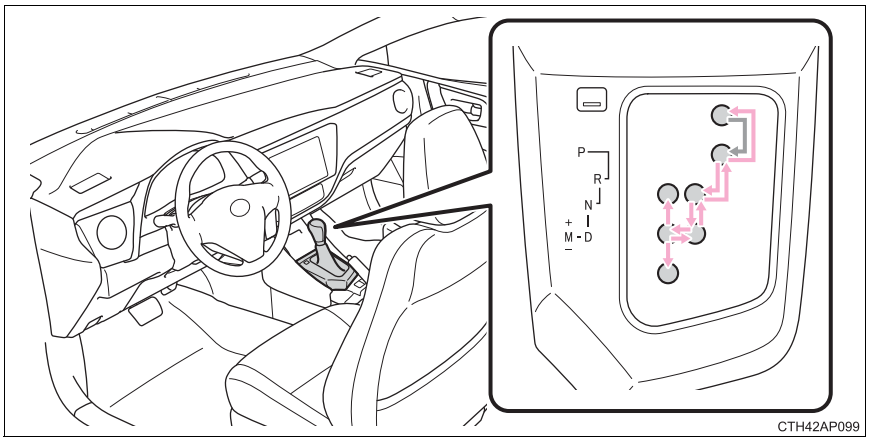
Do not leave the engine switch in the “ACC” or “ON” position for long periods of time without the engine running.

n **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 Scion dealer immediately.

Continuously variable transmission*

Shifting the shift lever



While the engine switch is in the “ON” position, 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.

*: If equipped

Shift position purpose

Shift position	Objective or function
P	Parking the vehicle/starting the engine
R	Reversing
N	Neutral
D	Normal driving*1
M	7-speed sport sequential shiftmatic mode driving*2 (→P. 133)

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

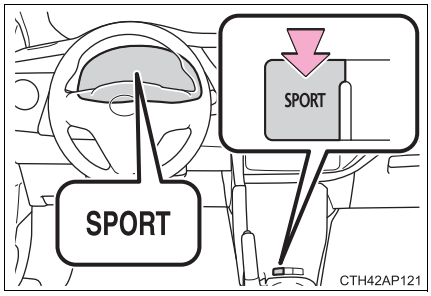
*2: Selecting gear step using the M position achieves suitable engine braking forces by operating the shift lever.

Sport mode

Press the switch.

For powerful acceleration and driving in mountainous regions.

Press the switch again to return to normal mode.



Changing gear steps in the M position

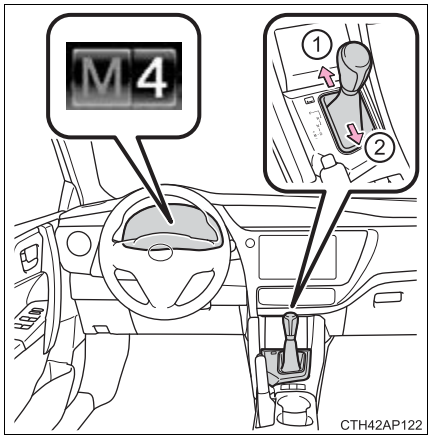
To enter 7-speed sport sequential shiftmatic mode, shift the shift lever to M. Gear steps can then be selected by operating the shift lever, allowing you to drive in the gear step of your choosing.

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.

n **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.

n **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 Scion dealer immediately.
(In this situation, the transmission will operate in the same manner as when the shift lever is in D.)

n **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.

n **When driving with cruise control activated**

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. 133)
- When switching the driving mode to sport mode while driving in D position. (→P. 132)

n **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.)

n **Sport mode automatic deactivation**

Sport mode is automatically deactivated if the engine switch is turned off after driving in sport mode.

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

→P. 284

n **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.)

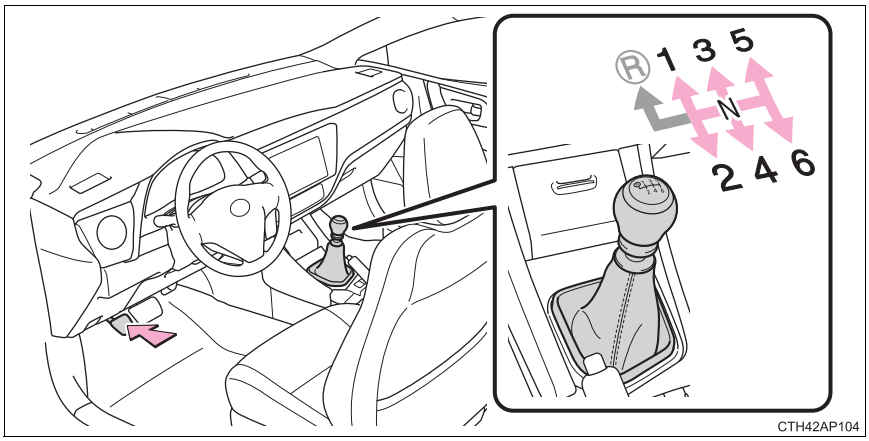
WARNING

n **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.

Manual transmission*

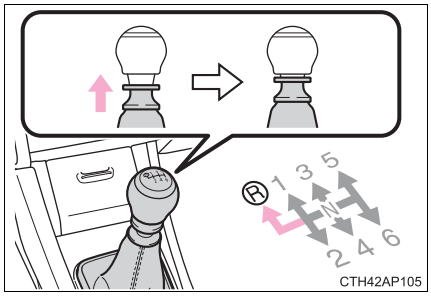
Shifting the shift lever



Fully depress the clutch pedal before operating the shift lever, and then release it slowly.

Shifting the shift lever to R

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



*: If equipped

n **Maximum allowable speeds**

Observe the following maximum allowable speeds in each gear when maximum acceleration is necessary.

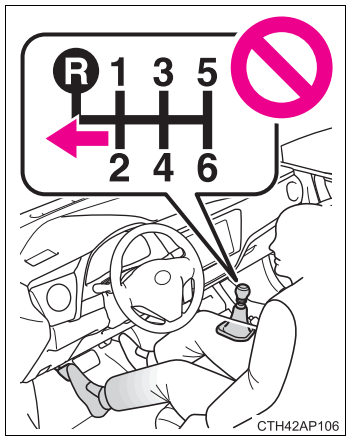
mph (km/h)

Shift position	Maximum speed
1	30 (49)
2	57 (91)
3	83 (133)
4	111 (179)

NOTICE

n **To prevent damage to the transmission**

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



l Do not lift up the ring section except when shifting the lever to R.

l Shift the shift lever to R only when the vehicle is stationary.

Turn signal lever

Operating instructions

① Right turn

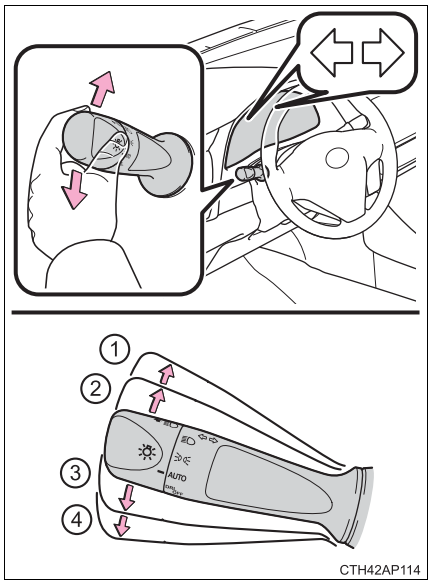
② Lane change to the right (move the lever partway and release it)

The right hand signals will flash 3 times.

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

The left hand signals will flash 3 times.

④ Left turn



n **Turn signals can be operated when**

The engine switch is in the “ON” position.

n **If the indicator flashes faster than usual**

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

n **Customization**

The number of times the turn signals flash during a lane change can be changed. (Customizable feature →P. 319)

Parking brake

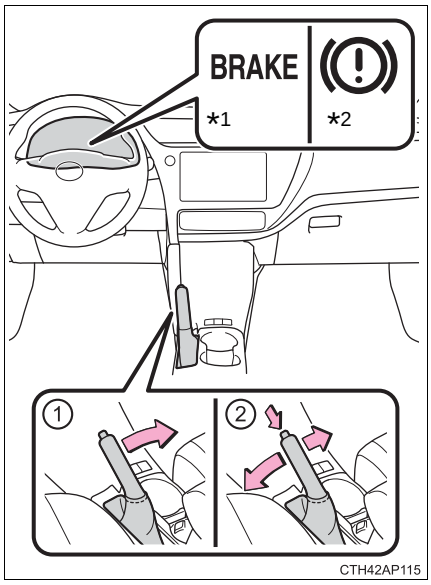
Operating instructions

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.

*1: For U.S.A.

*2: For Canada



n **Parking brake engaged warning buzzer**

If the vehicle is driven at a speed of approximately 3 mph (5 km/h) or more with the parking brake engaged, a buzzer will sound.
“Release Parking Brake.” will be displayed on the multi-information display.

n **Usage in winter time**

→P. 162

NOTICE

n **Before driving**

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

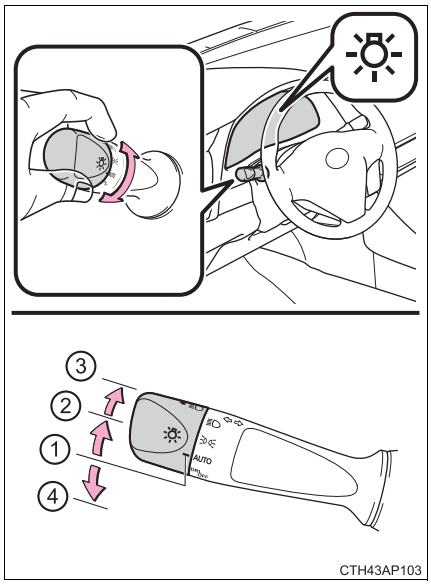
Headlight switch

The headlights can be operated manually or automatically.

Operating instructions

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

▶ Type A



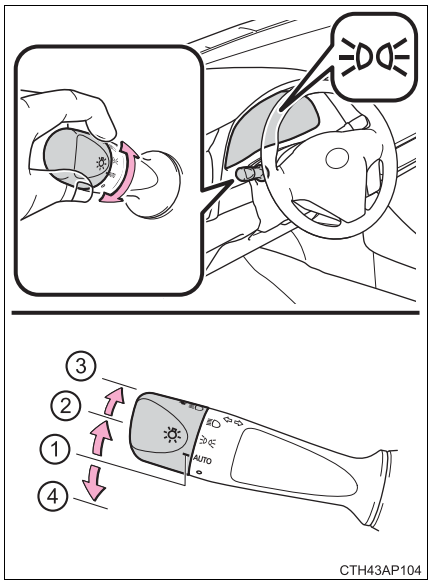
① AUTO The headlights and all the lights listed below turn on and off automatically.
(When the engine switch is in the “ON” position)

② The side marker, parking, tail, license plate, daytime running lights (→P. 141) and instrument panel lights turn on.

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

④ DRL OFF The daytime running lights turn off.

▶ Type B



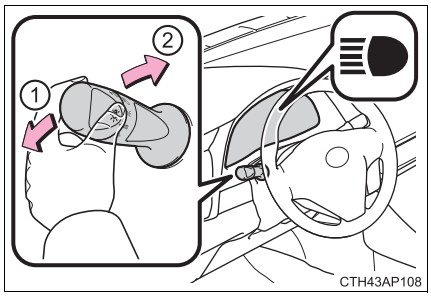
① AUTO The headlights and all the lights listed below turn on and off automatically.
(When the engine switch is in the "ON" position)

② The side marker, parking, tail, license plate, daytime running lights (→P. 141) and instrument panel lights turn on.

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

④ The daytime running lights turn on. (→P. 141)

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.

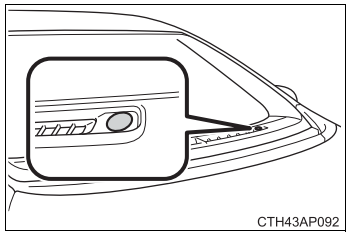
n **Daytime running light system**

l 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 or in the AUTO position. (Illuminate brighter than the parking lights.)
Daytime running lights are not designed for use at night.
For the U.S.A.: Daytime running lights can be turned off by operating the switch.

l Compared to turning on the headlights, the daytime running light system offers greater durability and consumes less electricity, so it can help improve fuel economy.

n **Headlight control sensor**

The sensor may not function properly if an object is placed on the sensor, or anything that blocks the sensor is affixed to the windshield.
Doing so interferes with the sensor detecting the level of ambient light and may cause the automatic headlight system to malfunction.



n **Automatic light off system**

l When the headlights are on: The headlights and tail lights turn off 30 seconds after the engine switch is turned to the “ACC” or “LOCK” position and a door is opened and closed. (The lights turn off immediately if on the key is pressed after all the doors are locked.)

l When only the tail lights are on: The tail lights turn off automatically if the engine switch is turned to the “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 light switch off once and then back to or .
If any of the doors is kept open, the lights automatically turn off after 20 minutes.

n **Light reminder buzzer**

A buzzer sounds when the engine switch is turned to “LOCK” position and the driver's door is opened while the lights are turned on.

n **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 “ACC” or “LOCK” position.

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

- When the engine switch is turned to the “ON” position.
- When the light switch is operated
- When the door is opened or closed

n **Customization**

Settings (e.g. light sensor sensitivity) can be changed.
(Customizable features: →P. 319)

NOTICE

n **To prevent battery discharge**

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

Windshield wipers and washer

Operating the wiper lever

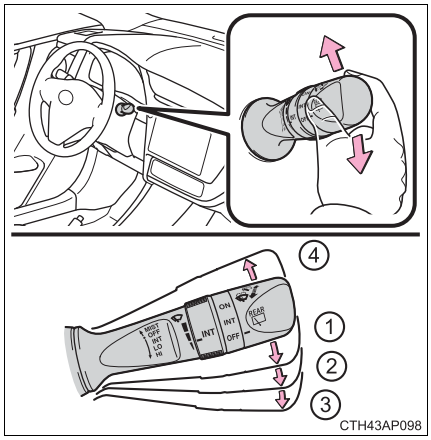
The wiper operation is selected by moving the lever as follows. When intermittent windshield wiper operation is selected, the wiper interval can be also adjusted.

① **INT** *1 or *2
Intermittent windshield wiper operation

② **LO** *1 or *2
Low speed windshield wiper operation

③ **HI** *1 or *2
High speed windshield wiper operation

④ **MIST** *1 or *2
Temporary operation



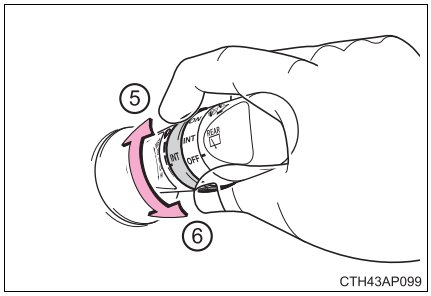
*1: For U.S.A.

*2: For Canada

Wiper intervals can be adjusted when intermittent operation is selected.

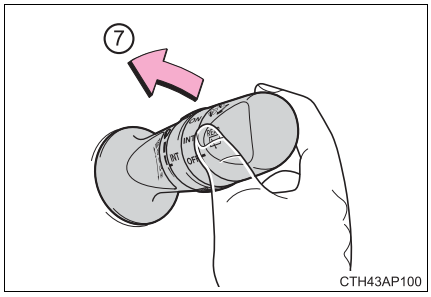
⑤ Increases the intermittent windshield wiper frequency

⑥ Decreases the intermittent windshield wiper frequency



⑦ Washer/wiper dual operation

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



n **The windshield wiper and washer can be operated when**

The engine switch is in the “ON” position.

n **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

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

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

NOTICE

n **When the windshield is dry**

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

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

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

n **When a nozzle becomes blocked**

In this case, contact your Scion dealer.
Do not try to clear it with a pin or other object. The nozzle will be damaged.

Rear window wiper and washer

Operating instructions

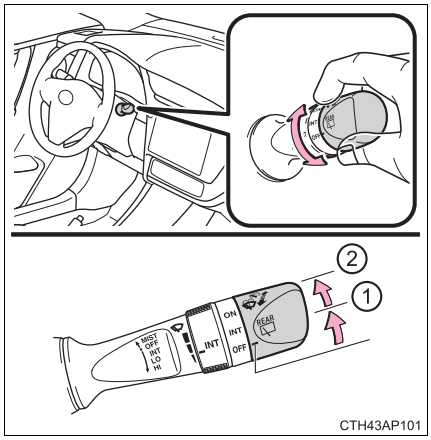
The wiper operation is selected by moving the lever as follows:

① **INT** *1 or ▬▬▬ *2
Intermittent window wiper operation

② **ON** *1 or ▬ *2
Normal window wiper operation

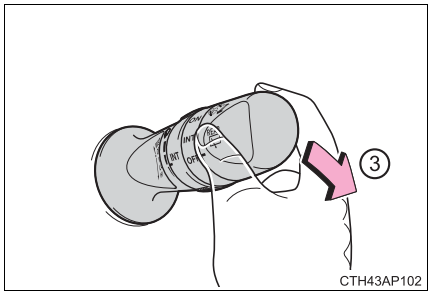
*1: For U.S.A.

*2: For Canada



③ Washer/wiper dual operation

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



n **The rear window wiper and washer can be operated when**

The engine switch is in the “ON” position.

n **If no windshield washer fluid sprays**

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

NOTICE

- **When the rear window is dry**
  Do not use the wiper, as it may damage the rear window.
- **When the washer fluid tank is empty**
  Do not operate the switch continually as the washer fluid pump may overheat.
- **When a nozzle becomes blocked**
  In this case, contact your Scion 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 to the “LOCK” position and ensure that all the doors and windows are closed.
- Confirm the type of fuel.

---

n **Fuel types**

→P. 303

n **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

n **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.

n **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.

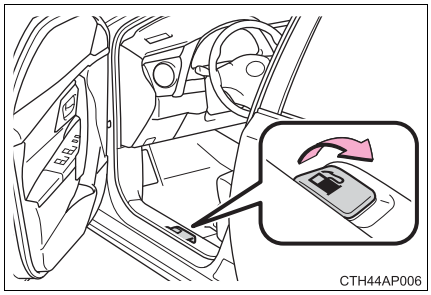
NOTICE

n **Refueling**

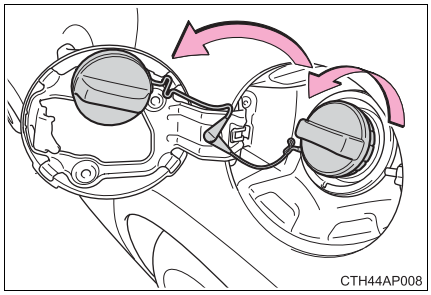
Do not spill fuel during refueling.
Doing so may damage the vehicle, such as causing the emission control system to operate abnormally or damaging fuel system components or the vehicle's painted surface.

Opening the fuel tank cap

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

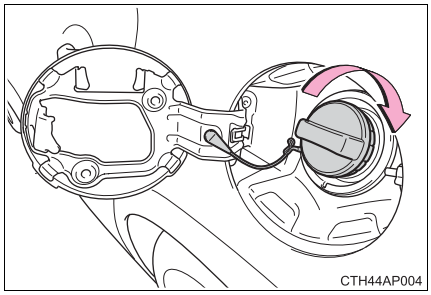


2 Turn the fuel tank cap slowly to remove it and hang it on the back of the fuel filler door.



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

n **When replacing the fuel tank cap**

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

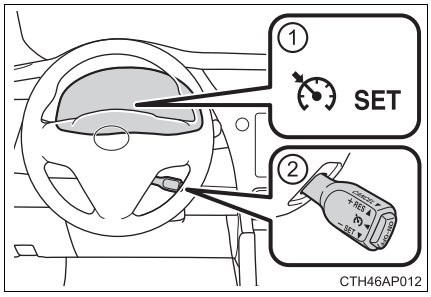
Cruise control

Summary of functions

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

① Indicators

② Cruise control switch

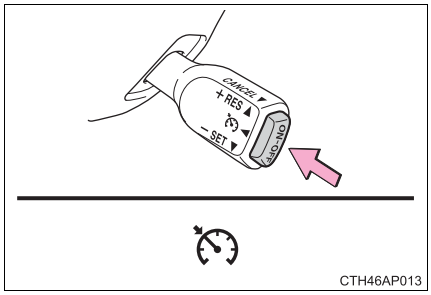


Setting the vehicle speed

1 Press the “ON-OFF” button to activate the cruise control.

Cruise control indicator will come on.

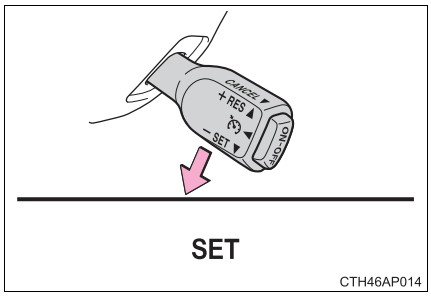
Press the button again to deactivate the cruise control.



2 Accelerate or decelerate, with accelerator pedal operation, to the desired vehicle speed (above approximately 25 mph [40 km/h]) and push the lever down to set the speed.

Cruise control “SET” indicator will come on.

The vehicle speed at the moment the lever is released becomes the set speed.



Adjusting the set speed

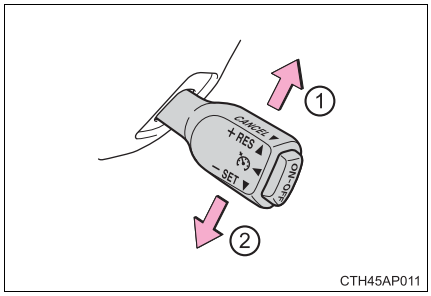
To change the set speed, operate the lever until the desired set speed is obtained.

① Increases the speed

② Decreases the speed

Fine adjustment: Momentarily move the lever in the desired direction.

Large adjustment: Hold the lever in the desired direction.



The set speed will be increased or decreased as follows:

Fine adjustment: By approximately 1 mph (1.6 km/h) each time the lever is operated.

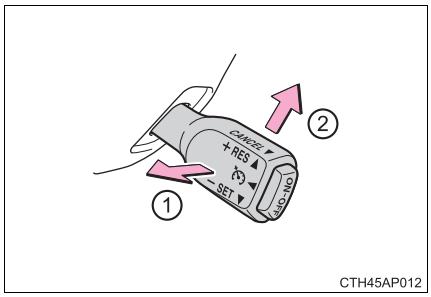
Large adjustment: The set speed can be increased or decreased continually until the lever is released.

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 brake pedal or clutch pedal (manual transmission only) is depressed.

② Pushing the lever up resumes the constant speed control.



However, resuming is available when the vehicle speed is more than approximately 25 mph (40 km/h).

n **Cruise control can be set when**

▶ Vehicles with a continuously variable transmission

l The shift lever is in the D or range 4 or higher of M has been selected.

l Vehicle speed is above approximately 25 mph (40 km/h).

▶ Vehicles with a manual transmission

Vehicle speed is above approximately 25 mph (40 km/h).

n **Accelerating after setting the vehicle speed**

l The vehicle can be accelerated by operating accelerator pedal. After accelerating, the set speed resumes.

l 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.

n **Automatic cruise control cancelation**

Cruise control is automatically canceled in any of the following situations.

l Actual vehicle speed falls more than approximately 10 mph (16 km/h) below the set speed.
At this time, the memorized set speed is not retained.

l Actual vehicle speed is below approximately 25 mph (40 km/h).

l VSC is activated.

l TRAC is activated for a period of time.

l When the VSC or TRAC system is turned off by pressing the VSC OFF switch.

n **If “Cruise Control Malfunction Visit Your Dealer” is displayed 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 Scion dealer.

WARNING

n **To avoid operating the cruise control by mistake**

Switch the cruise control off using the “ON-OFF” button when not in use.

n **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 help enhance driving safety and performance, the following systems operate automatically in response to various driving situations. Be aware, however, that these systems are supplementary and should not be relied upon too heavily when operating the vehicle.

u 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

u Brake assist

Generates an increased level of braking force after the brake pedal is depressed when the system detects a panic stop situation

u VSC (Vehicle Stability Control)

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

u TRAC (Traction Control)

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

u Hill-start assist control

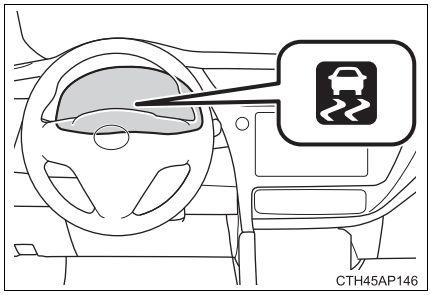
Helps to prevent the vehicle from rolling backward when starting on an incline

u EPS (Electric Power Steering)

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

When the TRAC or VSC system is operating

The slip indicator light will flash while the TRAC or VSC system is operating.



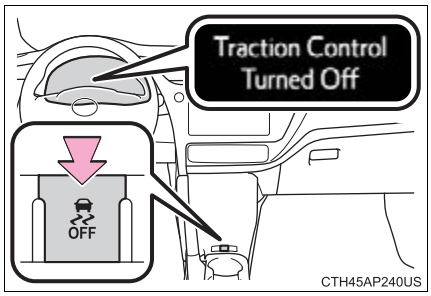
Disabling the TRAC system

If the vehicle gets stuck in mud, dirt or snow, the TRAC 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 TRAC system off, quickly press and release .

The “Traction Control Turned Off” will be shown on the multi-information display.

Press again to turn the system back on.



n **Turning off both TRAC and VSC systems**

To turn the TRAC and VSC systems off, press and hold for more than 3 seconds while the vehicle is stopped.

The VSC OFF indicator light will come on and the “Traction Control Turned Off” will be shown on the multi-information display.

Press again to turn the systems back on.

n **When the message is displayed on the multi-information display showing that TRAC has been disabled even if has not been pressed**

TRAC and hill-start assist control cannot be operated. Contact your Scion dealer.

n **Sounds and vibrations caused by the ABS, brake assist, TRAC and VSC systems**

l A sound may be heard from the engine compartment when the engine is started or just after the vehicle begins to move. This sound does not indicate that a malfunction has occurred in any of these systems.

l Any of the following conditions may occur when the above systems are operating. None of these indicates that a malfunction has occurred.

- Vibrations may be felt through the vehicle body and steering.
- A motor sound may be heard after the vehicle comes to a stop.
- The brake pedal may pulsate slightly after the ABS is activated.
- The brake pedal may move down slightly after the ABS is activated.

n **EPS operation sound**

When the steering wheel is operated, a motor sound (whirring sound) may be heard. This does not indicate a malfunction.

n **Automatic reactivation of TRAC and VSC systems**

After turning the TRAC and VSC systems off, the systems will be automatically re-enabled in the following situations:

l When the engine switch is turned to the “LOCK” position

l If only the TRAC system is turned off, the TRAC will turn on when vehicle speed increases
If both the TRAC and VSC systems are turned off, automatic re-enabling will not occur when vehicle speed increases.

n **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.

n **Operating conditions of hill-start assist control**

When the following four conditions are met, the hill-start assist control will operate:

- Vehicles with a continuously variable transmission: The shift lever is in a position other than P or N (when starting off forward/backward on an upward incline).
- Vehicles with a manual transmission: The shift lever is in a position other than R when starting off forward on an upward incline or in R when starting off backward on an upward incline.
- The vehicle is stopped.
- The accelerator pedal is not depressed.
- The parking brake is not engaged.

n **Automatic system cancelation of hill-start assist control**

The hill-start assist control will turn off in any of the following situations:

- Vehicles with a continuously variable transmission: The shift lever is moved to P or N.
- Vehicles with a manual transmission: The shift lever is shifted to R when starting off forward on an upward incline or from R when starting off backward on an upward incline.
- The accelerator pedal is depressed.
- The parking brake is engaged.
- Approximately 2 seconds elapse after the brake pedal is released.

WARNING

- **The ABS does not operate effectively when**
  - The limits of tire gripping performance have been exceeded (such as excessively worn tires on a snow covered road).
  - The vehicle hydroplanes while driving at high speed on wet or slick 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 over bumps in the road
  - When driving over roads with potholes or uneven surfaces
- **TRAC may not operate effectively when**

  Directional control and power may not be achievable while driving on slippery road surfaces, even if the TRAC system is operating.
  Drive the vehicle carefully in conditions where stability and power may be lost.
- **Hill- start assist control does not operate effectively when**
  - Do not overly rely on hill-start assist control. Hill-start assist control may not operate effectively on steep inclines and roads covered with ice.
  - Unlike the parking brake, hill-start assist control is not intended to hold the vehicle stationary for an extended period of time. Do not attempt to use hill-start assist control to hold the vehicle on an incline, as doing so may lead to an accident.
- **When the VSC is activated**

  The slip indicator light flashes. Always drive carefully. Reckless driving may cause an accident. Exercise particular care when the indicator light flashes.
- **When the TRAC or VSC system is turned off**

  Be especially careful and drive at a speed appropriate to the road conditions. As these are the systems help ensure vehicle stability and driving force, do not turn the TRAC or VSC system off unless necessary.

WARNING

n **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, TRAC and VSC systems will not function correctly if different tires are installed on the vehicle.
Contact your Scion dealer for further information when replacing tires or wheels.

n **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.

  Ensure that all tires are the same size and brand.

Before driving the vehicle

Perform the following according to the driving conditions:

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

When driving the vehicle

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

When parking the vehicle

Park the vehicle and move the shift lever to P (continuously variable transmission), 1 or R (manual transmission) without setting the parking brake. The parking brake may freeze up, preventing it from being released. If necessary, block the wheels to prevent inadvertent sliding or creeping.

Selecting tire chains

Tire chains cannot be mounted.

Snow tires should be used instead.

WARNING

Driving with snow tires

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

- Use tires of the size specified.
- Maintain the recommended level of air pressure.
- Do not drive in excess of 75 mph (120 km/h), regardless of the type of snow tires being used.
- Use snow tires on all, not just some wheels.

NOTICE

Driving with tire chains

Do not fit tire chains. Tire chains may damage the vehicle body and adversely affect driving performance.

Repairing or replacing snow tires

Request repairs or replacement of snow tires from Scion dealers or legitimate tire retailers.
This is because the removal and attachment of snow tires affects the operation of the tire pressure warning valves and transmitters.

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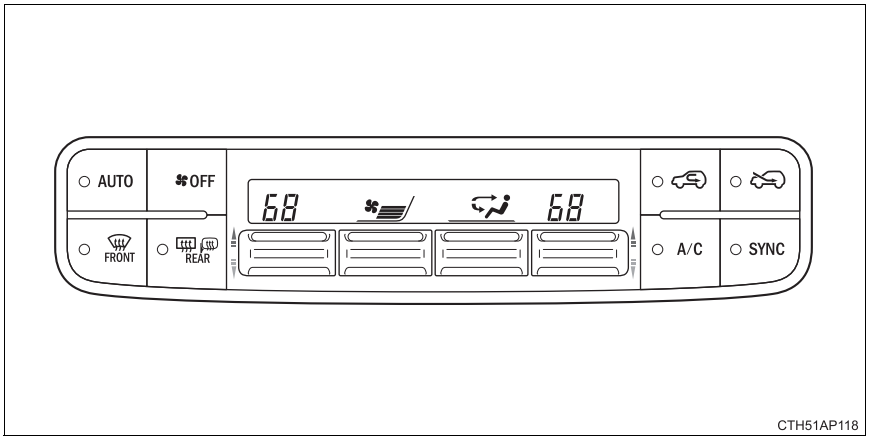
Automatic air conditioning system

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

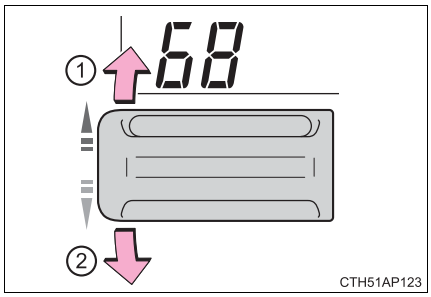
Air conditioning controls



n **Adjusting the temperature setting**

① Increases the temperature

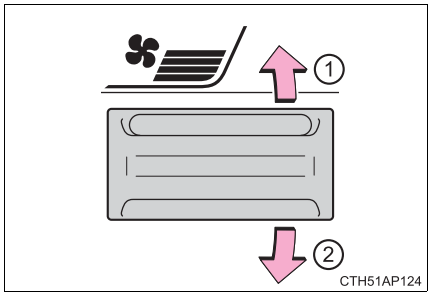
② Decreases the temperature



n Fan speed setting

① Increases the fan speed

② Decreases the fan speed



n Change the airflow mode

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

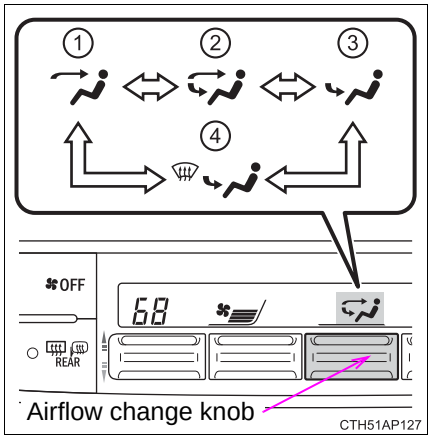
The air outlets used are changed each time the knob is operated.

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.



Using automatic mode

1 Press ○ AUTO .

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 ❄OFF .

n **Automatic mode indicator**

If the fan speed setting or air flow modes are operated, the automatic mode indicator goes off. However, automatic mode for functions other than that operated is maintained.

n **Adjusting the temperature for driver and passenger seats separately**

To turn on the dual control mode, perform any of the following procedures:

l Press ○ SYNC .

l Adjust the passenger's side temperature setting.

The indicator comes on when the dual control mode is on.

Other functions

n 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.

n 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.

n Defogging the rear window and outside rear view mirrors

Defoggers are used to defog the rear window, and to remove raindrops, dew and frost from the outside rear view mirrors.

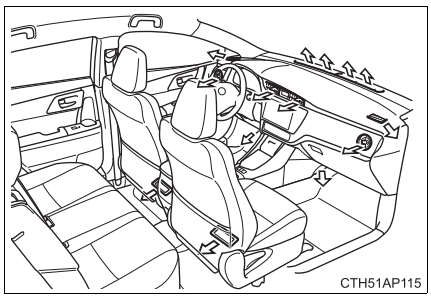
Press .

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

Air outlets

n Location of air outlets

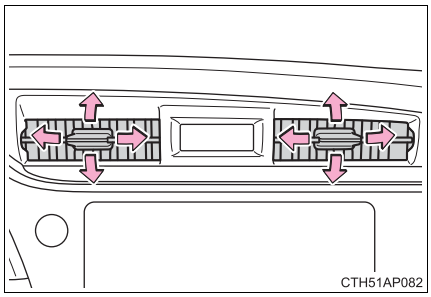
The air outlets and air volume change according to the selected airflow mode.
(→P. 167)



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

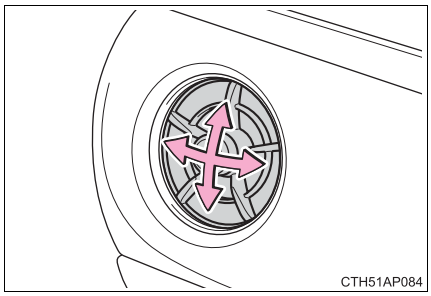
▶ Front center outlets

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



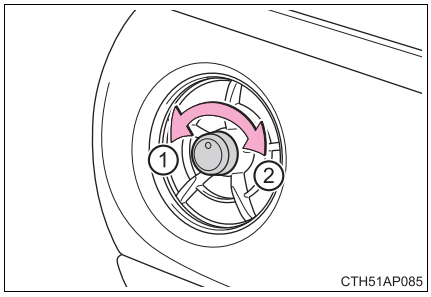
▶ Front side outlets

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



① Open the vent

② Close the vent



n **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 AUTO is pressed.

n **Fogging up of the windows**

l The windows will easily fog up when the humidity in the vehicle is high. Turning A/C on will dehumidify the air from the outlets and defog the windshield effectively.

l If you turn A/C off, the windows may fog up more easily.

l The windows may fog up if the recirculated air mode is used.

n **Outside/recirculated air mode**

l When driving on dusty roads such as tunnels or in heavy traffic, set the outside/recirculated air mode button to the recirculated air mode. This is effective in preventing outside air from entering the vehicle interior. During cooling operation, setting the recirculated air mode will also cool the vehicle interior effectively.

l Outside/recirculated air mode may automatically switch depending on the temperature setting or the inside temperature.

n **When the outside temperature exceeds 75°F (24°C) and the air conditioning system is on**

l In order to reduce the air conditioning power consumption, the air conditioning system may switch to recirculated air mode automatically. This may also reduce fuel consumption.

l Recirculated air mode is selected as a default mode when the engine switch is turned to the “ON” position.

l It is possible to switch to outside air mode at any time by pressing .

n **Ventilation and air conditioning odors**

l To let fresh air in, set the air conditioning system to the outside air mode.

l 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.

l 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.

n **Air conditioning filter**

→P. 235

n **Customization**

Settings (e.g. air conditioning setting) can be changed.
(Customizable features →P. 319)

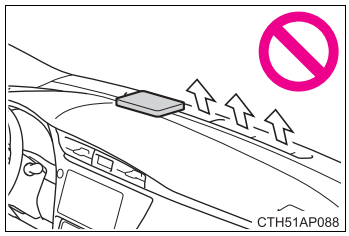
WARNING

n **To prevent the windshield from fogging up**

l 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.

l 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.



n **To prevent burns**

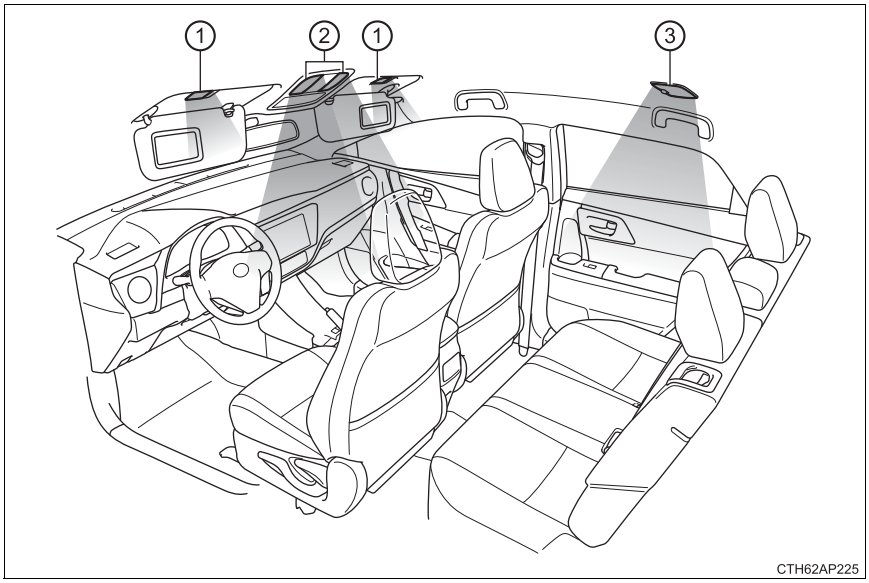
Do not touch the rear view mirror surfaces when the outside rear view mirror defoggers are on.

NOTICE

n **To prevent battery discharge**

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

Interior lights list



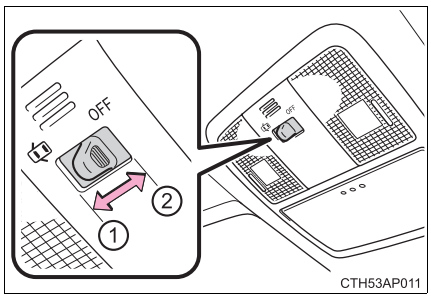
① Vanity lights (→P. 175)
② Front interior/front personal lights (→P. 174)
③ Rear interior light (→P. 175)

Front interior light/front personal lights

n Front interior light

① Door position on

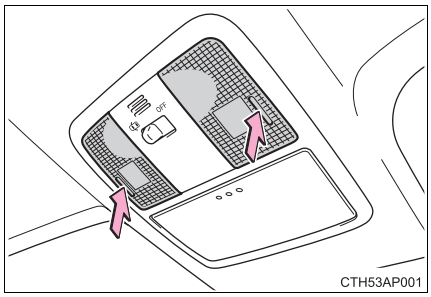
② Off



n Front personal lights

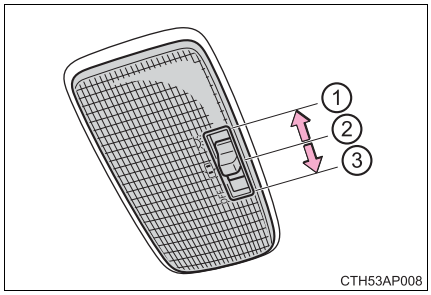
On/off

When the lights are on due to the door link switch, a light will not turn off even if its lens is pressed.



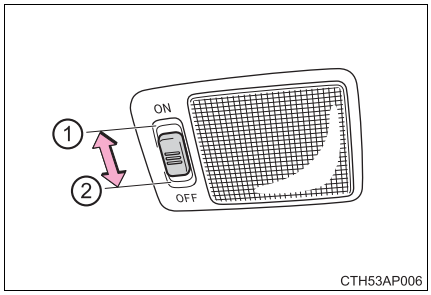
Rear interior light

① On
② Door position
③ Off



Vanity lights

① On
② Off



n **Illuminated entry system**

When the interior light switch is in the door position, the interior lights automatically turn on/off according to the engine switch position, whether the doors are locked/unlocked and whether the doors are open/closed.

n **To prevent battery discharge**

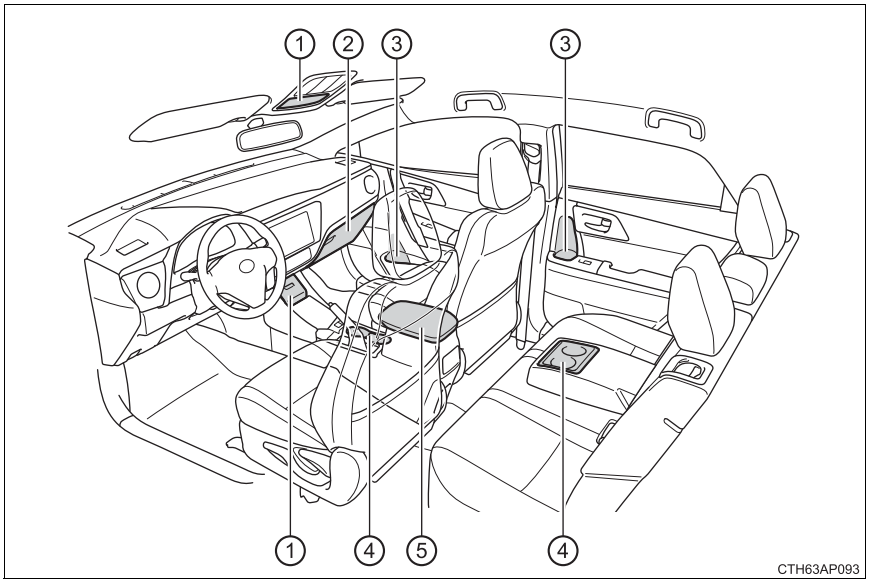
The following lights will turn off automatically after 20 minutes:

l Front interior/front personal lights
l Rear interior light
l Luggage compartment light
l Vanity lights

n **Customization**

Settings (e.g. the time elapsed before lights turn off) can be changed. (Customizable features: →P. 319)

List of storage features



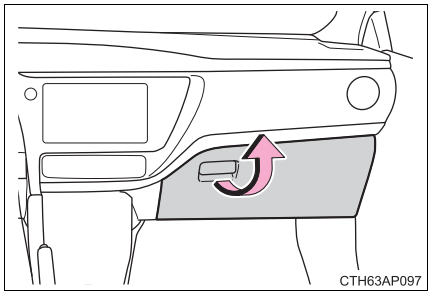
① Auxiliary boxes	(→P. 180)	④ Cup holders	(→P. 179)
② Glove box	(→P. 177)	⑤ Console box	(→P. 177)
③ Bottle holders	(→P. 178)		

WARNING

- Do not leave glasses, lighters or spray cans in the storage spaces, as this may cause the following when cabin temperature becomes high:
  - Glasses may be deformed by heat or cracked if they come into contact with other stored items.
  - Lighters or spray cans may explode. If they come into contact with other stored items, the lighter may catch fire or the spray can may release gas, causing a fire hazard.
- When driving or when the storage compartments are not in use, keep the lids closed.
  In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by an open lid or the items stored inside.

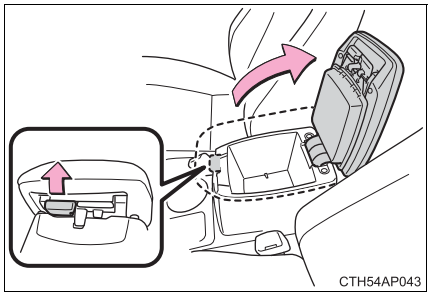
Glove box

Pull up the lever to open the glove box.



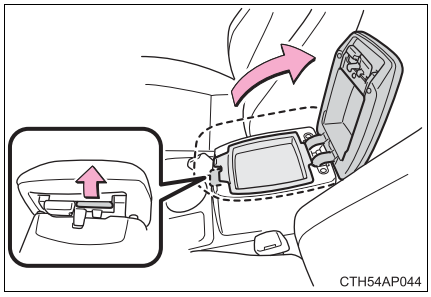
Console box

▶ Console box



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

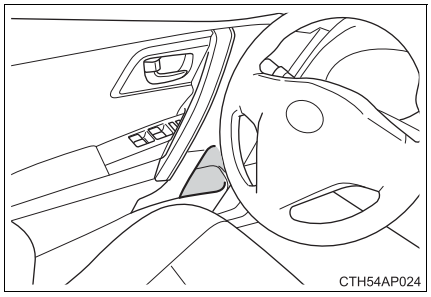
▶ Upper level box



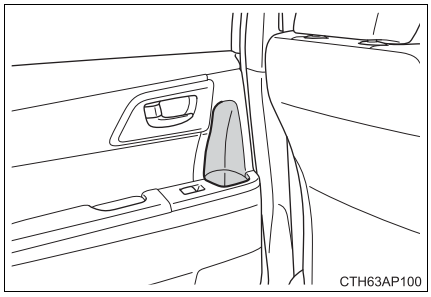
Lift the lid while pulling up the knob on the left seat side.

Bottle holders

▶ Front



▶ Rear



- When storing a bottle, close the cap.
- The bottle may not be stored depending on its size or shape.

WARNING

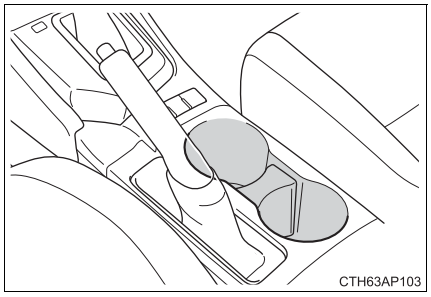
Do not place anything other than a bottle in the bottle holders.
Other items may be thrown out of the holders in the event of an accident or sudden braking and cause injury.

NOTICE

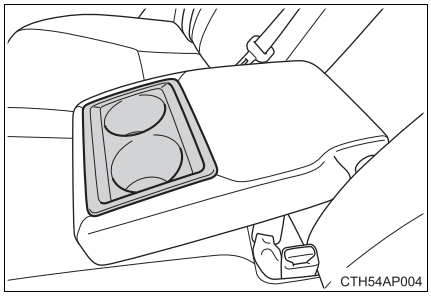
Put the cap on before stowing a bottle. Do not place open bottles in the bottle holders, or glass or paper cups containing liquid. The contents may spill and glass cups may break.

Cup holders

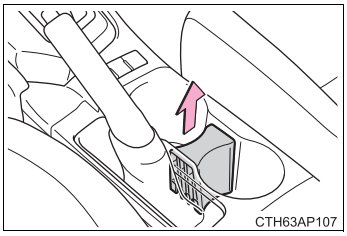
▶ Front



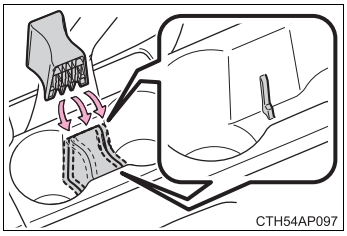
▶ Rear



- The insert for the front cup holders can be removed for cleaning.



- The front cup holders can be adjusted to the appropriate size for a cup or drink can by changing the insert position.

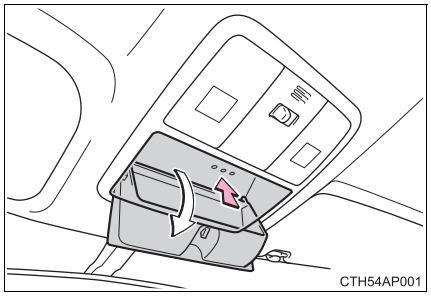


WARNING

Do not place anything other than cups or aluminum cans in the cup holders. Other items may be thrown out of the holders in the event of an accident or sudden braking, causing injury. If possible, cover hot drinks to prevent burns.

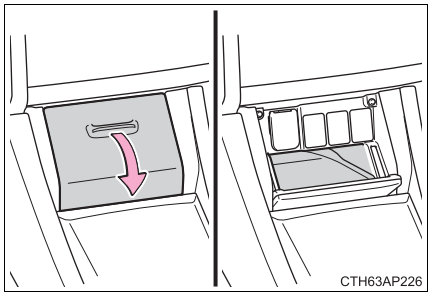
Auxiliary boxes

▶ Type A



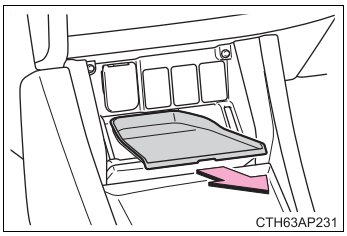
Push the lid to open.

▶ Type B



Pull the lid to open.

Type B only: The tray can be removed.



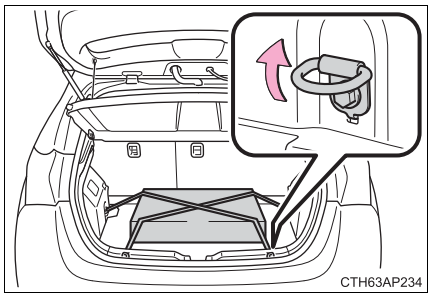
WARNING

- 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.
- Type A only: Do not store items heavier than 0.4 lb. (0.2 kg).
  Doing so may cause the auxiliary box to open and the items inside may fall out, resulting in an accident.

Luggage compartment features

Cargo hooks

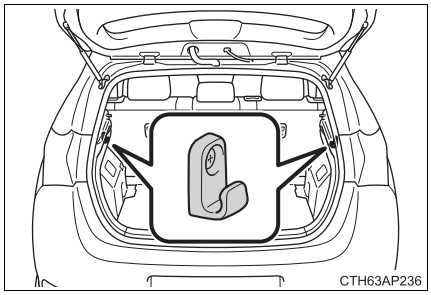
Cargo hooks are provided for securing loose items.



WARNING

To avoid injury, always return the cargo hooks to their positions when they are not in use.

Grocery bag hooks

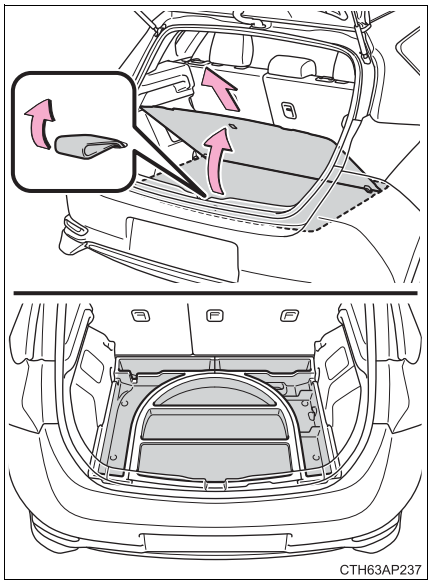


NOTICE

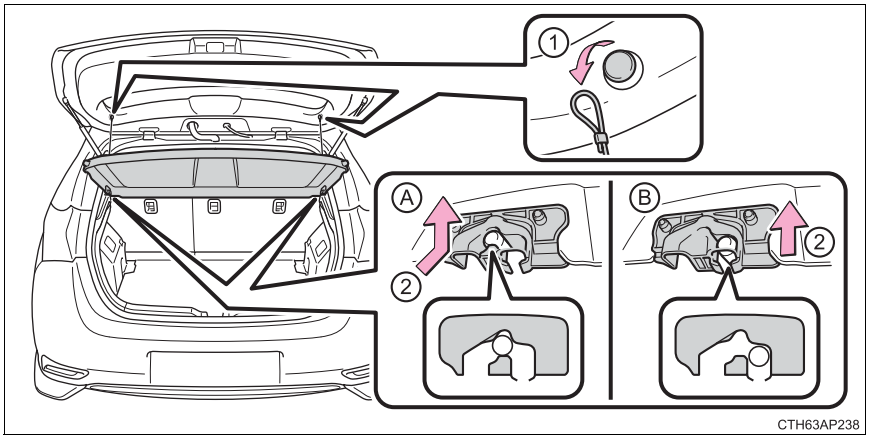
Do not hang any object heavier than 8.8 lb. (4 kg) on the grocery bag hook.

Auxiliary boxes

Lift the deck mat tab and pull it toward you to remove it.



Removing the luggage cover

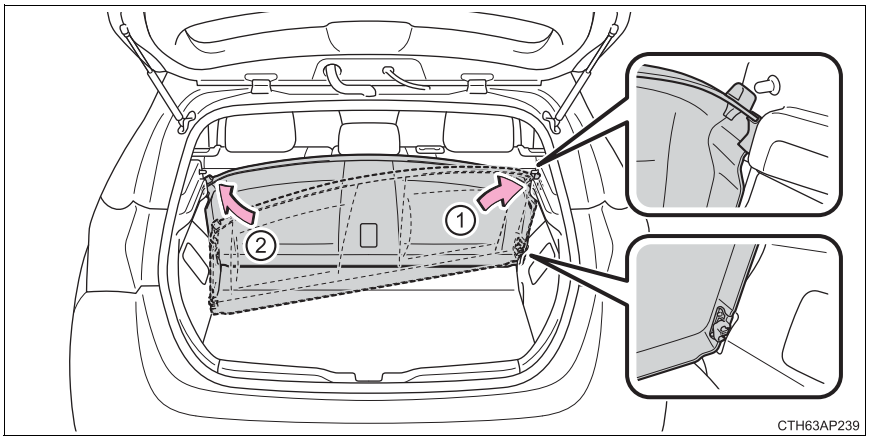


① Unhook the cords.

② Remove the cover from the anchors.

The cover can be removed by pulling it in the direction of the arrow labeled “A”.
If this does not work, pull the cover in the direction labeled “B”.

The luggage cover can be stowed on the back of the rear seats.



① Insert one side of the luggage cover into the gap between the back of the rear seat and deck side trim.

② While moving the luggage cover toward the back of the rear seat, insert the other side of the luggage cover.

Make sure that the luggage cover is securely installed.
When removing the luggage cover, reverse the steps listed.

NOTICE

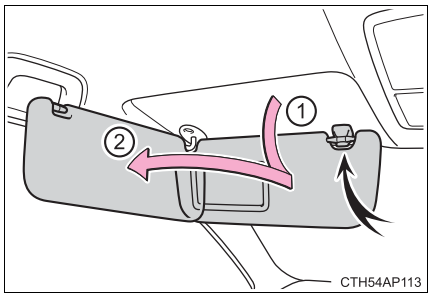
Do not apply a strong impact to the stored luggage cover. Doing so may damage the luggage cover.

Other interior features

Sun visors

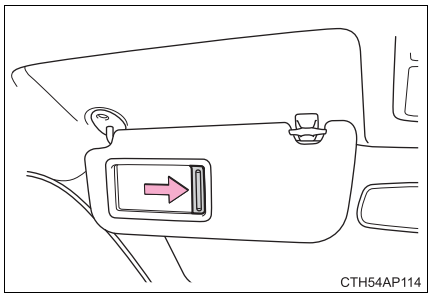
① To set the visor in the forward position, flip it down.

② To set the visor in the side position, flip down, unhook, and swing it to the side.



Vanity mirrors

Slide the cover to open.



Clock

The clock can be adjusted by pressing the buttons.

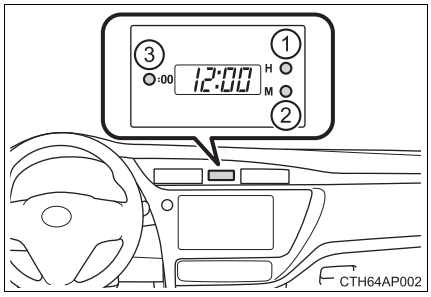
① Adjusts the hours

② Adjusts the minutes

③ Rounds to the nearest hour*

*: e.g.1:00 to 1:29 → 1:00

1:30 to 1:59 → 2:00

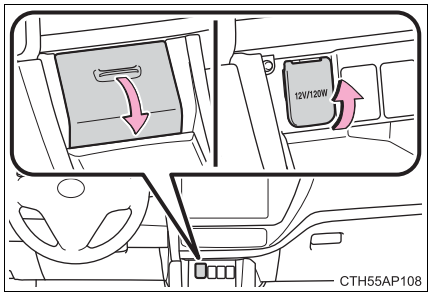


- The clock is displayed when the engine switch is in the “ACC” or “ON” position.
- When the battery terminals are disconnected and reconnected, the clock will automatically be set to 1:00.

Power outlet

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

Pull the lid to open it, then open the cover.



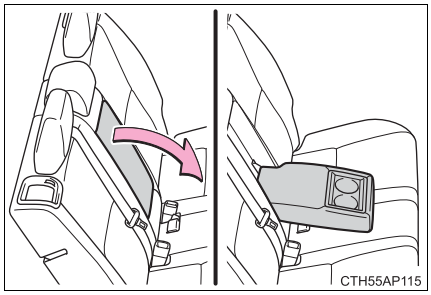
The power outlet can be used when the engine switch is in the “ACC” or “ON” position.

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 off.

Armrest

Fold down the armrest for use.

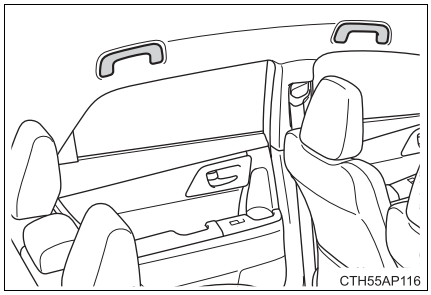


NOTICE

To prevent damage to the armrest, do not apply too much load on the armrest.

Assist grips

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



WARNING

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

NOTICE

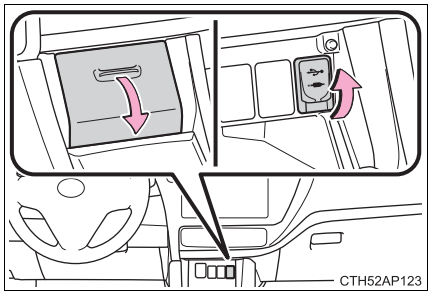
To prevent damage to the assist grip, do not hang any heavy object or put a heavy load on the assist grip.

Using the AUX port/USB port

This port can be used to connect a portable audio device and listen to it through the vehicle's speakers.

For more information, please refer to the "SCION Audio System Owner's Manual" or "SCION Navigation System Owner's Manual".

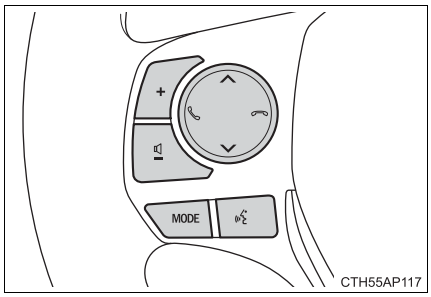
After pulling the lid to open, open the cover and connect the portable audio device.



Steering wheel audio switches

Some audio features (audio volume control, radio, CD player etc.) can be controlled using the switches on the steering wheel.

For more information, please refer to the “SCION Audio System Owner’s Manual” or “SCION Navigation System Owner’s Manual”.



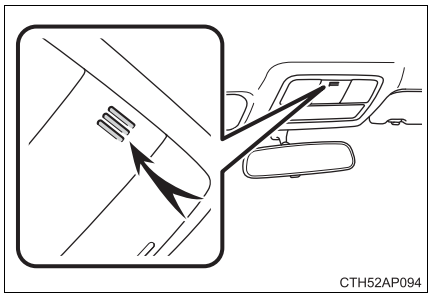
WARNING

To reduce the risk of an accident, exercise care when operating the audio switches on the steering wheel.

Using the microphone

The microphone can be used for the voice command in the Bluetooth® audio system or the hands-free phone system.

For more information, please refer to the “SCION Audio System Owner’s Manual” or “SCION Navigation System Owner’s Manual”.



Maintenance and care 6

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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 and harm your vehicle's paint.

High pressure car washes

- Do not allow the nozzles of the car wash to come within close proximity of the windows.
- Before using the car wash, check that the fuel filler door on your vehicle is closed properly.

Aluminum wheels

- Remove any dirt immediately by using a neutral detergent. Do not use hard brushes or abrasive cleaners. Do not use strong or harsh chemical cleaners.
  Use the same mild detergent and wax as used on the paint.
- Do not use detergent on the wheels when they are hot, for example after driving for long distance in the hot weather.
- Wash detergent from the wheels immediately after use.

Bumpers

Do not scrub with abrasive cleaners.

WARNING

n **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.

n **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 exhaust pipe until it has cooled sufficiently, as touching a hot exhaust pipe can cause burns.

NOTICE

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

l 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

l If the paint is chipped or scratched, have it repaired immediately.

l To prevent the wheels from corroding, remove any dirt and store in a place with low humidity when storing the wheels.

n **Cleaning the exterior lights**

l Wash carefully. Do not use organic substances or scrub with a hard brush. This may damage the surfaces of the lights.

l Do not apply wax to the surfaces of the lights.
Wax may cause damage to the lenses.

n **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 then the passenger side. When returning the wipers to their original position, do so from the passenger side first.

n **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

Cleaning and protecting the vehicle interior

The following procedures will help protect your vehicle's interior and keep it in top condition:

Protecting the vehicle interior

Remove dirt and dust using a vacuum cleaner. Wipe dirty surfaces with a cloth dampened with lukewarm water.

Cleaning the leather areas

- Remove dirt and dust using a vacuum cleaner.
- Wipe off any excess dirt and dust with a soft cloth dampened with diluted detergent.

  Use a diluted water solution of approximately 5% neutral wool detergent.
- Wring out any excess water from the cloth and thoroughly wipe off all remaining traces of detergent.
- Wipe the surface with a dry, soft cloth to remove any remaining moisture. Allow the leather to dry in a shaded and ventilated area.

Cleaning the synthetic leather areas

- Remove loose dirt using a vacuum cleaner.
- Apply a mild soap solution to the synthetic leather using a sponge or soft cloth.
- Allow the solution to soak in for a few minutes. Remove the dirt and wipe off the solution with a clean, damp cloth.

n **Caring for leather areas**

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

n **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.

n **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

n **Water in the vehicle**

l Do not splash or spill liquid in the vehicle.
Doing so may cause electrical components etc. to malfunction or catch fire.

l Do not get any of the SRS components or wiring in the vehicle interior wet. (→P. 34)
An electrical malfunction may cause the airbags to deploy or not function properly, resulting in death or serious injury.

n **Cleaning the interior (especially instrument panel)**

Do not use polish wax or polish cleaner. The instrument panel may reflect off the windshield, obstructing the driver's view and leading to an accident, resulting in death or serious injury.

NOTICE

Cleaning detergents

- Do not use the following types of detergent, as they may discolor the vehicle interior or cause streaks or damage to painted surfaces:
  - Non-seat portions: Organic substances such as benzene or gasoline, alkaline or acidic solutions, dye, and bleach
  - Seats: Alkaline or acidic solutions, such as thinner, benzene, and alcohol
- Do not use polish wax or polish cleaner. The instrument panel's or other interior part's painted surface may be damaged.

Preventing damage to leather surfaces

Observe the following precautions to avoid damage to and deterioration of leather surfaces:

- Remove any dust or dirt from leather surfaces immediately.
- Do not expose the vehicle to direct sunlight for extended periods of time. Park the vehicle in the shade, especially during summer.
- Do not place items made of vinyl, plastic, or containing wax on the upholstery, as they may stick to the leather surface if the vehicle interior heats up significantly.

Water on the floor

Do not wash the vehicle floor with water.
Vehicle systems such as the audio system may be damaged if water comes into contact with electrical components such as the audio system above or under the floor of the vehicle. Water may also cause the body to rust.

Cleaning the inside of the rear window

- Do not use glass cleaner to clean the rear window, as this may cause damage to the rear window defogger heater wires. Use a cloth dampened with lukewarm water to gently wipe the window clean. Wipe the window in strokes running parallel to the heater wires.
- Be careful not to scratch or damage the heater wires.

Maintenance requirements

To ensure safe and economical driving, day-to-day care and regular maintenance are essential. It is the owner's responsibility to perform regular checks. Scion recommends the following maintenance:

General maintenance

General maintenance should be performed on a daily basis. This can be done by yourself or by a Scion dealer.

Scheduled maintenance

Scheduled maintenance should be performed at specified intervals according to the maintenance schedule.

For details about maintenance items and schedules, refer to the "Scheduled Maintenance Guide" or "Owner's Manual Supplement".

Do-it-yourself maintenance

You can perform some maintenance procedures by yourself.
Please be aware that do-it-yourself maintenance may affect warranty coverage.

The use of Scion Repair Manuals is recommended.

For details about warranty coverage, refer to the separate "Owner's Warranty Information Booklet" or "Owner's Manual Supplement".

n **Repair and replacement**

It is recommended that genuine Scion parts be used for repairs to ensure performance of each system. If non-Scion parts are used in replacement or if a repair shop other than a Scion dealer performs repairs, confirm the warranty coverage.

n **Resetting the message indicating maintenance is required (U.S.A. only)**

After the required maintenance is performed according to the maintenance schedule, please reset the message.
To reset the message, follow the procedure described below:

1. While the engine is running, switch the multi-information display to the settings display. (→P. 76)
2. Select “Scheduled Maintenance” on the settings display.
3. Select “Yes” on the “Scheduled Maintenance” screen.

“The Data Has Been Reset” will be displayed on the multi-information display when the reset procedure has been completed.

n **Allow inspection and repairs to be performed by a Scion dealer**

- Scion technicians are well-trained specialists and are kept up to date with the latest service information. They are well informed about the operations of all systems on your vehicle.
- Keep a copy of the repair order. It proves that the maintenance that has been performed is under warranty coverage. If any problem should arise while your vehicle is under warranty, your Scion dealer will promptly take care of it.

WARNING

n **If your vehicle is not properly maintained**

Improper maintenance could result in serious damage to the vehicle and possible death or serious injury.

n **Handling of the battery**

- Engine exhaust, some of its constituents, and a wide variety of automobile components contain or emit chemicals known to the State of California to cause cancer and birth defects and other reproductive harm. Work in a well ventilated area.
- Oils, fuels and fluids contained in vehicles as well as waste produced by component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Avoid exposure and wash any affected area immediately.
- Battery posts, terminals and related accessories contain lead and lead compounds which are known to cause brain damage. Wash your hands after handling. (→P. 216)

General maintenance

Listed below are the general maintenance items that should be performed at the intervals specified in the “Owner’s Warranty Information Booklet” or “Owner’s Manual Supplement/Scheduled Maintenance Guide”. It is recommended that any problem you notice should be brought to the attention of your Scion dealer or qualified service shop for advice.

Engine compartment

Items	Check points
Battery	Check the connections. (→P. 216)
Brake fluid	Is the brake fluid at the correct level? (→P. 214)
Engine coolant	Is the engine coolant at the correct level? (→P. 212)
Engine oil	Is the engine oil at the correct level? (→P. 209)
Exhaust system	There should not be any fumes or strange sounds.
Radiator/condenser	The radiator and condenser should be free of foreign objects. (→P. 214)
Washer fluid	Is there sufficient washer fluid? (→P. 219)

Vehicle interior

Items	Check points
Accelerator pedal	• The accelerator pedal should move smoothly (without uneven pedal effort or catching).
Continuously variable transmission “Park” mechanism	• When parked on a slope and the shift lever is in P, is the vehicle securely stopped?
Brake pedal	• Does the brake pedal move smoothly? • Does the brake pedal have appropriate clearance from the floor? (→P. 301) • Does the brake pedal have the correct amount of free play? (→P. 301)
Brakes	• The vehicle should not pull to one side when the brakes are applied. • The brakes should work effectively. • The brake pedal should not feel spongy. • The brake pedal should not get too close to the floor when the brakes are applied.
Clutch pedal	• Does the clutch pedal move smoothly? • Does the clutch pedal have appropriate clearance from the floor? (→P. 300) • Does the clutch pedal have the correct amount of free play? (→P. 300)

Items	Check points
Head restraints	• Do the head restraints move smoothly and lock securely?
Indicators/buzzers	• Do the indicators and buzzers function properly?
Lights	• Do all of the lights come on?
Parking brake	• Does the parking brake move smoothly? • When parked on a slope and the parking brake is on, is the vehicle securely stopped?
Seat belts	• Do the seat belts operate smoothly? • The seat belts should not be damaged.
Seats	• Do the seat controls operate properly?
Steering wheel	• Does the steering wheel rotate smoothly? • Does the steering wheel have the correct amount of free play? • There should not be any strange sounds coming from the steering wheel.

Vehicle exterior

Items	Check points
Doors	• Do the doors operate smoothly?
Engine hood	• Does the engine hood lock system work properly?
Fluid leaks	• There should not be any signs of fluid leakage after the vehicle has been parked.
Tires	• Is the tire inflation pressure correct? • The tires should not be damaged or excessively worn. • Have the tires been rotated according to the maintenance schedule? • The wheel nuts should not be loose.
Windshield wipers/rear window wiper	• The wiper blades should not show any signs of cracking, splitting, wear, contamination or deformation. • The wiper blades should clear the windshield/rear window without streaking or skipping.

WARNING

n **If the engine is running**

Turn the engine off and ensure that there is adequate ventilation before performing maintenance checks.

Emission inspection and maintenance (I/M) programs

Some states have vehicle emission inspection programs which include OBD (On Board Diagnostics) checks. The OBD system monitors the operation of the emission control system.

If the malfunction indicator lamp comes on

The OBD system determines that a problem exists somewhere in the emission control system. Your vehicle may not pass the I/M test and may need to be repaired. Contact your Scion dealer to service the vehicle.

Your vehicle may not pass the I/M test in the following situations:

- When the battery is disconnected or discharged

  Readiness codes that are set during ordinary driving are erased. Also, depending on your driving habits, the readiness codes may not be completely set.
- When the fuel tank cap is loose

  The malfunction indicator lamp illuminates, indicating a temporary malfunction, and your vehicle may not pass the I/M test.

When the malfunction indicator lamp remains on after several driving trips

An OBD system error code will not be cleared unless the vehicle is driven 40 or more times.

If your vehicle does not pass the I/M test

Contact your Scion dealer to prepare the vehicle for re-testing.

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. 216)	• Warm water • Baking soda • Grease • Conventional wrench (for terminal clamp bolts)
Brake fluid level (→P. 214)	• FMVSS No.116 DOT 3 or SAE J1703 brake fluid • Rag or paper towel • Funnel (used only for adding brake fluid)
Engine coolant level (→P. 212)	• “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 For the U.S.A.: “Toyota Super Long Life Coolant” is pre-mixed with 50% coolant and 50% deionized water. For Canada: “Toyota Super Long Life Coolant” is pre-mixed with 55% coolant and 45% deionized water. • Funnel (used only for adding engine coolant)
Engine oil level (→P. 209)	• “Toyota Genuine Motor Oil” or equivalent • Rag or paper towel • Funnel (used only for adding engine oil)
Fuses (→P. 239)	• Fuse with same amperage rating as original
Light bulbs (→P. 242)	• Bulb with same number and wattage rating as original • Phillips-head screwdriver • Flathead screwdriver • Wrench
Radiator and condenser (→P. 214)	—
Tire inflation pressure (→P. 230)	• Tire pressure gauge • Compressed air source
Washer fluid (→P. 219)	• 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.

When working near the electric cooling fan or radiator grille

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. 214)

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

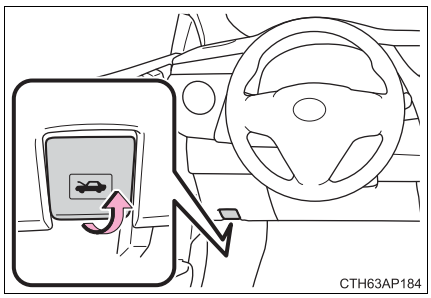
Driving with the air cleaner filter removed may cause excessive engine wear due to dirt in the air.

Hood

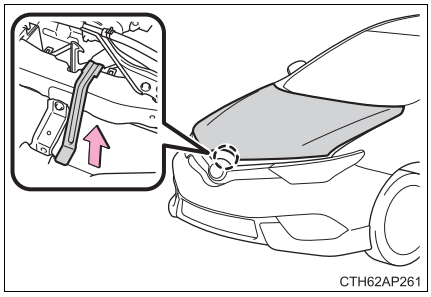
Release the lock from the inside of the vehicle to open the hood.

1 Pull the hood lock release lever.

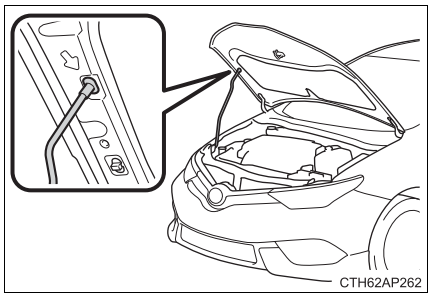
The hood will pop up slightly.



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

n **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.

n **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

n **When closing the hood**

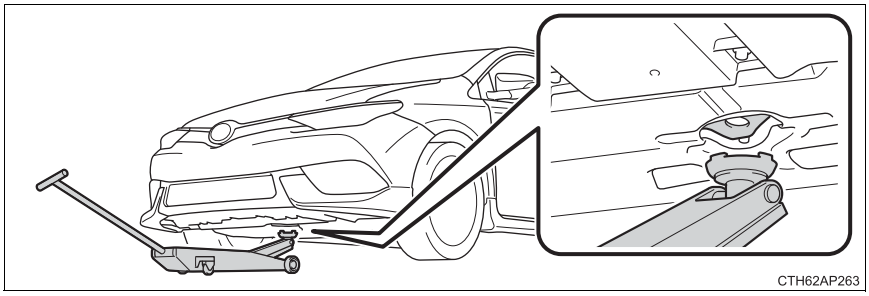
Be sure to return the support rod to its clip before closing the hood. Closing the hood with the support rod not clipped could cause the hood to bend.

Positioning a floor jack

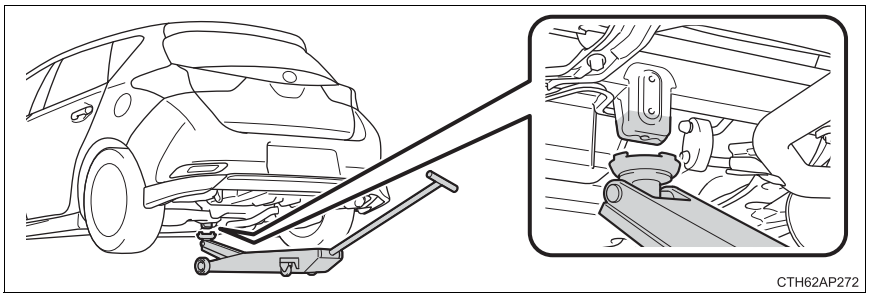
When using a floor jack, follow the instructions in the manual provided with the jack and perform the operation safely.

When raising your vehicle with a floor jack, position the jack correctly. Improper placement may damage your vehicle or cause injury.

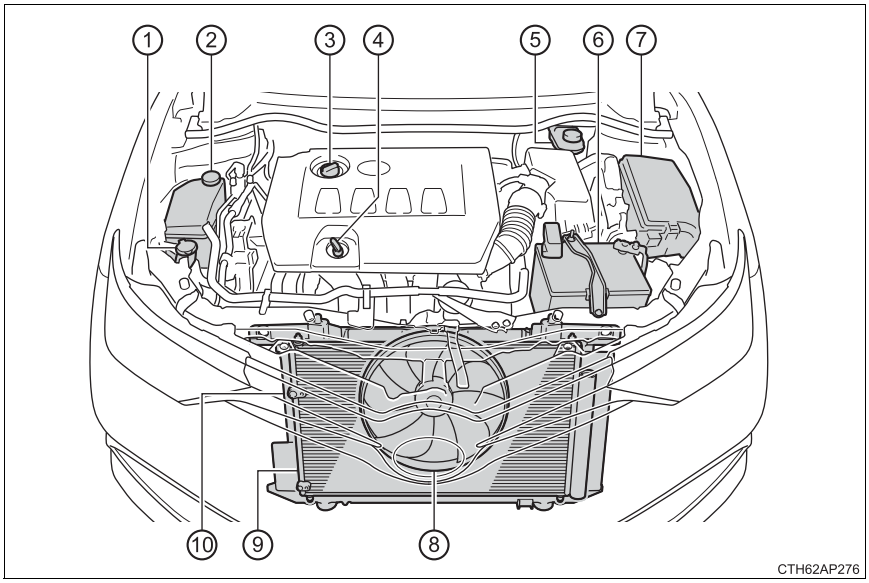
u Front



u Rear



Engine compartment



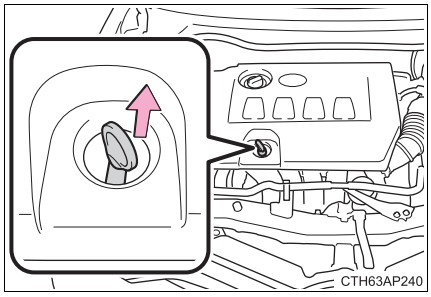
1. Washer fluid tank (→P. 219)
2. Engine coolant reservoir (→P. 212)
3. Engine oil filler cap (→P. 210)
4. Engine oil level dipstick (→P. 209)
5. Brake fluid reservoir (→P. 214)
6. Battery (→P. 216)
7. Fuse box (→P. 239)
8. Electric cooling fan
9. Condenser (→P. 214)
10. Radiator (→P. 214)

Engine oil

With the engine at operating temperature and turned off, check the oil level on the dipstick.

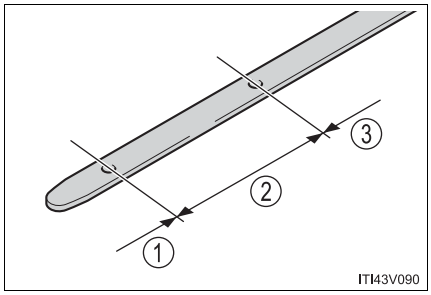
n Checking the engine oil

1. Park the vehicle on level ground. After warming up the engine and turning it off, wait more than 5 minutes for the oil to drain back into the bottom of the engine.
2. Holding a rag under the end, pull the dipstick out.



3. Wipe the dipstick clean.
4. Reinsert the dipstick fully.
5. Holding a rag under the end, pull the dipstick out and check the oil level.
   ① Low
   ② Normal
   ③ Excessive

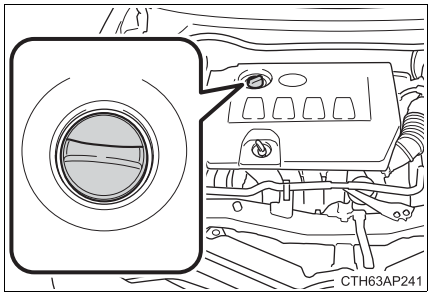
   The shape of the dipstick may differ depending on the type of vehicle or engine.



6. Wipe the dipstick and reinsert it fully.

n Adding engine oil

If the oil level is below or near the low level mark, add engine oil of the same type as that already in the engine.



Make sure to check the oil type and prepare the items needed before adding oil.

Engine oil selection	→P. 297
Oil quantity (Low → Full)	1.6 qt. (1.5 L, 1.3 Imp. qt.)
Items	Clean funnel

1. Remove the oil filler cap by turning it counterclockwise.
2. Add engine oil slowly, checking the dipstick.
3. Install the oil filler cap by turning it clockwise.

Engine oil consumption

A certain amount of engine oil will be consumed while driving. In the following situations, oil consumption may increase, and engine oil may need to be refilled in between oil maintenance intervals.

- When the engine is new, for example directly after purchasing the vehicle or after replacing the engine
- If low quality oil or oil of an inappropriate viscosity is used
- When driving at high engine speeds or with a heavy load, or when driving while accelerating or decelerating frequently
- When leaving the engine idling for a long time, or when driving frequently through heavy traffic

WARNING

Used engine oil

- Used engine oil contains potentially harmful contaminants which may cause skin disorders such as inflammation and skin cancer, so care should be taken to avoid prolonged and repeated contact. To remove used engine oil from your skin, wash thoroughly with soap and water.
- Dispose of used oil and filters only in a safe and acceptable manner. Do not dispose of used oil and filters in household trash, in sewers or onto the ground.
  Call your Scion 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

To prevent serious engine damage

Check the oil level on a regular basis.

When replacing the engine oil

- Be careful not to spill engine oil on the vehicle components.
- Avoid overfilling, or the engine could be damaged.
- Check the oil level on the dipstick every time you refill the vehicle.
- Be sure the engine oil filler cap is properly tightened.

Engine coolant

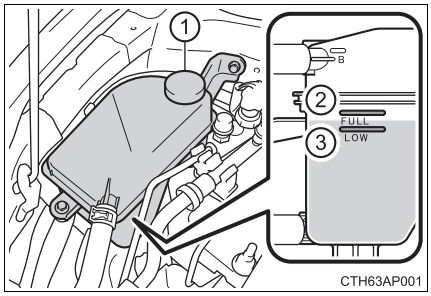
The coolant level is satisfactory if it is between the “FULL” and “LOW” lines on the reservoir when the engine is cold.

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. (→P. 288)



n **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.

For the U.S.A.: “Toyota Super Long Life Coolant” is a mixture of 50% coolant and 50% deionized water. (Minimum temperature: -31°F [-35°C])

For Canada: “Toyota Super Long Life Coolant” is a mixture of 55% coolant and 45% deionized water. (Minimum temperature: -44°F [-42°C])

For more details about engine coolant, contact your Scion dealer.

n **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 Scion dealer test the cap and check for leaks in the cooling system.

WARNING

n **When the engine is hot**

Do not remove the 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

n **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.

n **If you spill coolant**

Be sure to wash it off with water to prevent it from damaging parts or paint.

Radiator and condenser

Check the radiator and condenser and clear away any foreign objects.

If either of the above parts is extremely dirty or you are not sure of their condition, have your vehicle inspected by your Scion dealer.

WARNING

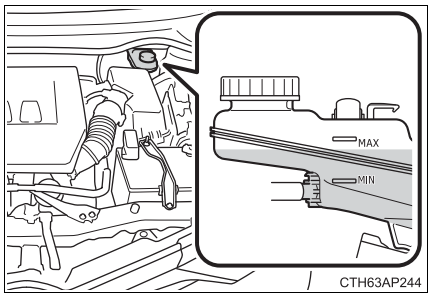
n **When the engine is hot**

Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

Brake fluid

n Checking fluid level

The brake fluid level should be between the “MAX” and “MIN” lines on the tank.



n Adding fluid

Make sure to check the fluid type and prepare the necessary item.

Fluid type	FMVSS No.116 DOT 3 or SAE J1703 brake fluid
Item	Clean funnel

n **Brake fluid can absorb moisture from the air**

Excess moisture in the brake fluid can cause a dangerous loss of braking efficiency. Use only newly opened brake fluid.

WARNING

n **When filling the reservoir**

Take care as brake fluid can harm your hands and 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, see a doctor.

NOTICE

n **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 out or when the fluid level in the accumulator is high.
However, if the reservoir needs frequent refilling, there may be a serious problem. Have the vehicle inspected at your Scion dealer as soon as possible.

Battery

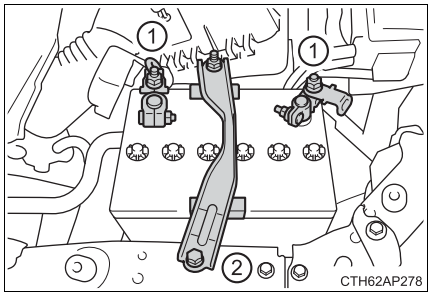
Check the battery as follows.

n **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



n **Before recharging**

When recharging, the battery produces hydrogen gas which is flammable and explosive. Therefore, observe the following before recharging:

l If recharging with the battery installed on the vehicle, be sure to disconnect the ground cable.

l Make sure the power switch on the charger is off when connecting and disconnecting the charger cables to the battery.

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.

How to recharge the battery

Only perform a slow charge (5 A or less). The battery may explode if charged at a quicker rate.

Emergency measures regarding electrolyte

- If electrolyte gets in your eyes
  Flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If possible, continue to apply water with a sponge or cloth while traveling to the nearest medical facility.
- If electrolyte gets on your skin
  Wash the affected area thoroughly. If you feel pain or burning, get medical attention immediately.
- If electrolyte gets on your clothes
  It can soak through clothing on to your skin. Immediately take off the clothing and follow the procedure above if necessary.
- If you accidentally swallow electrolyte
  Drink a large quantity of water or milk. Get emergency medical attention immediately.

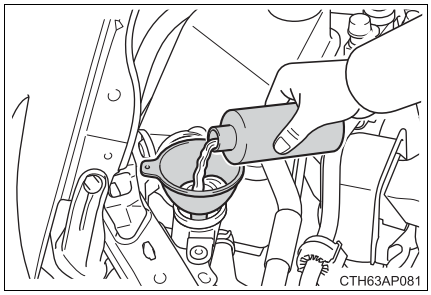
NOTICE

n **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 or “Windshield Washer Fluid Low” is displayed on the multi-information display, the washer fluid tank may be empty. Add washer fluid.



WARNING

n **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

n **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.

n **Diluting washer fluid**

Dilute washer fluid with water as necessary.
Refer to the freezing temperatures listed on the label of the washer fluid bottle.

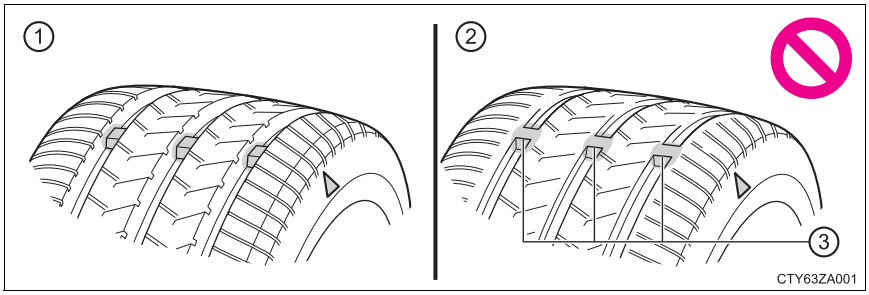
Tires

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

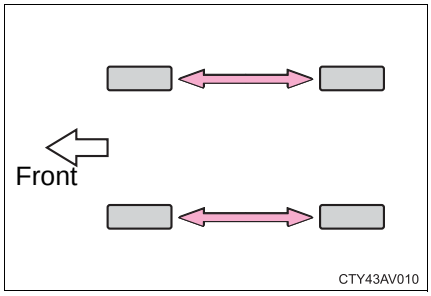
3 Treadwear indicator

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.

To equalize tire wear and extend tire life, Scion recommends that tire rotation is carried out at the same interval as tire inspection.



Tire pressure warning system

Your vehicle is equipped with a tire pressure warning system that uses tire pressure warning valves and transmitters to detect low tire inflation pressure before serious problems arise.

If the tire pressure drops below a predetermined level, the driver is warned by a warning light. (→P. 263)

u Installing tire pressure warning valves and transmitters

When replacing tires or wheels, tire pressure warning valves and transmitters must also be installed.

When new tire pressure warning valves and transmitters are installed, new ID codes must be registered in the tire pressure warning computer and the tire pressure warning system must be initialized. Have tire pressure warning valves and transmitter ID codes registered by your Scion dealer. (→P. 223)

u Initializing the tire pressure warning system

n The tire pressure warning system must be initialized in the following circumstances:

- When rotating front and rear tires which have different tire inflation pressures.
- When changing the tire size.
- When the tire inflation pressure is changed such as when changing traveling speed or load weight.

When the tire pressure warning system is initialized, the current tire inflation pressure is set as the benchmark pressure.

n How to initialize the tire pressure warning system

1. Park the vehicle in a safe place and turn the engine switch off.

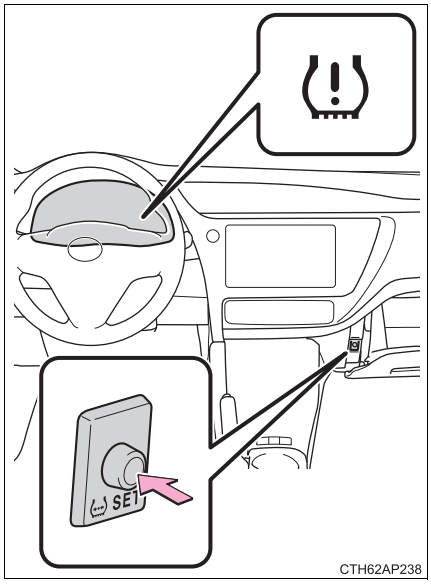
   Initialization cannot be performed while the vehicle is moving.

2. Adjust the tire inflation pressure to the specified cold tire inflation pressure level. (→P. 301)

   Make sure to adjust the tire pressure to the specified cold tire inflation pressure level. The tire pressure warning system will operate based on this pressure level.

3. Turn the engine switch to the “ON” position.

4. Open the glove box. Press and hold the tire pressure warning reset switch until the tire pressure warning light blinks slowly 3 times.



5. Wait for a few minutes with the engine switch in the “ON” position and then turn the engine switch to the “ACC” or “LOCK” position.

u Registering ID codes

The tire pressure warning valve and transmitter is equipped with a unique ID code. When replacing a tire pressure warning valve and transmitter, it is necessary to register the ID code. Have the ID code registered by your Scion dealer.

n 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 Scion dealer.

n Replacing tires and wheels

If the ID code of the tire pressure warning valve and transmitter is not registered, the tire pressure warning system will not work properly. After driving for about 20 minutes, the tire pressure warning light blinks for 1 minute and stays on to indicate a system malfunction.

n 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.

n Routine tire inflation pressure checks

The tire pressure warning system does not replace routine tire inflation pressure checks. Make sure to check tire inflation pressure as part of your routine of daily vehicle checks.

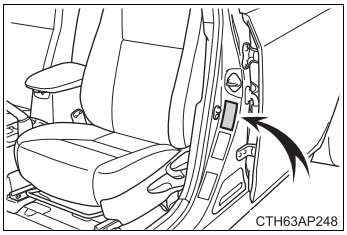
n Low profile tires

Generally, low profile tires will wear more rapidly and tire grip performance will be reduced on snowy and/or icy roads when compared to standard tires. Be sure to use snow tires on snowy and/or icy roads and drive carefully at a speed appropriate for road and weather conditions.

n **Maximum load of tire**

Check that the maximum load of the replacement tire is greater than 1/2 of the Gross Axle Weight Ratings (GAWR) of either the front axle or the rear axle, whichever is greater.

For the GAWR, see the Certification Label. For the maximum load of the tire, see the load limit at maximum cold tire inflation pressure mentioned on the sidewall of the tire. (→P. 306)



n **Tire types**

l Summer tires

Summer tires are high-speed performance tires best suited to highway driving under dry conditions. Since summer tires do not have the same traction performance as snow tires, summer tires are inadequate for driving on snow-covered or icy roads. For driving on snow-covered roads or icy roads, the use of snow tires is recommended. When installing snow tires, be sure to replace all four tires.

l All season tires

All season tires are designed to provide better traction in snow and to be adequate for driving in most winter conditions as well as for use year-round. All season tires, however, do not have adequate traction performance compared with snow tires in heavy or loose snow. Also, all season tires fall short in acceleration and handling performance compared with summer tires in highway driving.

l Snow tires

For driving on snow-covered roads or icy roads, we recommend using snow tires. If you need snow tires, select tires of the same size, construction and load capacity as the originally installed tires. Since your vehicle has radial tires as original equipment, make sure your snow tires also have radial construction. Do not install studded tires without first checking local regulations for possible restrictions. Snow tires should be installed on all wheels. (→P. 162)

n **If the tread on snow tires wears down below 0.16 in. (4 mm)**

The effectiveness of the tires as snow tires is lost.

n Situations in which the tire pressure warning system may not operate properly

l In the following cases, the tire pressure warning system may not operate properly.

- If non-genuine Scion wheels are used.
- A tire has been replaced with a tire that is not an OE (Original Equipment) tire.
- A tire has been replaced with a tire that is not of the specified size.
- Tire chains etc. are equipped.
- An auxiliary-supported run-flat tire is equipped.
- If a window tint that affects the radio wave signals is installed.
- If there is a lot of snow or ice on the vehicle, particularly around the wheels or wheel housings.
- If the tire inflation pressure is extremely higher than the specified level.
- If tires not equipped with tire pressure warning valves and transmitters are used.
- If the ID code on the tire pressure warning valves and transmitters is not registered in the tire pressure warning computer.

l Performance may be affected in the following situations.

- Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise.
- When carrying a portable radio, cellular phone, cordless phone or other wireless communication device.

l When the vehicle is parked, the time taken for the warning to start or go off could be extended.

l When tire inflation pressure declines rapidly for example when a tire has burst, the warning may not function.

The initialization operation

- Make sure to carry out initialization after adjusting the tire inflation pressure.
  Also, make sure the tires are cold before carrying out initialization or tire inflation pressure adjustment.
- If you have accidentally turned the engine switch off during initialization, it is not necessary to press the reset switch again as initialization will restart automatically when the engine switch to the “ON” position for the next time.
- If you accidentally press the reset switch when initialization is not necessary, adjust the tire inflation pressure to the specified level when the tires are cold, and conduct initialization again.

Warning performance of the tire pressure warning system

The warning of the tire pressure warning system will change in accordance with driving conditions. For this reason, the system may give a warning even if the tire pressure does not reach a low enough level, or if the pressure is higher than the pressure that was adjusted to when the system was initialized.

When initialization of the tire pressure warning system has failed

Initialization can be completed in a few minutes. However, in the following cases, the settings have not been recorded and the system will not operate properly. If repeated attempts to record tire inflation pressure settings are unsuccessful, have the vehicle inspected by your Scion dealer.

- When operating the tire pressure warning reset switch, the tire pressure warning light does not blink 3 times.
- After driving for a certain period of time since the initialization has been completed, the warning light comes on after blinking for 1 minute.

n **Tire pressure warning system certification**

▶ For the U.S.A.

FCC ID: PAXPMVC010

NOTE:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

▶ For Canada

NOTE:

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'utilisation de ce dispositif est autorisée seulement aux deux conditions suivantes : (1) il ne doit pas produire de brouillage, et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

WARNING

n **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 Scion.
- 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.
- Do not tow if your vehicle has a compact spare tire installed.

n **When initializing the tire pressure warning system**

Do not operate the tire pressure warning reset switch without first adjusting the tire inflation pressure to the specified level. Otherwise, the tire pressure warning light may not come on even if the tire inflation pressure is low, or it may come on when the tire inflation pressure is actually normal.

NOTICE

- **Repairing or replacing tires, wheels, tire pressure warning valves, transmitters and tire valve caps**
  - When removing or fitting the wheels, tires or the tire pressure warning valves and transmitters, contact your Scion dealer as the tire pressure warning valves and transmitters may be damaged if not handled correctly.
  - Make sure to install the tire valve caps. If the tire valve caps are not installed, water could enter the tire pressure warning valves and the tire pressure warning valves could be bound.
  - When replacing tire valve caps, do not use tire valve caps other than those specified. The cap may become stuck.
- **To avoid damage to the tire pressure warning valves and transmitters**

  When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact your Scion dealer or other qualified service shop as soon as possible. Make sure to replace the tire pressure warning valve and transmitter when replacing the tire. (→P. 221)
- **Driving on rough roads**

  Take particular care when driving on roads with loose surfaces or potholes.
  These conditions may cause losses in tire inflation pressure, reducing the cushioning ability of the tires. In addition, driving on rough roads may cause damage to the tires themselves, as well as the vehicle's wheels and body.
- **Low profile tires**

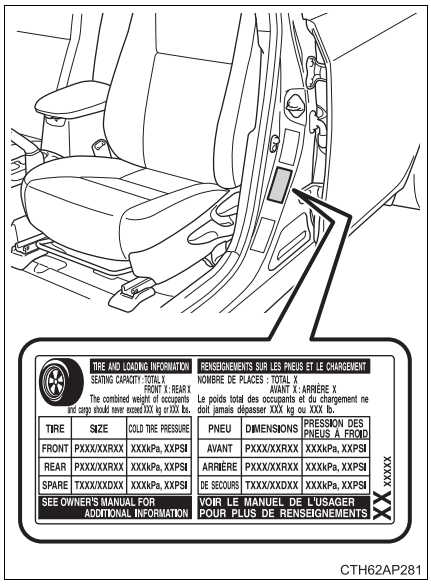
  Low profile tires may cause greater damage than usual to the tire wheel when sustaining impact from the road surface. Therefore, pay attention to the following:
  - Be sure to use proper tire inflation pressure. If tires are under-inflated, they may be damaged more severely.
  - Avoid potholes, uneven pavement, curbs and other road hazards. Failure to do so may lead to severe tire and wheel damage.
- **If tire inflation pressure of each tire becomes low while driving**

  Do not continue driving, or your tires and/or wheels may be ruined.

Tire inflation pressure

Tire inflation pressure

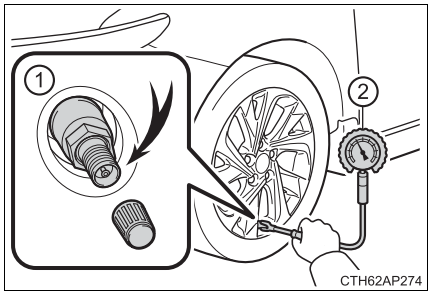
The recommended cold tire inflation pressure and tire size are displayed on the tire and loading information label. (→P. 301)



Inspection and adjustment procedure

① Tire valve

② Tire pressure gauge



1 Remove the tire valve cap.

2 Press the tip of the tire pressure gauge onto the tire valve.

3 Read the pressure using the gauge gradations.

4 If the tire inflation pressure is not at the recommended level, adjust the pressure.
If you add too much air, press the center of the valve to deflate.

5 After completing the tire inflation pressure measurement and adjustment, apply soapy water to the valve and check for leakage.

6 Put the tire valve cap back on.

n **Tire inflation pressure check interval**

You should check tire inflation pressure every two weeks, or at least once a month.
Do not forget to check the spare.

n **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 drivetrain

If a tire needs frequent inflating, have it checked by your Scion 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 mile or 1.5 km, 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.
- Never exceed the vehicle capacity weight.
  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 Scion dealer.

*: Conventionally referred to as “offset”.

Scion does not recommend using the following:

- Wheels of different sizes or types
- Used wheels
- Bent wheels that have been straightened

Aluminum wheel precautions

- Use only Scion 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 1000 miles (1600 km).
- Use only Scion genuine balance weights or equivalent and a plastic or rubber hammer when balancing your wheels.

n **When replacing wheels**

The wheels of your vehicle are equipped with tire pressure warning valves and transmitters that allow the tire pressure warning system to provide advance warning in the event of a loss in tire inflation pressure. Whenever wheels are replaced, tire pressure warning valves and transmitters must be installed. (→P. 221)

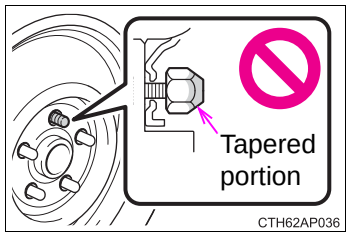
WARNING

When replacing wheels

- Do not use wheels that are a different size from those recommended in the Owner's Manual, as this may result in a loss of handling control.
- Never use an inner tube in a leaking wheel which is designed for a tubeless tire. Doing so may result in an accident, causing death or serious injury.

When installing the wheel nuts

- Be sure to install the wheel nuts with the tapered ends facing inward. Installing the nuts with the tapered ends facing outward can cause the wheel to break and eventually cause the wheel to come off while driving, which could lead to an accident resulting in death or serious injury.



- Never use oil or grease on the wheel bolts or wheel nuts.
  Oil and grease may cause the wheel nuts to be excessively tightened, leading to bolt or disc wheel damage. In addition, the oil or grease can cause the wheel nuts to loosen and the wheel may fall off, causing an accident and resulting in death or serious injury. Remove any oil or grease from the wheel bolts or wheel nuts.

Use of defective wheels prohibited

Do not use cracked or deformed wheels.
Doing so could cause the tire to leak air during driving, possibly causing an accident.

NOTICE

Replacing tire pressure warning valves and transmitters

- Because tire repair or replacement may affect the tire pressure warning valves and transmitters, make sure to have tires serviced by your Scion dealer or other qualified service shop. In addition, make sure to purchase your tire pressure warning valves and transmitters at your Scion dealer.
- Ensure that only genuine Scion wheels are used on your vehicle.
  Tire pressure warning valves and transmitters may not work properly with non-genuine wheels.

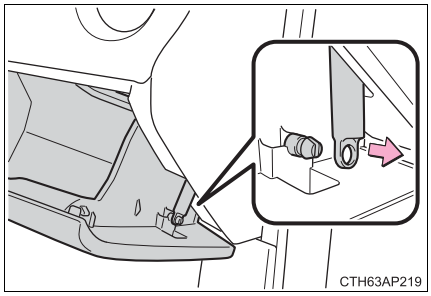
Air conditioning filter

The air conditioning filter must be changed regularly to maintain air conditioning efficiency.

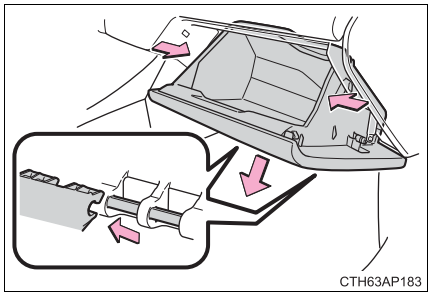
Removal method

1 Turn the engine switch off.

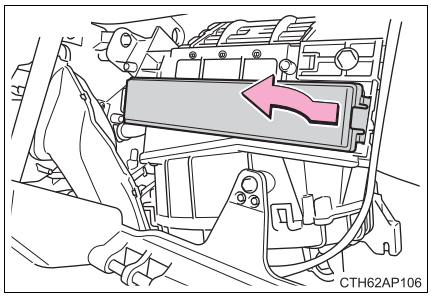
2 Open the glove box. Slide off the damper.



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.



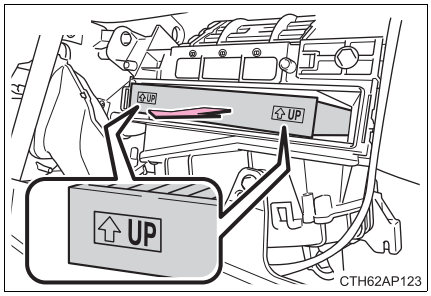
4 Remove the filter cover.



n 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.



n Checking interval

Inspect and replace the air conditioning filter according to the maintenance schedule. In dusty areas or areas with heavy traffic flow, early replacement may be required. (For scheduled maintenance information, please refer to the "Schedule maintenance guide" or "Owner's Manual Supplement".)

n If air flow from the vents decreases dramatically

The filter may be clogged. Check the filter and replace if necessary.

NOTICE

n 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 battery

Replace the battery with a new one if it is depleted.

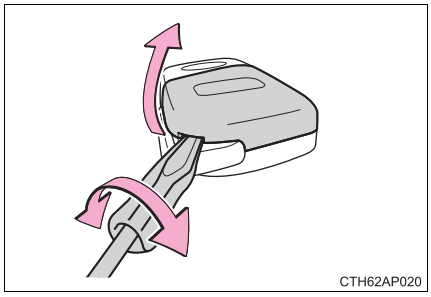
You will need the following items:

- Flathead screwdriver
- Small flathead screwdriver
- Lithium battery CR1620

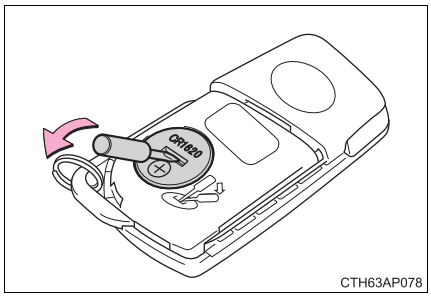
Replacing the battery

1 Remove the cover.

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

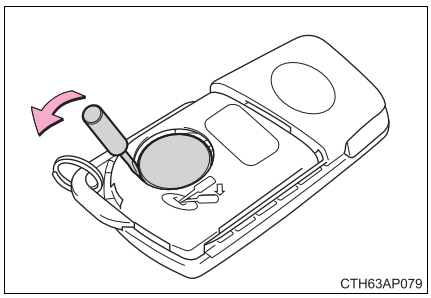


2 Remove the battery cover.



3 Remove the depleted battery using a small flathead screwdriver.

Insert a new battery with the “+” terminal facing up.



Use a CR1620 lithium battery

- Batteries can be purchased at your Scion 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 wireless remote control will not function properly.
- The operational range will be reduced.

WARNING

Removed battery and other parts

These parts are small and if swallowed by a child, they can cause choking. Keep away from children. Failure to do so could result in death or serious injury.

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

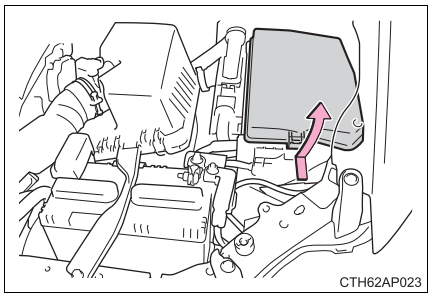
If any of the electrical components do not operate, a fuse may have blown. If this happens, check and replace the fuses as necessary.

1 Turn the engine switch off.

2 Open the fuse box cover.

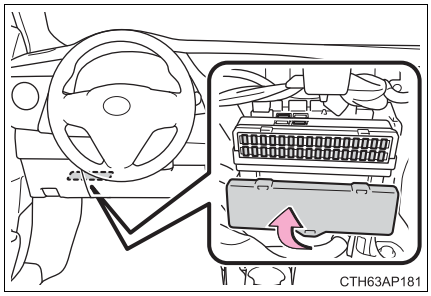
▶ Engine compartment

Push the tab in and lift the lid off.



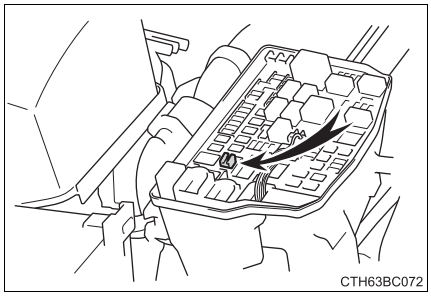
▶ Under the driver's side instrument panel

Remove the lid.



3 Remove the fuse with the pull-out tool.

Only type A fuses can be removed using the pullout tool.



4 Check if the fuse is blown.

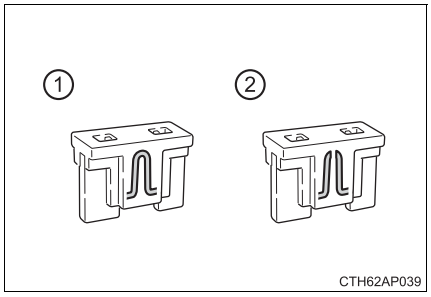
① Normal fuse

② Blown fuse

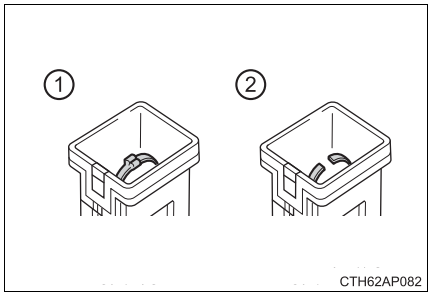
Type A, B and C:
Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

Type D:
Contact your Scion dealer.

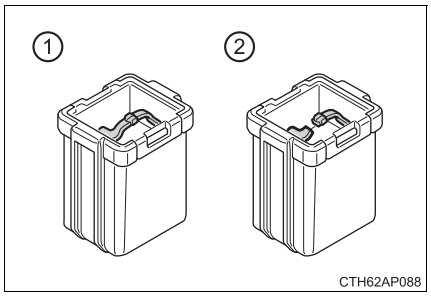
▶ Type A



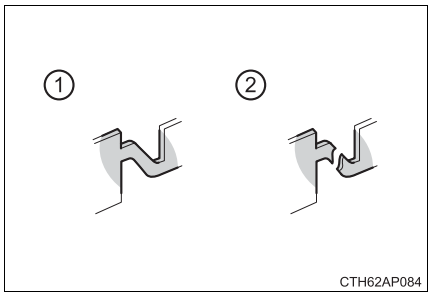
▶ Type B



▶ Type C



▶ Type D



n **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. 242)
- If the replaced fuse blows again, have the vehicle inspected by your Scion dealer.

n **If there is an overload in a circuit**

The fuses are designed to blow, protecting the wiring harness from damage.

WARNING

n **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 Scion fuse or equivalent.
  Never replace a fuse with a wire, even as a temporary fix.
- Do not modify the fuses or fuse boxes.

NOTICE

n **Before replacing fuses**

Have the cause of electrical overload determined and repaired by your Scion dealer as soon as possible.

Light bulbs

You may replace the following bulbs yourself. The difficulty level of replacement varies depending on the bulb. If necessary bulb replacement seems difficult to perform, contact your Scion dealer.

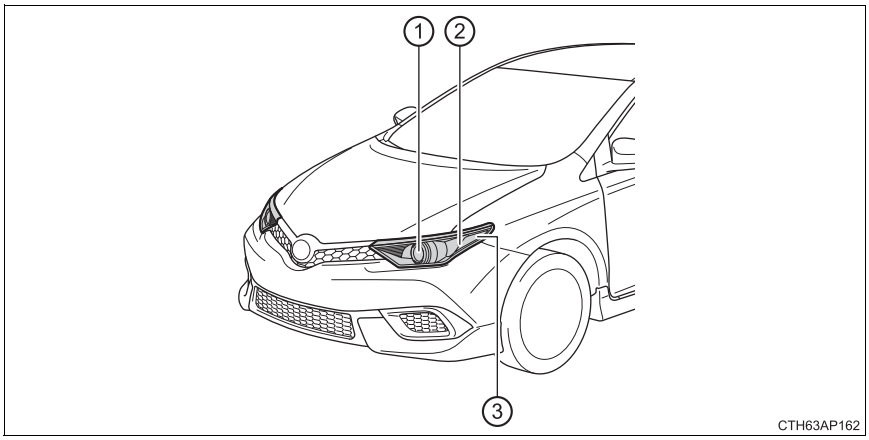
For more information about replacing other light bulbs, contact your Scion dealer.

Preparing for light bulb replacement

Check the wattage of the light bulb to be replaced. (→P. 302)

Bulb locations

n **Front**

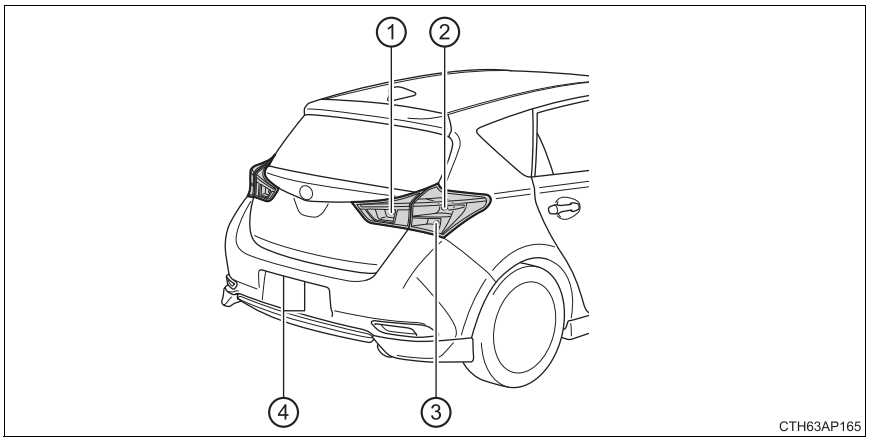


① Headlights

② Front turn signal lights

③ Front side marker lights

n Rear

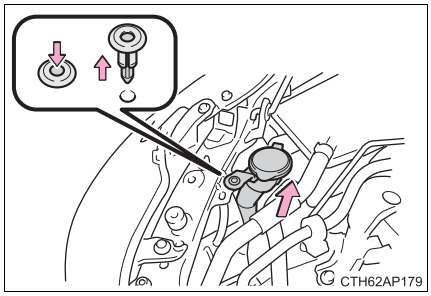


① Back-up lights
② Stop lights
③ Rear turn signal lights
④ License plate lights

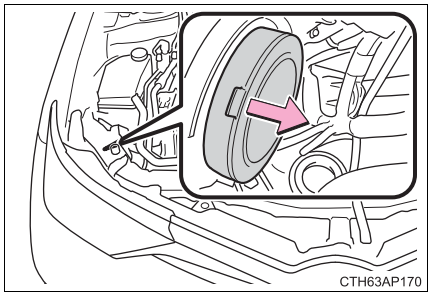
Replacing light bulbs

n Headlights

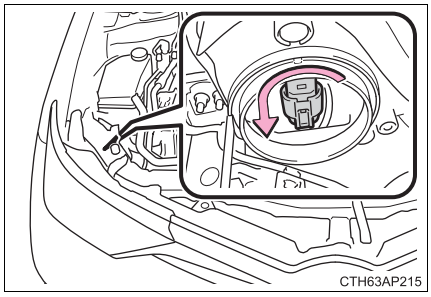
1 Remove the securing clip and pull out the washer fluid filler opening. (When replacing right side bulb only.)



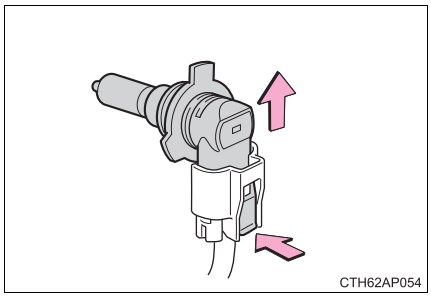
2 Remove the cover.



3 Turn the bulb base counter-clockwise and remove it.

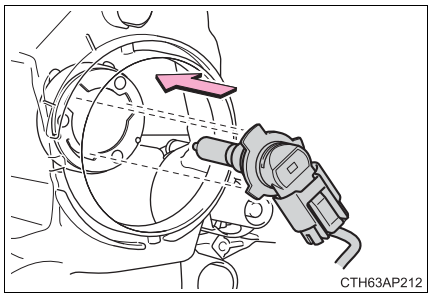


4 Unplug the connector while pressing the lock release.



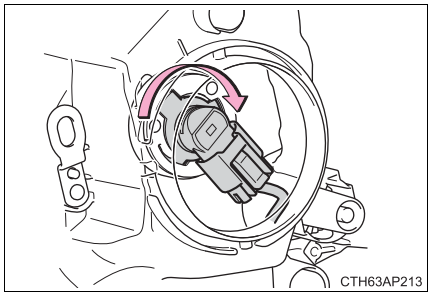
5 Replace the light bulb, and install the bulb base.

Align the 3 tabs on the light bulb with the mounting and insert.



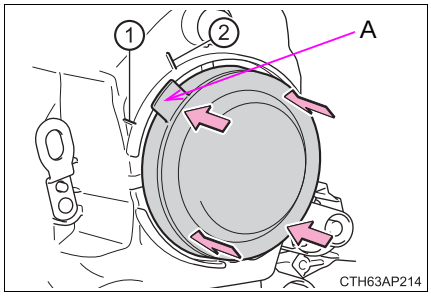
6 Turn and secure the bulb base.

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.

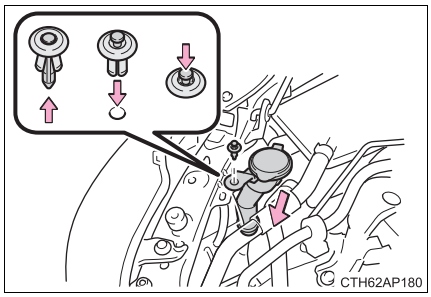


7 Install the cover.

Make sure the protruding part (A) is located between ① and ② in the illustration and push the perimeter of the cover firmly.

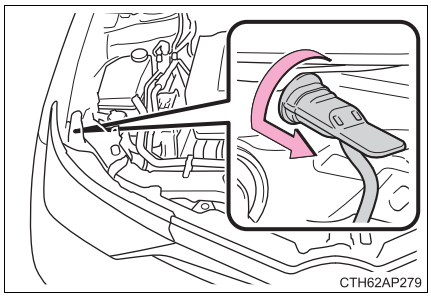


8 Install the washer fluid filler opening and then install the securing clip. (When replacing right side bulb only.)

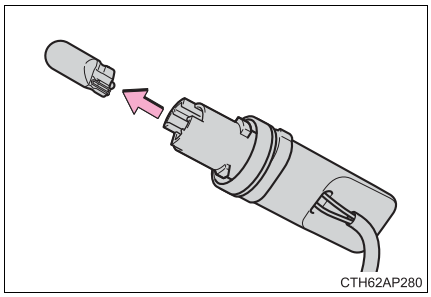


n **Front side marker lights**

1 Turn the bulb base counter-clockwise.



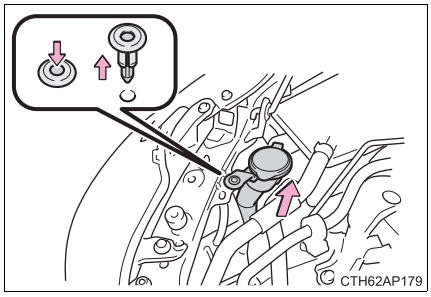
2 Remove the light bulb.



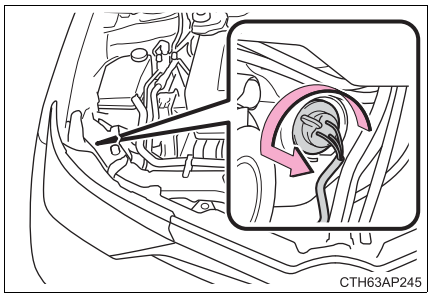
3 When installing, reverse the steps listed.

n Front turn signal lights

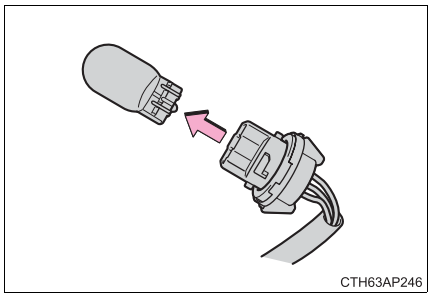
1 Remove the securing clip and pull out the washer fluid filler opening. (When replacing right side bulb only.)



2 Turn the bulb base counterclockwise.

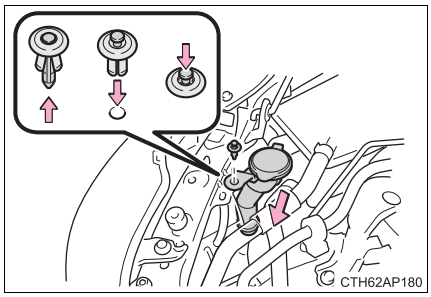


3 Remove the light bulb.



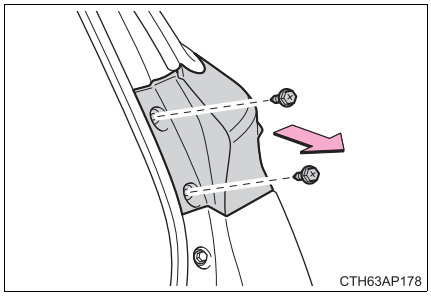
4 When installing the light bulb, install by conducting 3 and 2 with the directions reversed.

5 Install the washer fluid filler opening and then install the securing clip. (When replacing right side bulb only.)



n Stop lights and rear turn signal lights

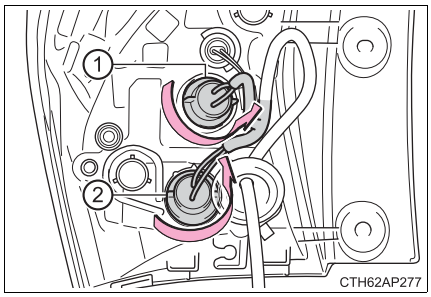
1 Open the back door and remove the 2 screws. Remove the lamp assembly by pulling it straight back.



2 Turn the bulb base counter-clockwise.

① Stop lights

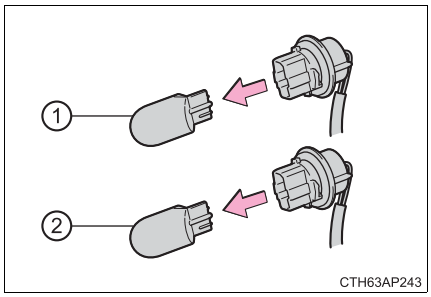
② Rear turn signal lights



3 Remove the light bulb.

① Stop lights

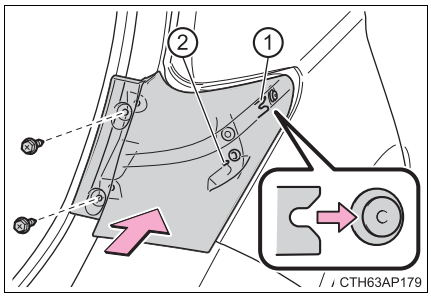
② Rear turn signal lights



4 When installing the light bulb, install by conducting 3 and 2 with the directions reversed.

5 Install the lamp assembly and then install the 2 screws.

Align the guide (①) and pin (②) on the lamp assembly with the mounting when installing it.

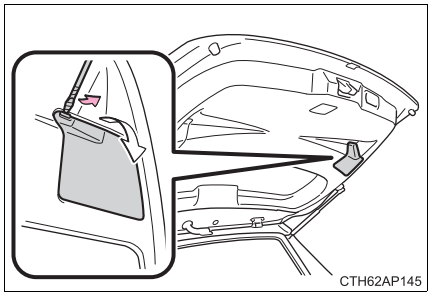


n Back-up lights

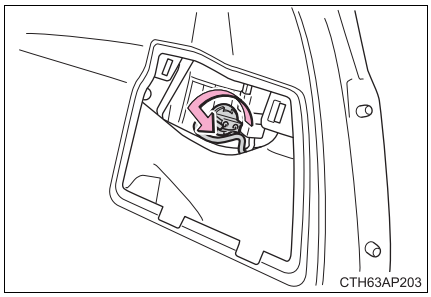
1 Open the back door and remove the cover.

Insert a flathead screwdriver or similar into the hole at the top of the cover and remove it as shown in the illustration.

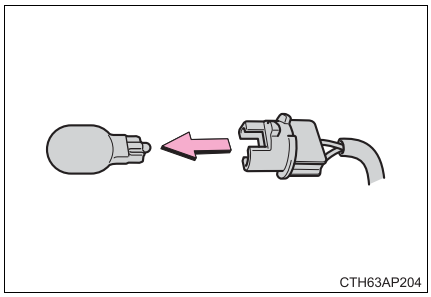
To prevent damaging the vehicle, wrap the flathead screwdriver with a tape.


CTH62AP145

2 Turn the bulb base counterclockwise and remove it.


CTH63AP203

3 Remove the light bulb.


CTH63AP204

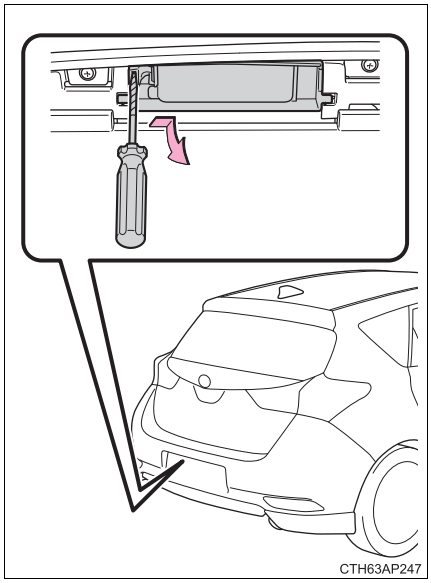
4 When installing, reverse the steps listed.

n License plate lights

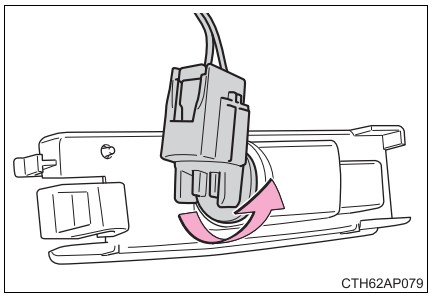
1 Remove the light unit.

Insert a flathead screwdriver or similar into the hole next to the light and remove it as shown in the illustration.

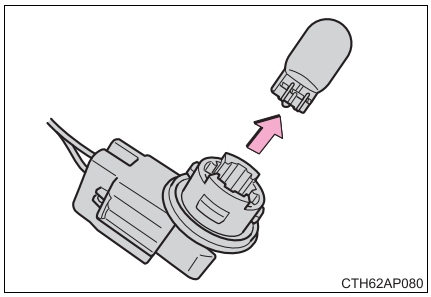
To prevent damaging the vehicle, wrap the flathead screwdriver with a tape.



2 Turn the bulb base counterclockwise and remove it.



3 Remove the light bulb.



4 When installing, reverse the steps listed.

Replacing the following bulbs

If any of the lights listed below has burnt out, have it replaced by your Scion dealer.

- Parking lights/daytime running lights
- Rear side marker lights
- High mounted stoplight
- Tail lights
- Side turn signal lights

LED light bulbs

The parking lights/daytime running lights, rear side marker lights, high mounted stoplight and tail lights consist of a number of LEDs. If any of the LEDs burns out, take your vehicle to your Scion 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 Scion 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

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If your vehicle has to be stopped in an emergency 253

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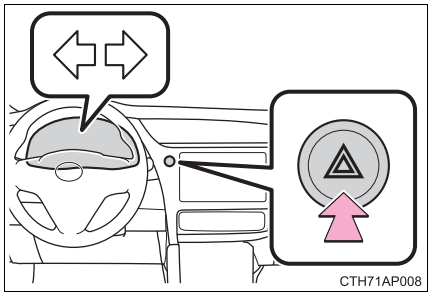
Emergency flashers

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.



n **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.

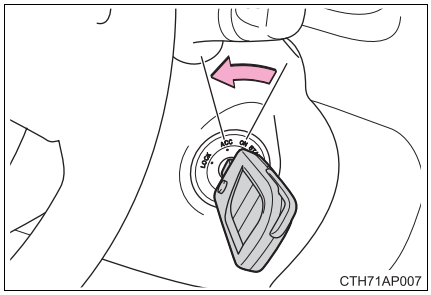
2. Shift the shift lever to N.

▶ 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. Stop the engine by turning the engine switch to the “ACC” position.



5. Stop the vehicle in a safe place by the road.

WARNING

n **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.
- Never attempt to remove the key, as doing so will lock the steering wheel.

If your vehicle needs to be towed

If towing is necessary, we recommend having your vehicle towed by your Scion 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.

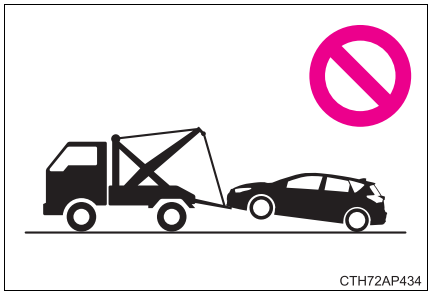
Situations when it is necessary to contact dealers before towing

The following may indicate a problem with your transmission. Contact your Scion dealer or commercial towing service before towing.

- The engine is running but the vehicle does not move.
- The vehicle makes an abnormal sound.

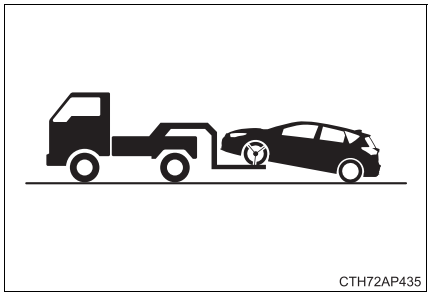
Towing with a sling-type truck

Do not tow with a sling-type truck to prevent body damage.



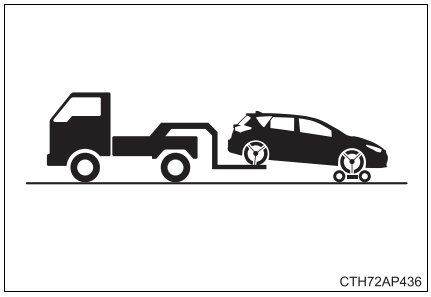
Towing with a wheel-lift type truck

▶ From the front



Release the parking brake.

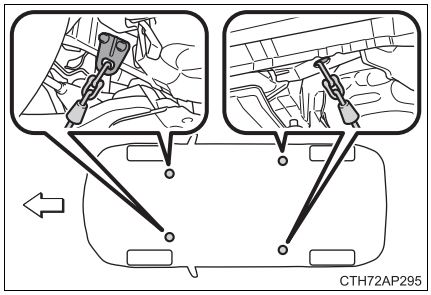
▶ From the rear



Use a towing dolly under the front wheels.

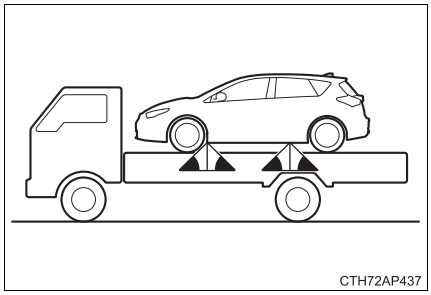
Using a flatbed truck

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.



Emergency towing

If a tow truck is not available in an emergency, your vehicle may be temporarily towed using cables or chains secured to the emergency towing eyelet. This should only be attempted on hard surfaced roads for at most 50 miles (80 km) at under 18 mph (30 km/h).

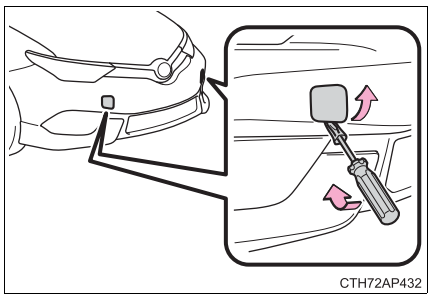
A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

Emergency towing procedure

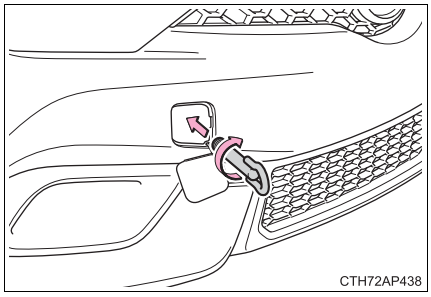
1 Take out the towing eyelet. (→P. 273)

2 Remove the eyelet cover using a flathead screwdriver.

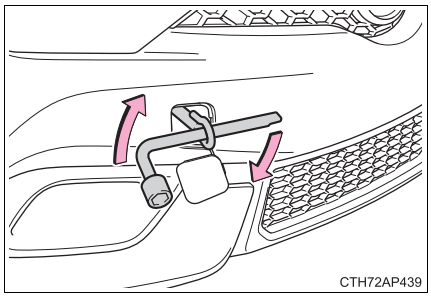
To prevent damage, cover the tip of the screwdriver with a rag.



3 Insert the towing eyelet into the hole and tighten partially by hand.



4 Tighten down the towing eyelet securely using a wheel nut wrench or hard metal bar.



5 Securely attach cables or chains to the towing eyelet.

Take care not to damage the vehicle body.

6 Enter the vehicle being towed and start the engine.

If the engine does not start, turn the engine switch to the “ON” position.

7 Shift the shift lever to N and release the parking brake.
When the shift lever cannot be shifted: →P. 284

n **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.

n **Wheel nut wrench**

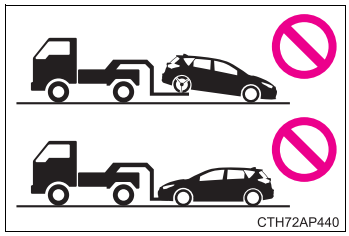
Wheel nut wrench is installed in the luggage compartment. (→P. 273)

WARNING

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

n **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.



n **While towing**

- When towing using cables or chains, avoid sudden starts, etc. which place excessive stress on the towing eyelet, cables or chains. The towing eyelet, cables or chains may become damaged, broken debris may hit people, and cause serious damage.
- Do not turn the engine switch to the “LOCK” position.
  There is a possibility that the steering wheel is locked and cannot be operated.

n **Installing towing eyelet to the vehicle**

Make sure that towing eyelet are installed securely.
If not securely installed, towing eyelet may come loose during towing.

NOTICE

- **To prevent damage to the vehicle when towing using a wheel-lift type truck**
  - 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.
  - 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 Scion 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.

1. Turn the engine switch to the “ACC” or “LOCK” position.
2. Restart the engine.

NOTICE

n **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 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 Scion dealer.

Warning light and warning buzzer list

Warning light	Warning light/Details/Actions
BRAKE (U.S.A.) (Canada)	**Brake system warning light (warning buzzer)*1** Indicates that: • The brake fluid level is low; or • The brake system is malfunctioning 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 Scion dealer. Continuing to drive the vehicle may be dangerous.**
CHECK (U.S.A.) (Canada)	**Malfunction indicator lamp** Indicates a malfunction in: • The electronic engine control system; • The electronic throttle control system; or • The electronic continuously variable transmission (if equipped) control system → **Have the vehicle inspected by your Scion dealer immediately.**
	SRS warning light Indicates a malfunction in: • The SRS airbag system; • The front passenger occupant classification system; or • The seat belt pretensioner system → **Have the vehicle inspected by your Scion dealer immediately.**

Warning light	Warning light/Details/Actions
ABS (U.S.A.) (Canada)	**ABS warning light** Indicates a malfunction in: • The ABS; or • The brake assist system → **Have the vehicle inspected by your Scion 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 Scion dealer immediately.**
(Comes on)	**Slip indicator** Indicates a malfunction in: • The VSC (Vehicle Stability Control) system; • The TRAC (Traction Control) system; or • The hill-start assist control system The light will flash when the VSC or the TRAC system is operating. → **Have the vehicle inspected by your Scion dealer immediately.**
	Low fuel level warning light Indicates that remaining fuel is approximately 2.0 gal. (7.5 L, 1.6 Imp. gal.) or less → **Refuel the vehicle.**
	Seat belt reminder light (warning buzzer)*2 Warns the driver and/or front passenger to fasten their seat belts → **Fasten the seat belt.** **If the front passenger's seat is occupied, the front passenger's seat belt also needs to be fastened to make the warning light (warning buzzer) turn off.**
	Tire pressure warning light Indicates low tire pressure due to one of the following: • Flat tire • Natural causes • The tire pressure warning system is malfunctioning → **Immediately stop the vehicle in a safe place.** **Handling method (→P. 266)**

Warning light	Warning light/Details/Actions
	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. 269**

*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 3 mph [5 km/h]).

*2: Driver's seat belt buzzer:

The driver's seat belt buzzer sounds to alert the driver that his or her seat belt is not fastened. Once the engine switch is turned to the "ON" position, the buzzer sounds for 6 seconds. If the vehicle reaches a speed of 12 mph (20 km/h), the buzzer sounds once. If the seat belt is still unfastened after 24 seconds, the buzzer will sound intermittently for 10 seconds. Then, if the seat belt is still unfastened, the buzzer will sound in a different tone for 20 more seconds.

Front passenger's seat belt buzzer:

The front passenger's seat belt buzzer sounds to alert the front passenger that his or her seat belt is not fastened. The buzzer sounds once if the vehicle reaches a speed of 12 mph (20 km/h). If the seat belt is still unfastened after 24 seconds, the buzzer will sound intermittently for 10 seconds. Then, if the seat belt is still unfastened, the buzzer will sound in a different tone for 20 more seconds.

n **SRS warning light**

This warning light system monitors the airbag sensor assembly, front impact sensors, side impact sensors (front door), side impact sensors (front), side impact sensors (rear), driver's seat position sensor, driver's seat belt buckle switch, front passenger occupant classification system, "AIR BAG ON" indicator light, "AIR BAG OFF" indicator light, front passenger's seat belt buckle switch, seat belt pretensioners (front), airbags, interconnecting wiring and power sources. (→P. 34)

n **Front passenger detection sensor, seat belt reminder and warning buzzer**

- If luggage is placed on the front passenger seat, the front passenger detection sensor may cause the warning light to flash and the warning buzzer to sound even if a passenger is not sitting in the seat.
- If a cushion is placed on the seat, the sensor may not detect a passenger, and the warning light may not operate properly.

n **If the malfunction indicator lamp comes on while driving**

First check the following:

- Is the fuel tank empty?
  If it is, fill the fuel tank immediately.
- Is the fuel tank cap loose?
  If it is, tighten it securely.

The light will go off after several driving trips.
If the light does not go off even after several trips, contact your Scion dealer as soon as possible.

n **When the tire pressure warning light comes on**

Inspect the tires to check if a tire is punctured.
If a tire is punctured: →P. 272
If none of the tires are punctured:
Turn the engine switch off then turn it to the “ON” position. Check if the tire pressure warning light comes on or flashes.

▶ If the tire pressure warning light comes on

1 After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level.

2 If the warning light does not turn off even after several minutes have elapsed, check that the inflation pressure of each tire is at the specified level and perform initialization. (→P. 222)

If the warning light does not turn off even after several minutes have elapsed, have the vehicle inspected by your Scion dealer immediately.

▶ If the tire pressure warning light flashes for 1 minute then stays on

There may be a malfunction in the tire pressure warning system. Have the vehicle inspected by your Scion dealer immediately.

n **The tire pressure warning light may come on due to natural causes**

The tire pressure warning light may come on due to natural causes such as natural air leaks and tire inflation pressure changes caused by temperature. In this case, adjusting the tire inflation pressure will turn off the warning light (after a few minutes).

n **When a tire is replaced with a spare tire**

The compact spare tire is not equipped with a tire pressure warning valve and transmitter. If a tire goes flat, the tire pressure warning light will not turn off even though the flat tire has been replaced with the spare tire. Replace the spare tire with the repaired tire and adjust the tire inflation pressure. The tire pressure warning light will go off after a few minutes.

n **Conditions that the tire pressure warning system may not function properly**

→P. 225

n **Warning buzzer**

In some cases, the buzzer may not be heard because of noisy place or an audio sound.

n **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

n **If both the ABS and the brake system warning lights remain on**

Stop your vehicle in a safe place immediately and contact your Scion 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.

n **When the electric power steering system warning light comes on**

The steering wheel may become extremely heavy.
If the steering wheel becomes heavier than usual when operating, hold firmly and operate using more force than usual.

n **If the tire pressure warning light comes on**

Handling method (→P. 266)

Be sure to observe the following precautions. Failure to do so could cause a loss of vehicle control and result in death or serious injury.

l Stop your vehicle in a safe place as soon as possible. Adjust the tire inflation pressure immediately.

l If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If a tire is flat, change it with the spare tire and have the flat tire repaired by the nearest Scion dealer.

l Avoid abrupt maneuvering and braking. If the vehicle tires deteriorate, you could lose control of the steering wheel or the brakes.

n **If a blowout or sudden air leakage should occur**

The tire pressure warning system may not activate immediately.

WARNING

n **Maintenance of the tires**

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label (tire and load information label). (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label [tire and load information label], you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS-tire pressure warning system) that illuminates a low tire pressure telltale (tire pressure warning light) when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale (tire pressure warning light) illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

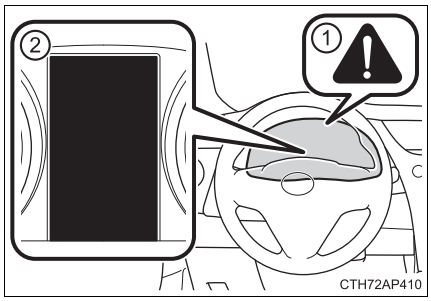
Please note that the TPMS (tire pressure warning system) is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale (tire pressure warning light).

Your vehicle has also been equipped with a TPMS (tire pressure warning system) malfunction indicator to indicate when the system is not operating properly. The TPMS (tire pressure warning system) malfunction indicator is combined with the low tire pressure telltale (tire pressure warning light). When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended.

TPMS (tire pressure warning system) malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS (tire pressure warning system) from functioning properly. Always check the TPMS (tire pressure warning system) malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS (tire pressure warning system) to continue to function properly.

If a warning message is displayed

The multi-information display shows warnings of system malfunctions, incorrectly performed operations, and messages that indicate a need for maintenance. When a message is shown, perform the correction procedure appropriate to the message.



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 message or indicator comes on again after the following actions have been performed, contact your Scion dealer.

Messages and warnings

The warning lights and warning buzzers operate as follows depending on the content of the message. If a message indicates the need for inspection by a dealer, have the vehicle inspected by your Scion dealer immediately.

	Warning buzzer*	Warning
Comes on	Sounds	Indicates an important situation, such as when a system related to driving is malfunctioning or that danger may result if the correction procedure is not performed
Flashes	Sounds	Indicates a situation, such as when damage to the vehicle or danger may result
—	Does not sound	Indicates a condition, such as malfunction of electrical components, their condition, or indicates the need for maintenance

*: A buzzer sounds the first time a message is shown on the multi-information display

If a message instructing to refer to the Owner's Manual is displayed

If the following messages are displayed, there may be a malfunction. Immediately stop the vehicle in a safe place and contact your Scion dealer.

- "Charging System Malfunction See Owner's Manual"
- "Low Oil Pressure Stop in a Safe Place See Owner's Manual"

Other messages displayed on the multi-information display

Take the appropriate actions as instructed in the message displayed.

If any of the following messages are displayed, also refer to this Owner's Manual.

n **If "Maintenance Required Soon" is displayed (U.S.A. only)**

Indicates that all maintenance according to the driven distance on the maintenance schedule* should be performed soon.

Comes on approximately 4500 miles (7200 km) after the message has been reset.

If necessary, perform maintenance.

*: Refer to the separate "Scheduled Maintenance Guide" or "Owner's Manual Supplement" for the maintenance interval applicable to your vehicle.

n **If "Maintenance Required Visit Your Dealer" is displayed (U.S.A. only)**

Indicates that all maintenance is required to correspond to the driven distance on the maintenance schedule*.

Comes on approximately 5000 miles (8000 km) after the message has been reset.

(The indicator will not work properly unless the message has been reset.)

Perform the necessary maintenance. Please reset the message after the maintenance is performed. (→P. 197)

*: Refer to the separate "Scheduled Maintenance Guide" or "Owner's Manual Supplement" for the maintenance interval applicable to your vehicle.

---

n **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. 220

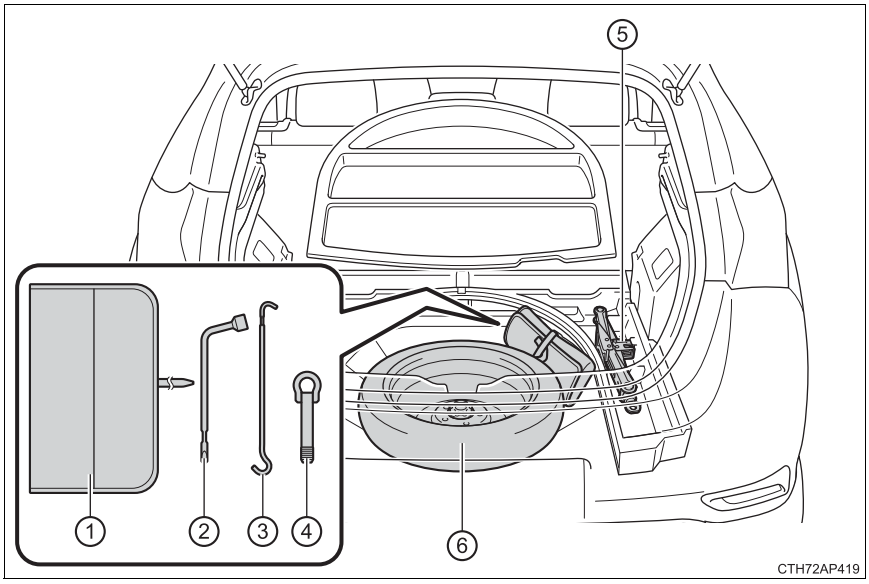
WARNING

n **If you have a flat tire**
Do not continue driving with a flat tire.
Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair, which could result in an accident.

Before jacking up the vehicle

- Stop the vehicle on a hard, flat surface.
- Set the parking brake.
- Shift the shift lever to P (continuously variable transmission) or R (manual transmission).
- Stop the engine.
- Turn on the emergency flashers. (→P. 252)

Location of the spare tire, jack and tools



① Tool bag
② Wheel nut wrench
③ Jack handle
④ Towing eyelet
⑤ Jack
⑥ Spare tire

WARNING

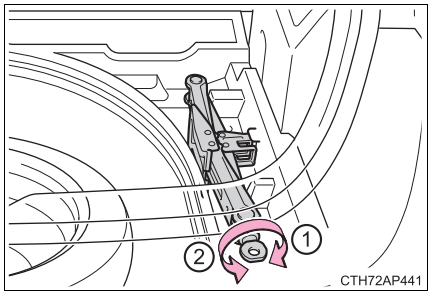
Using the tire jack

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.
- 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.

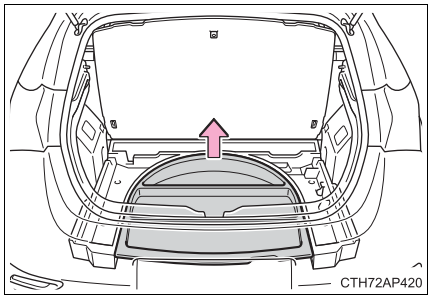
Taking out the jack

1. Remove the deck mat. (→P. 182)
2. Take out the jack.
   ① For tightening
   ② For loosening

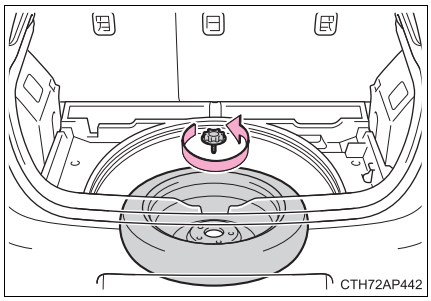


Taking out the spare tire

1 Remove the deck mat and tray. (→P. 182)



2 Loosen the center fastener that secures the spare tire.



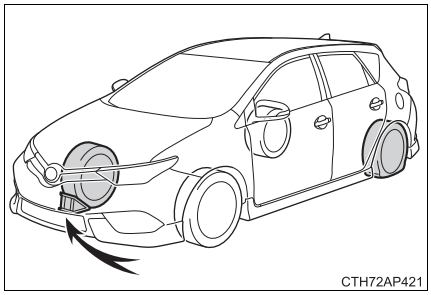
WARNING

n **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.

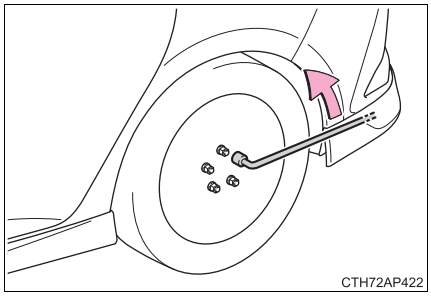
Replacing a flat tire

1 Chock the tires.



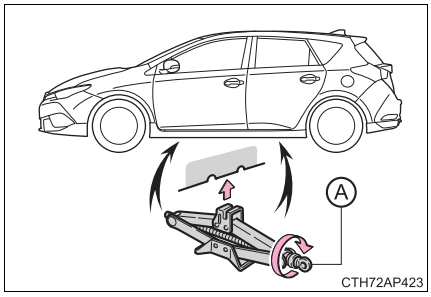
Flat tire		Wheel chock positions
Front	Left-hand side	Behind the rear right-hand side tire
	Right-hand side	Behind the rear left-hand side tire
Rear	Left-hand side	In front of the front right-hand side tire
	Right-hand side	In front of the front left-hand side tire

2 Slightly loosen the wheel nuts (one turn).

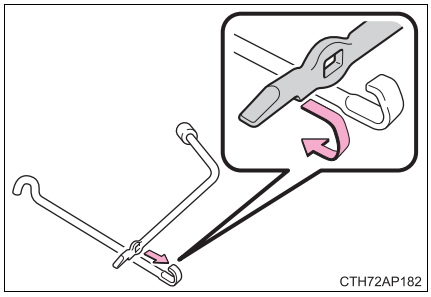


3 Turn the tire jack portion “A” by hand until the notch of the jack is in contact with the jack point.

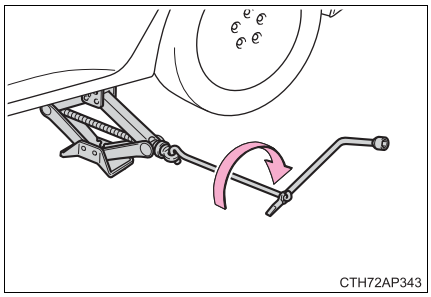
The jack point guides are located under the rocker panel. They indicate the jack point positions.



4 Assemble the jack handle extension.

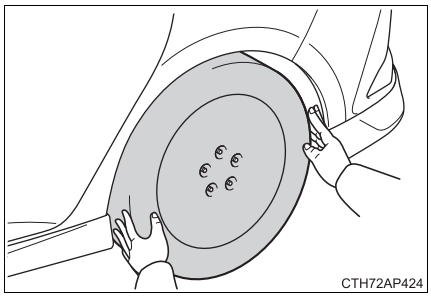


5 Raise the vehicle until the tire is slightly raised off the ground.



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

n **Replacing a flat tire**

l 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.

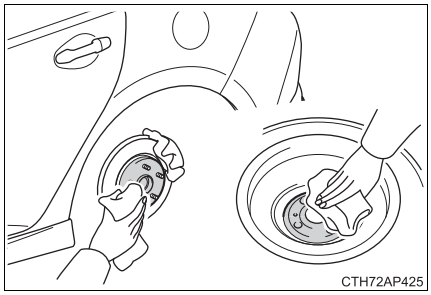
l Failure to follow these precautions could cause the wheel nuts to loosen and the tire to fall off, resulting in death or serious injury.

- Have the wheel nuts tightened with a torque wrench to 76 ft•lbf (103 N•m, 10.5 kgf•m) as soon as possible after changing wheels.
- Do not attach a heavily damaged wheel ornament, as it may fly off the wheel while the vehicle is moving.
- When installing a tire, only use wheel nuts that have been specifically designed for that wheel.
- If there are any cracks or deformations in the bolt screws, nut threads or bolt holes of the wheel, have the vehicle inspected by your Scion dealer.
- When installing the wheel nuts, be sure to install them with the tapered ends facing inward. (→P. 234)

Installing the spare tire

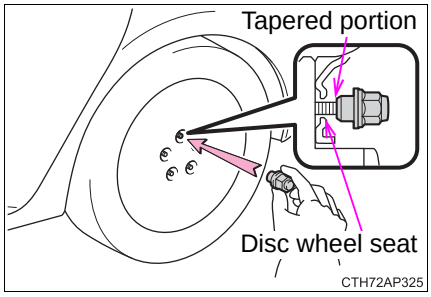
1 Remove any dirt or foreign matter from the wheel contact surface.

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.

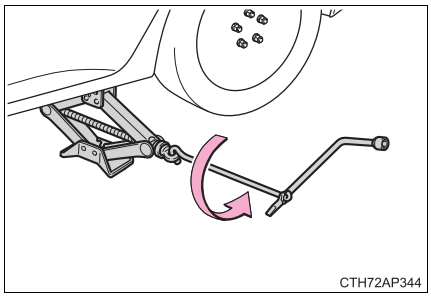


2 Install the tire and loosely tighten each wheel nut by hand by approximately the same amount.

Tighten the wheel nuts until the tapered portion comes into loose contact with the disc wheel seat.

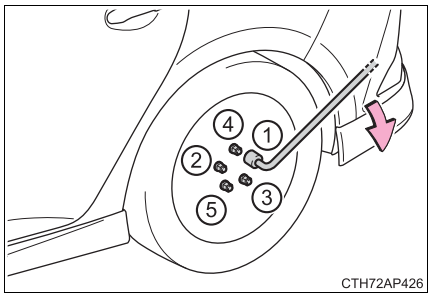


3 Lower the vehicle.



4 Firmly tighten each wheel nut two or three times in the order shown in the illustration.

Tightening torque:
76 ft•lbf (103 N•m, 10.5 kgf•m)



5 Stow the flat tire, tire jack and all tools.

The compact spare tire

- The compact spare tire is identified by the label “TEMPORARY USE ONLY” on the tire sidewall.
  Use the compact spare tire temporarily, and only in an emergency.
- Make sure to check the tire inflation pressure of the compact spare tire. (→P. 301)

When the compact spare tire is equipped

The vehicle becomes lower when driving with the compact spare tire compared to when driving with standard tires.

After completing the tire change

The tire pressure warning system must be reset. (→P. 222)

When using the compact spare tire

As the compact spare tire is not equipped with a tire pressure warning valve and transmitter, low inflation pressure of the spare tire will not be indicated by the tire pressure warning system. Also, if you replace the compact spare tire after the tire pressure warning light comes on, the light remains on.

WARNING

When using the compact spare tire

- Remember that the compact spare tire provided is specifically designed for use with your vehicle. Do not use your compact spare tire on another vehicle.
- Do not use more than one compact spare tires simultaneously.
- Replace the compact spare tire with a standard tire as soon as possible.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.

When the compact spare tire is attached

The vehicle speed may not be correctly detected, and the following systems may not operate correctly:

- ABS & Brake assist
- VSC
- TRAC
- Cruise control
- EPS

Speed limit when using the compact spare tire

Do not drive at speeds in excess of 50 mph (80 km/h) when a compact spare tire is installed on the vehicle.

The compact spare tire is not designed for driving at high speeds. Failure to observe this precaution may lead to an accident causing death or serious injury.

After using the tools and jack

Before driving, make sure all the tools and jack are securely in place in their storage location to reduce the possibility of personal injury during a collision or sudden braking.

NOTICE

- **Be careful when driving over bumps with the compact spare tire installed on the vehicle.**
  The vehicle becomes lower when driving with the compact spare tire compared to when driving with standard tires. Be careful when driving over uneven road surfaces.
- **Driving with tire chains and the compact spare tire**
  Do not fit tire chains to the compact spare tire.
  Tire chains may damage the vehicle body and adversely affect driving performance.
- **When replacing the tires**
  When removing or fitting the wheels, tires or the tire pressure warning valve and transmitter, contact your Scion dealer as the tire pressure warning valve and transmitter may be damaged if not handled correctly.
- **To avoid damage to the tire pressure warning valves and transmitters**
  When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact your Scion dealer or other qualified service shop as soon as possible. Make sure to replace the tire pressure warning valve and transmitter when replacing the tire. (→P. 221)

If the engine will not start

If the engine will not start even though correct starting procedures are being followed (→P. 128), 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. 128)
- There may be a malfunction in the engine immobilizer system. (→P. 66)

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. 285)
- The battery terminal connections may be loose or corroded.

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. 285)

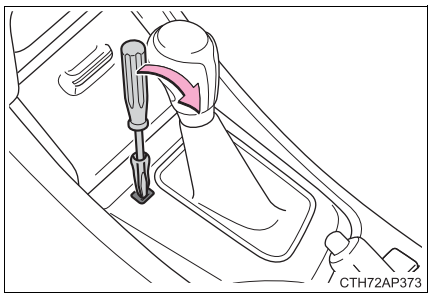
Contact your Scion dealer if the problem cannot be repaired, or if repair procedures are unknown.

If the shift lever cannot be shifted from P (vehicles with a continuously variable transmission)

If the shift lever cannot be shifted with your foot on the brake pedal, there may be a problem with the shift lock system (a system to prevent accidental operation of the shift lever). Have the vehicle inspected by your Scion dealer immediately.
The following steps may be used as an emergency measure to ensure that the shift lever can be shifted:

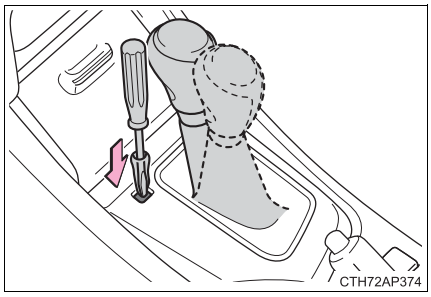
1. Set the parking brake.
2. Turn the engine switch to the “ACC” position.
3. Depress the brake pedal.
4. Pry the cover up with a flathead screwdriver or equivalent tool.

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



5. Press the shift lock override button.

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



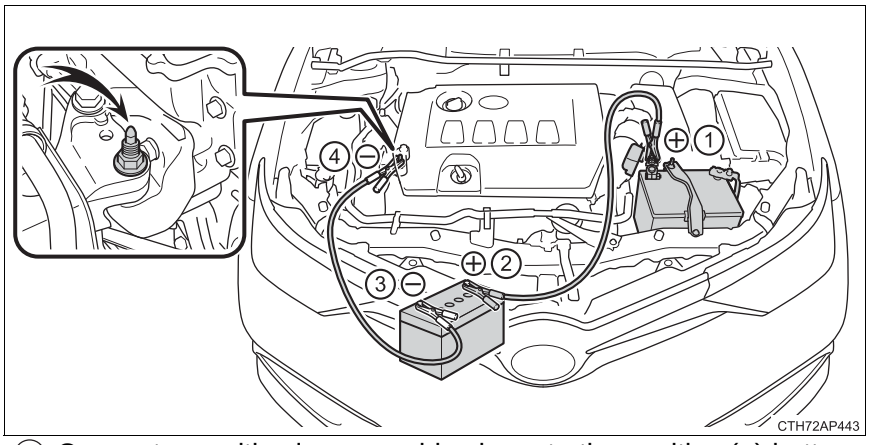
If the vehicle battery is discharged

The following procedures may be used to start the engine if the vehicle's battery is discharged.
You can also call your Scion 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 Open the hood. (→P. 205)

2 Connect the jumper cables according to the following procedure:



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 solid, stationary, unpainted metallic point away from the battery and any moving parts, as shown in the illustration.

3 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.

4 Maintain the engine speed of the second vehicle and turn the engine switch to the “ON” position, then start the vehicle's engine.

5 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 Scion dealer as soon as possible.

---

n **Starting the engine when the battery is discharged**

The engine cannot be started by push-starting.

n **To prevent battery discharge**

- Turn off the headlights and the air conditioning 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.

n **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.)

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.

If your vehicle overheats

The following may indicate that your vehicle is overheating.

- The engine coolant temperature gauge (→P. 74) enters the red zone or a loss of power is experienced (for example, the vehicle speed does not increase).
- Steam comes out from under the hood.

Correction procedures

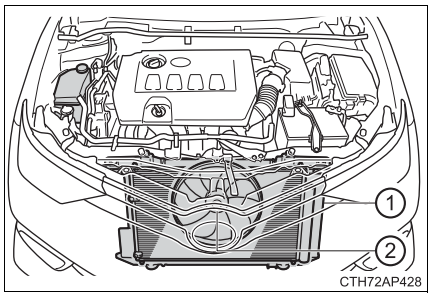
1. Stop the vehicle in a safe place and turn off the air conditioning system, and then stop the engine.
2. If you see steam:
   Carefully lift the hood after the steam subsides.

   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.

   ① Radiator

   ② Cooling fan

   If a large amount of coolant leaks, immediately contact your Scion dealer.

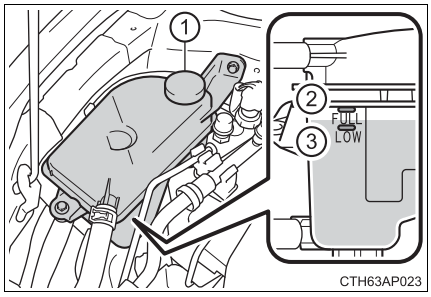


4 The coolant level is satisfactory if it is between the “FULL” and “LOW” lines on the reservoir.

① Reservoir

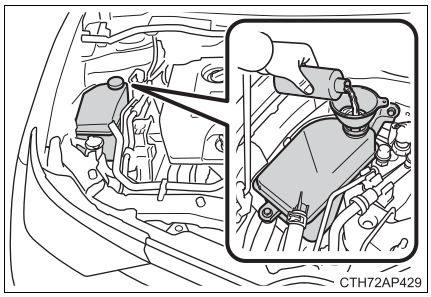
② “FULL”

③ “LOW”



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 operates and to check for coolant leaks from the radiator or hoses.

The fan operates when the air conditioning system is turned on immediately after a cold start. Confirm that the fan is operating by checking the fan sound and air flow. If it is difficult to check these, turn the air conditioning system on and off repeatedly.
(The fan may not operate in freezing temperatures.)

7 If the fan is not operating:
Stop the engine immediately and contact your Scion dealer.

If the fan is operating:
Have the vehicle inspected at the nearest Scion 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. Failure to do so may cause the hands or clothing to be caught, resulting in serious injury.
- Do not loosen the coolant reservoir cap while the engine and radiator are hot.
  High temperature steam or coolant could spray out.

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.

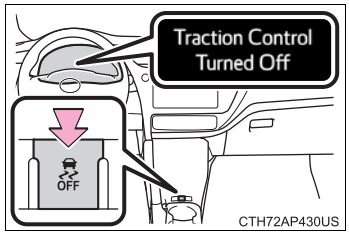
If the vehicle becomes stuck

Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt or snow:

1. Stop the engine. Shift the shift lever to P (continuously variable transmission) or N (manual transmission), and set the parking brake.
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.

n **When it is difficult to free the vehicle**

Press to turn off TRAC.



WARNING

n **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.

n **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

n **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.

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Maintenance data (fuel, oil level, etc.)

Dimensions and weights

Overall length		170.5 in. (4330 mm)
Overall width		69.3 in. (1760 mm)
Overall height*		58.1 in. (1475 mm)
Wheelbase		102.4 in. (2600 mm)
Tread	Front	59.6 in. (1515 mm)
	Rear	59.3 in. (1505 mm)
Vehicle capacity weight (occupants + luggage)		915 lb. (415 kg)

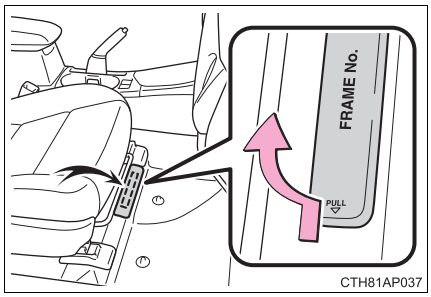
*: Unladen vehicles

Vehicle identification

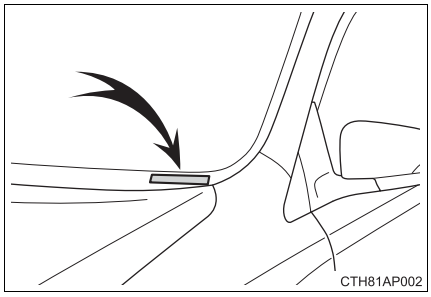
Vehicle identification number

The vehicle identification number (VIN) is the legal identifier for your vehicle. This is the primary identification number for your Scion. It is used in registering the ownership of your vehicle.

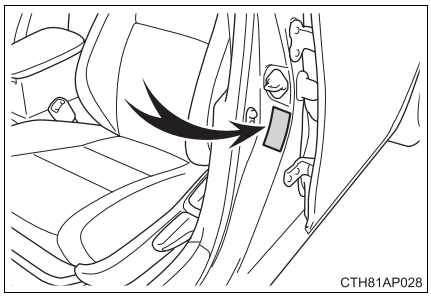
This number is stamped under the right-hand front seat.



This number is also stamped on the top left of the instrument panel.

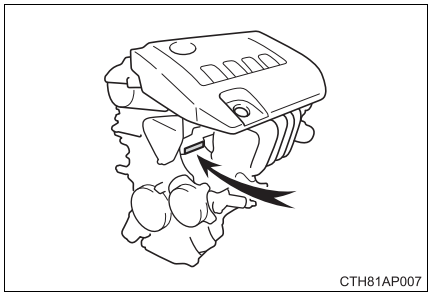


This number is also on the Certification Label.



n **Engine number**

The engine number is stamped on the engine block as shown.



Engine

Model	1.8 L 4-cylinder (2ZR-FAE) engine
Type	4 cylinder in line, 4 cycle, gasoline
Bore and stroke	3.17 × 3.48 in. (80.5 × 88.3 mm)
Displacement	109.7 cu. in. (1798 cm^3)
Drive belt tension	Automatic adjustment
Valve clearance (engine cold)	Automatic adjustment

Fuel

Fuel type	Unleaded gasoline only
Octane rating	87 (Research Octane Number 91) or higher
Fuel tank capacity (Reference)	14.0 gal. (53 L, 11.7 Imp. gal.)

Lubrication system

Oil capacity (Drain and refill — reference*)	
With filter	4.4 qt. (4.2 L, 3.7 Imp. qt.)
Without filter	4.1 qt. (3.9 L, 3.4 Imp. qt.)

*: The engine oil capacity is a reference quantity to be used when changing the engine oil. Warm up and turn off the engine, wait more than 5 minutes, and check the oil level on the dipstick.

n Engine oil selection

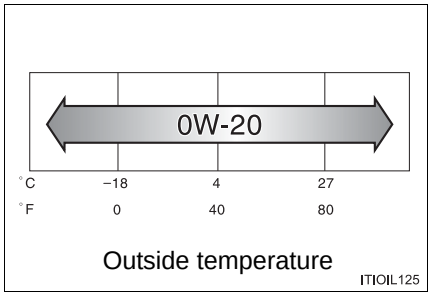
"Toyota Genuine Motor Oil" is used in your Scion vehicle. Use Scion approved "Toyota Genuine Motor Oil" or equivalent to satisfy the following grade and viscosity.

Oil grade: ILSAC GF-5 multigrade engine oil

Recommended viscosity: SAE 0W-20

SAE 0W-20 is the best choice for good fuel economy and good starting in cold weather.

If SAE 0W-20 is not available, SAE 5W-20 oil may be used. However, it must be replaced with SAE 0W-20 at the next oil change.

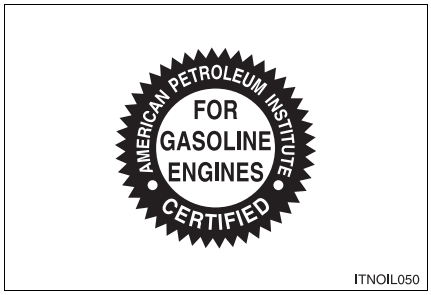


Oil viscosity (0W-20 is explained here as an example):

- The 0W in 0W-20 indicates the characteristic of the oil which allows cold startability. Oils with a lower value before the W allow for easier starting of the engine in cold weather.
- The 20 in 0W-20 indicates the viscosity characteristic of the oil when the oil is at high temperature. An oil with a higher viscosity (one with a higher value) may be better suited if the vehicle is operated at high speeds, or under extreme load conditions.

How to read oil container label:

The International Lubricant Specification Advisory Committee (ILSAC) Certification Mark is added to some oil containers to help you select the oil you should use.



Cooling system

Capacity	▶ Vehicles with a continuously variable transmission 6.1 qt. (5.8 L, 5.1 Imp. qt.) ▶ Vehicles with a manual transmission 5.9 qt. (5.6 L, 4.9 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
Gap	0.043 in. (1.1 mm)

NOTICE

n **Iridium-tipped spark plugs**
Use only iridium-tipped spark plugs. Do not adjust spark plug gap.

Electrical system

Battery Open voltage at 68°F (20°C):	12.6 — 12.8 V Fully charged 12.2 — 12.4 V Half charged 11.8 — 12.0 V Discharged (Voltage checked 20 minutes after the engine and all the lights turned off)
Charging rates	5 A max.

Continuously variable transaxle

Fluid capacity*	7.9 qt. (7.5 L, 6.6 Imp. qt.)
Fluid type	Toyota Genuine CVT Fluid FE

*: The fluid capacity is a reference quantity.
If replacement is necessary, contact your Scion dealer.

NOTICE

n **Continuously variable transaxle fluid type**

Using continuously variable transaxle fluid other than “Toyota Genuine CVT Fluid FE” may cause deterioration in shift quality, locking up of the transmission accompanied by vibration and, ultimately, damage to the vehicle’s transmission.

Manual transaxle

Gear oil capacity (Reference)	2.5 qt. (2.4 L, 2.1 Imp. qt.)
Gear oil type	Use either of the following: • “TOYOTA Genuine Manual Transmission Gear Oil LV” • Other gear oil that meets API GL-4 and SAE 75W specifications

NOTICE

n **Manual transmission gear oil**

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. Scion recommends to use “TOYOTA Genuine Manual Transmission Gear Oil LV” to achieve optimal performance.

Clutch

Pedal free play	0.2 — 0.6 in. (5 — 15 mm)
Fluid type	SAE J1703 or FMVSS No.116 DOT 3

Brakes

Pedal clearance*1	2.68 in. (68 mm) Min.
Pedal free play	0.04 — 0.24 in. (1 — 6 mm)
Brake pad wear limit	0.04 in. (1.0 mm)
Parking brake lever travel*2	6 — 9 clicks
Fluid type	SAE J1703 or FMVSS No.116 DOT 3

*1: Minimum pedal clearance when depressed with a force of 66 lbf (294 N, 30 kgf) while the engine is running

*2: Parking brake lever travel when pulled up with a force of 45.0 lbf (200 N, 20.4 kgf)

Steering

Free play	Less than 1.2 in. (30 mm)

Tires and wheels

Tire size	P225/45R17 90V, T125/70D17 98M
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 33 psi (230 kPa, 2.3 kgf/cm^2 or bar) Rear: 33 psi (230 kPa, 2.3 kgf/cm^2 or bar) Spare: 60 psi (420 kPa, 4.2 kgf/cm^2 or bar)
Wheel size	17 × 7 J, 17 × 4 T (compact spare)
Wheel nut torque	76 ft•lbf (103 N•m, 10.5 kgf•m)

Light bulbs

	Light bulbs	Bulb No.	W	Type
Exterior	Headlights	9012	55	A
	Front side marker lights	—	5	B
	Front turn signal lights	7444NA	28/8	C
	Side turn signal lights	—	5	C
	Rear turn signal lights	7440	21	B
	Stop lights	7440	21	B
	Back-up lights	921	16	B
	License plate lights	—	5	B
Interior	Vanity lights	—	5	D
	Front interior lights/ personal lights	—	8	B
	Rear interior light	—	8	D
	Luggage compart-ment light	—	5	D

A: HIR2 halogen bulbs
B: Wedge base bulbs (clear)
C: Wedge base bulbs (amber)
D: Double end bulbs

Fuel information

You must only use unleaded gasoline.
Select octane rating 87 (Research Octane Number 91) or higher. Use of unleaded gasoline with an octane rating lower than 87 may result in engine knocking. Persistent knocking can lead to engine damage.

At minimum, the gasoline you use should meet the specifications of ASTM D4814 in the U.S.A..

n **Gasoline quality**

In very few cases, driveability problems may be caused by the brand of gasoline you are using. If driveability problems persist, try changing the brand of gasoline. If this does not correct the problem, consult your Scion dealer.

n **Gasoline quality standards**

- Automotive manufacturers in the U.S.A., Europe and Japan have developed a specification for fuel quality called the World-Wide Fuel Charter (WWFC), which is expected to be applied worldwide.
- The WWFC consists of four categories that are based on required emission levels. In the U.S., category 4 has been adopted.
- The WWFC improves air quality by lowering emissions in vehicle fleets, and improves customer satisfaction through better performance.

n **Recommendation of the use of gasoline containing detergent additives**

- Scion recommends the use of gasoline that contains detergent additives to avoid the build-up of engine deposits.
- All gasoline sold in the U.S.A. contains minimum detergent additives to clean and/or keep clean intake systems, per EPA's lowest additives concentration program.
- Scion strongly recommends the use of Top Tier Detergent Gasoline. For more information on Top Tier Detergent Gasoline and a list of marketers, please go to the official website www.toptiergas.com.

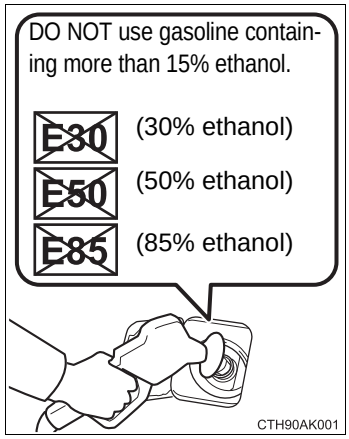
Recommendation of the use of low emissions gasoline

Gasolines containing oxygenates such as ethers and ethanol, as well as reformulated gasolines, are available in some cities. These fuels are typically acceptable for use, providing they meet other fuel requirements.

Scion recommends these fuels, since the formulations allow for reduced vehicle emissions.

Non-recommendation of the use of blended gasoline

- Use only gasoline containing up to 15% ethanol.
  DO NOT use any flex-fuel or gasoline that could contain more than 15% ethanol, including from any pump labeled E30, E50, E85 (which are only some examples of fuel containing more than 15% ethanol).



- If you use gasohol in your vehicle, be sure that it has an octane rating no lower than 87.
- Scion does not recommend the use of gasoline containing methanol.

n **Non-recommendation of the use of gasoline containing MMT**

Some gasoline contains an octane enhancing additive called MMT (Methylcyclopentadienyl Manganese Tricarbonyl).

Scion does not recommend the use of gasoline that contains MMT. If fuel containing MMT is used, your emission control system may be adversely affected.

The malfunction indicator lamp on the instrument cluster may come on. If this happens, contact your Scion dealer for service.

n **If your engine knocks**

- Consult your Scion 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

n **Notice on fuel quality**

- Do not use improper fuels. If improper fuels are used, the engine will be damaged.
- Do not use leaded gasoline.
  Leaded gasoline can cause damage to your vehicle's three-way catalytic converters causing the emission control system to malfunction.
- Do not use gasohol other than the type previously stated.
  Other gasohol may cause fuel system damage or vehicle performance problems.
- Using unleaded gasoline with an octane number or rating lower than the level previously stated will cause persistent heavy knocking.
  At worst, this will lead to engine damage.

n **Fuel-related poor driveability**

If poor driveability (poor hot starting, vaporization, engine knocking, etc.) is encountered after using a different type of fuel, discontinue the use of that type of fuel.

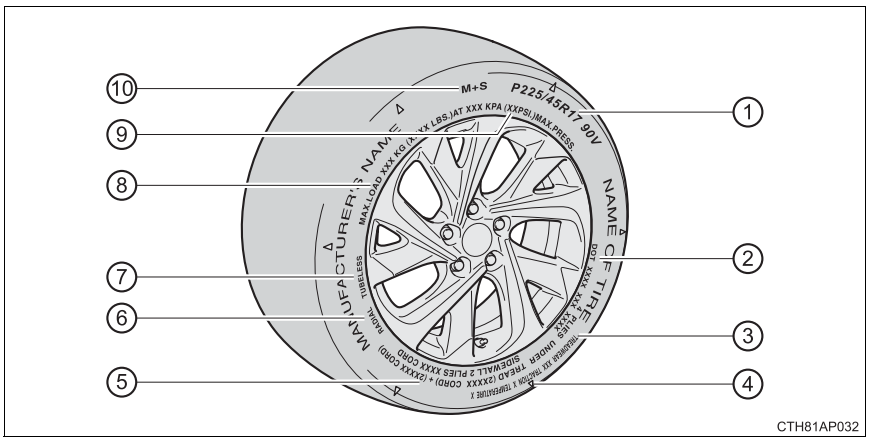
n **When refueling with gasohol**

Take care not to spill gasohol. It can damage your vehicle's paint.

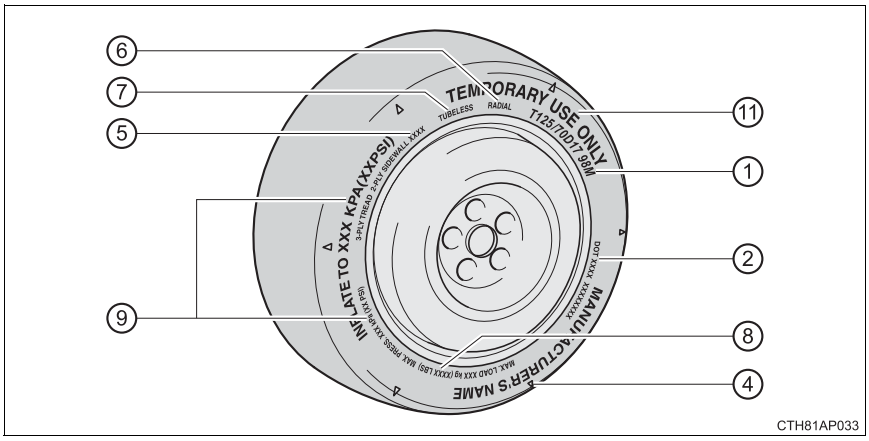
Tire information

Typical tire symbols

▶ Full-size tire



▶ Compact spare tire



① Tire size (→P. 309)

② DOT and Tire Identification Number (TIN)(→P. 308)

③ Uniform tire quality grading

For details, see “Uniform Tire Quality Grading” that follows.

④ Location of treadwear indicators(→P. 220)

⑤ Tire ply composition and materials

Plies are layers of rubber-coated parallel cords. Cords are the strands which form the plies in a tire.

⑥ Radial tires or bias-ply tires

A radial tire has “RADIAL” on the sidewall. A tire not marked “RADIAL” is a bias-ply tire.

⑦ TUBELESS or TUBE TYPE

A tubeless tire does not have a tube and air is directly put into the tire. A tube type tire has a tube inside the tire and the tube maintains the air pressure.

⑧ Load limit at maximum cold tire inflation pressure (→P. 313)

⑨ Maximum cold tire inflation pressure (→P. 313)

This means the pressure to which a tire may be inflated.

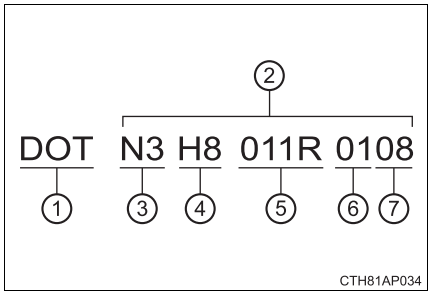
⑩ Summer tires or all season tires (→P. 224)

An all season tire has “M+S” on the sidewall. A tire not marked “M+S” is a summer tire.

⑪ “TEMPORARY USE ONLY”

A compact spare tire is identified by the phrase “TEMPORARY USE ONLY” molded on its sidewall. This tire is designed for temporary emergency use only.

Typical DOT and Tire Identification Number (TIN)



① DOT symbol*

② Tire Identification Number (TIN)

③ Tire manufacturer's identification mark

④ Tire size code

⑤ Manufacturer's optional tire type code (3 or 4 letters)

⑥ Manufacturing week

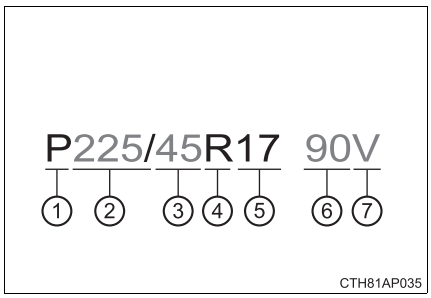
⑦ Manufacturing year

*: The DOT symbol certifies that the tire conforms to applicable Federal Motor Vehicle Safety Standards.

Tire size

n Typical tire size information

The illustration indicates typical tire size.



① Tire use (P = Passenger car, T = Temporary use)

② Section width (millimeters)

③ Aspect ratio (tire height to section width)

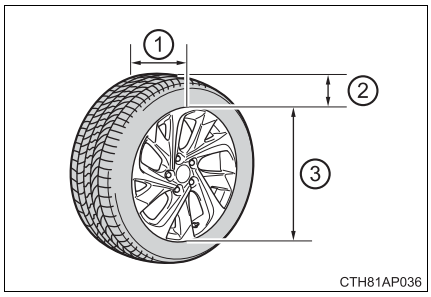
④ Tire construction code (R = Radial, D = Diagonal)

⑤ Wheel diameter (inches)

⑥ Load index (2 digits or 3 digits)

⑦ Speed symbol (alphabet with one letter)

n Tire dimensions

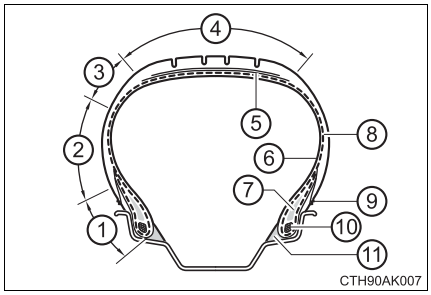


① Section width

② Tire height

③ Wheel diameter

Tire section names



① Bead
② Sidewall
③ Shoulder
④ Tread
⑤ Belt
⑥ Inner liner
⑦ Reinforcing rubber
⑧ Carcass
⑨ Rim lines
⑩ Bead wires
⑪ Chafer

Uniform Tire Quality Grading

This information has been prepared in accordance with regulations issued by the National Highway Traffic Safety Administration of the U.S. Department of Transportation.
It provides the purchasers and/or prospective purchasers of Scion vehicles with information on uniform tire quality grading.

Your Scion dealer will help answer any questions you may have as you read this information.

n DOT quality grades

All passenger vehicle tires must conform to Federal Safety Requirements in addition to these grades. Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum section width.

For example: Treadwear 200 Traction AA Temperature A

n Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course.

For example, a tire graded 150 would wear one and a half (1 - 1/2) times as well on the government course as a tire graded 100.
The relative performance of tires depends upon the actual conditions of their use. Performance may differ significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

n Traction AA, A, B, C

The traction grades, from highest to lowest, are AA, A, B and C, and they represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete.

A tire marked C may have poor traction performance.

Warning: The traction grade assigned to this tire is based on braking (straight ahead) traction tests and does not include cornering (turning) traction.

n Temperature A, B, C

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure.

Grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109.

Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Warning: The temperature grades of a tire assume that it is properly inflated and not overloaded.
Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

Glossary of tire terminology

Tire related term	Meaning
Cold tire inflation pressure	Tire pressure when the vehicle has been parked for three hours or more, or has not been driven more than 1 mile or 1.5 km under that condition
Maximum inflation pressure	The maximum cold inflated pressure to which a tire may be inflated, shown on the sidewall of the tire
Recommended inflation pressure	Cold tire inflation pressure recommended by a manufacturer
Accessory weight	The combined weight (in excess of those standard items which may be replaced) of automatic transmission, power steering, power brakes, power windows, power seats, radio and heater, to the extent that these items are available as factory-installed equipment (whether installed or not)
Curb weight	The weight of a motor vehicle with standard equipment, including the maximum capacity of fuel, oil and coolant, and if so equipped, air conditioning and additional weight optional engine
Maximum loaded vehicle weight	The sum of: (a) Curb weight (b) Accessory weight (c) Vehicle capacity weight (d) Production options weight
Normal occupant weight	150 lb. (68 kg) times the number of occupants specified in the second column of Table 1* that follows
Occupant distribution	Distribution of occupants in a vehicle as specified in the third column of Table 1* below

Tire related term	Meaning
Production options weight	The combined weight of installed regular production options weighing over 5 lb. (2.3 kg) in excess of the standard items which they replace, not previously considered in curb weight or accessory weight, including heavy duty brakes, ride levelers, roof rack, heavy duty battery, and special trim
Rim	A metal support for a tire or a tire and tube assembly upon which the tire beads are seated
Rim diameter (Wheel diameter)	Nominal diameter of the bead seat
Rim size designation	Rim diameter and width
Rim type designation	The industry manufacturer's designation for a rim by style or code
Rim width	Nominal distance between rim flanges
Vehicle capacity weight (Total load capacity)	The rated cargo and luggage load plus 150 lb. (68 kg) times the vehicle's designated seating capacity
Vehicle maximum load on the tire	The load on an individual tire that is determined by distributing to each axle its share of the maximum loaded vehicle weight, and dividing by two
Vehicle normal load on the tire	The load on an individual tire that is determined by distributing to each axle its share of curb weight, accessory weight, and normal occupant weight (distributed in accordance with Table 1* below), and dividing by two
Weather side	The surface area of the rim not covered by the inflated tire
Bead	The part of the tire that is made of steel wires, wrapped or reinforced by ply cords and that is shaped to fit the rim
Bead separation	A breakdown of the bond between components in the bead

Tire related term	Meaning
Bias ply tire	A pneumatic tire in which the ply cords that extend to the beads are laid at alternate angles substantially less than 90 degrees to the centerline of the tread
Carcass	The tire structure, except tread and sidewall rubber which, when inflated, bears the load
Chunking	The breaking away of pieces of the tread or sidewall
Cord	The strands forming the plies in the tire
Cord separation	The parting of cords from adjacent rubber compounds
Cracking	Any parting within the tread, sidewall, or inner-liner of the tire extending to cord material
CT	A pneumatic tire with an inverted flange tire and rim system in which the rim is designed with rim flanges pointed radially inward and the tire is designed to fit on the underside of the rim in a manner that encloses the rim flanges inside the air cavity of the tire
Extra load tire	A tire designed to operate at higher loads and at higher inflation pressures than the corresponding standard tire
Groove	The space between two adjacent tread ribs
Innerliner	The layer(s) forming the inside surface of a tubeless tire that contains the inflating medium within the tire
Innerliner separation	The parting of the innerliner from cord material in the carcass
Intended outboard sidewall	(a) The sidewall that contains a whitewall, bears white lettering, or bears manufacturer, brand, and/or model name molding that is higher or deeper than the same molding on the other sidewall of the tire, or (b) The outward facing sidewall of an asymmetrical tire that has a particular side that must always face outward when mounted on a vehicle

Tire related term	Meaning
Light truck (LT) tire	A tire designated by its manufacturer as primarily intended for use on lightweight trucks or multipurpose passenger vehicles
Load rating	The maximum load that a tire is rated to carry for a given inflation pressure
Maximum load rating	The load rating for a tire at the maximum permissible inflation pressure for that tire
Maximum permissible inflation pressure	The maximum cold inflation pressure to which a tire may be inflated
Measuring rim	The rim on which a tire is fitted for physical dimension requirements
Open splice	Any parting at any junction of tread, sidewall, or innerliner that extends to cord material
Outer diameter	The overall diameter of an inflated new tire
Overall width	The linear distance between the exteriors of the sidewalls of an inflated tire, including elevations due to labeling, decorations, or protective bands or ribs
Passenger car tire	A tire intended for use on passenger cars, multipurpose passenger vehicles, and trucks, that have a gross vehicle weight rating (GVWR) of 10,000 lb. or less.
Ply	A layer of rubber-coated parallel cords
Ply separation	A parting of rubber compound between adjacent plies
Pneumatic tire	A mechanical device made of rubber, chemicals, fabric and steel or other materials, that, when mounted on an automotive wheel, provides the traction and contains the gas or fluid that sustains the load
Radial ply tire	A pneumatic tire in which the ply cords that extend to the beads are laid at substantially 90 degrees to the centerline of the tread
Reinforced tire	A tire designed to operate at higher loads and at higher inflation pressures than the corresponding standard tire

Tire related term	Meaning
Section width	The linear distance between the exteriors of the sidewalls of an inflated tire, excluding elevations due to labeling, decoration, or protective bands
Sidewall	That portion of a tire between the tread and bead
Sidewall separation	The parting of the rubber compound from the cord material in the sidewall
Snow tire	A tire that attains a traction index equal to or greater than 110, compared to the ASTM E-1136 Standard Reference Test Tire, when using the snow traction test as described in ASTM F-1805-00, Standard Test Method for Single Wheel Driving Traction in a Straight Line on Snow-and Ice-Covered Surfaces, and which is marked with an Alpine Symbol ( ) on at least one sidewall
Test rim	The rim on which a tire is fitted for testing, and may be any rim listed as appropriate for use with that tire
Tread	That portion of a tire that comes into contact with the road
Tread rib	A tread section running circumferentially around a tire
Tread separation	Pulling away of the tread from the tire carcass
Treadwear indicators (TWI)	The projections within the principal grooves designed to give a visual indication of the degrees of wear of the tread
Wheel-holding fixture	The fixture used to hold the wheel and tire assembly securely during testing

*: Table 1 — Occupant loading and distribution for vehicle normal load for various designated seating capacities

Designated seating capacity, Number of occupants	Vehicle normal load, Number of occupants	Occupant distribution in a normally loaded vehicle
2 through 4	2	2 in front
5 through 10	3	2 in front, 1 in second seat
11 through 15	5	2 in front, 1 in second seat, 1 in third seat, 1 in fourth seat
16 through 20	7	2 in front, 2 in second seat, 2 in third seat, 1 in fourth seat

Customizable features

Your vehicle includes a variety of electronic features that can be personalized to suit your preferences. The settings of these features can be changed using the meter control switches or at your Scion dealer.

Customizing vehicle features using the meter control switches

→P. 78

Customizable features

Some function settings are changed simultaneously with other functions when customized. Contact your Scion dealer for further details.

① Settings that can be changed using the meter control switches

② Settings that can be changed by your Scion dealer

Definition of symbols: O = Available, —=Not available

n Gauges, meters and multi-information display (→P. 74, 76)

Function*1	Default setting	Customized setting	①	②
Eco Driving Indicator Light*2	On (Self-lighting)	Off	O	—
Language	English	French	O	—
Units*3	miles (MPG US)	km (L/100 km)	O	—
		km (km/L)		
Drive information 1	Current fuel consumption	*4	O	—
	Average fuel economy (after reset)			
Drive information 2	Distance (driving range)	*4	O	—
	Average vehicle speed (after reset)			

*1: For details about each function: →P. 80

*2: If equipped

*3: The default setting varies according to country.

*4: 2 of the following items: current fuel consumption, average fuel economy (after reset), average fuel economy (after start), average fuel economy (after refuel), average vehicle speed (after reset), average vehicle speed (after start), elapsed time (after reset), elapsed time (after start), distance (driving range), distance (after start), blank.

n Door lock (→P. 88)

Function	Default setting	Customized setting	①	②
Unlocking using a key	Driver's door unlocked in one step, all doors unlocked in two steps	All doors unlocked in one step	—	O

n Wireless remote control (→P. 84, 88)

Function	Default setting	Customized setting	①	②
Wireless remote control	On	Off	—	O
Unlocking operation	Driver's door unlocked in one step, all doors unlocked in two steps	All doors unlocked in one step	—	O
Operation buzzer volume	7	Off	—	O
		1 to 6		
Operation signal (emergency flashers)	On	Off	—	O
Time elapsed before automatic door lock function is activated if door is not opened after being unlocked	60 seconds	Off	—	O
		30 seconds		
		120 seconds		
Open door warning buzzer (when locking the vehicle)	On	Off	—	O
Alarm (panic mode)	On	Off	—	O

n Turn signal lever (→P. 137)

Function	Default setting	Customized setting	①	②
The number of times the turn signal lights flash automatically when the turn signal lever is moved to the first position during a lane change	3	4 to 7	—	O
		Off		

n Automatic light control system (→P. 139)

Function	Default setting	Customized setting	①	②
Light sensor sensitivity	Standard	-2 to 2	—	O
Time elapsed before headlights automatically turn off after doors are closed	30 seconds	Off	—	O
		60 seconds		
		90 seconds		

n Lights (→P. 139)

Function	Default setting	Customized setting	①	②
Daytime running light system (except Canada)	On	Off	—	O

n Automatic air conditioning system (→P. 166)

Function	Default setting	Customized setting	①	②
A/C auto switch operation	On	Off	—	O

n Illumination (→P. 173)

Function	Default setting	Customized setting	①	②
Time elapsed before the interior lights turn off	15 seconds	7.5 seconds	—	O
		30 seconds		
Operation after the engine switch is turned off	On	Off	—	O
Operation when the doors are unlocked	On	Off	—	O

n **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 operation buzzer volume and operational signal (emergency flashers) function settings.

WARNING

n **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

n **During customization**

To prevent battery discharge, ensure that the engine is running while customizing features.

Items to initialize

The following items must be initialized for normal system operation after such cases as maintenance being performed on the vehicle:

Item	When to initialize	Reference
Message indicating maintenance is required (U.S.A. only)	After the maintenance is performed	P. 197
Tire pressure warning system	• When rotating front and rear tires which have different tire inflation pressures • When changing the tire size • When changing the tire inflation pressure by changing traveling speed or load weight, etc.	P. 222

For owners 9

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for Canadian owners
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Reporting safety defects for U.S. owners

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Toyota Motor Sales, U.S.A., Inc. (Toll-free: 1-800-331-4331).

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Toyota Motor Sales, U.S.A., Inc.

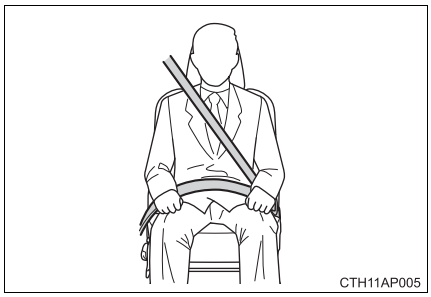
To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to *http://www.safercar.gov* ; or write to: Administrator, NHTSA, 1200 New Jersey Ave, S.E., Washington, DC 20590. You can also obtain other information about motor vehicle safety from *http://www.safercar.gov*.

Seat belt instructions for Canadian owners (in French)

The following is a French explanation of seat belt instructions extracted from the seat belt section in this manual.

See the seat belt section for more detailed seat belt instructions in English.

Utilisation correcte des ceintures de sécurité



- Déroulez la sangle diagonale de telle sorte qu'elle passe bien sur l'épaule, sans pour autant être en contact avec le cou ou glisser de l'épaule.
- Placez la sangle abdominale le plus bas possible sur les hanches.
- Réglez la position du dossier de siège. Asseyez-vous le dos droit et calez-vous bien dans le siège.
- Ne vrillez pas la ceinture de sécurité.

Entretien et soin

Ceintures de sécurité

Nettoyez avec un chiffon ou une éponge humidifiés avec de l'eau savonneuse tiède. Vérifiez régulièrement que les ceintures ne sont pas usées, effilochées ou entaillées excessivement.

AVERTISSEMENT

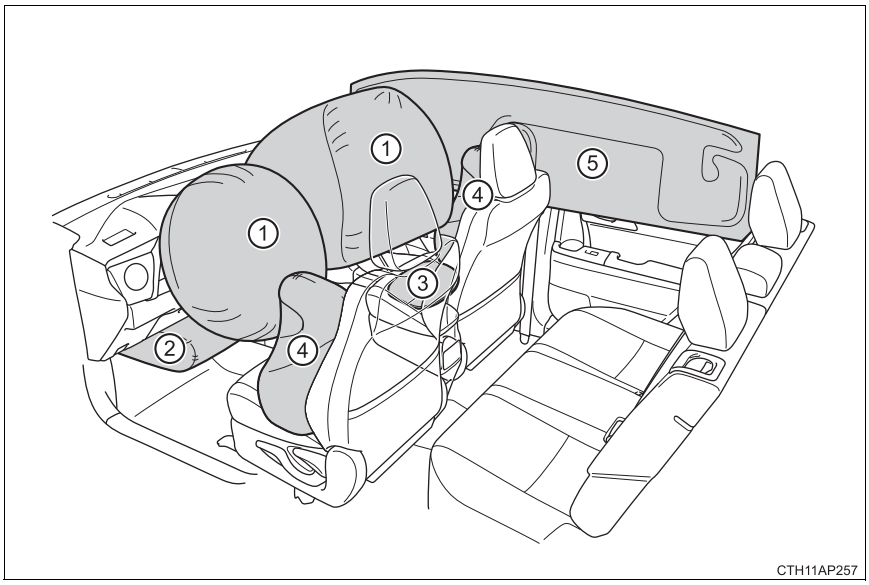
n **Détérioration et usure des ceintures de sécurité**

Inspectez le système de ceintures de sécurité régulièrement. Contrôlez l'absence de coupures, d'effilochages et de pièces desserrées. N'utilisez pas une ceinture de sécurité endommagée avant qu'elle ne soit remplacée. Une ceinture de sécurité endommagée ne permet pas de protéger un occupant de blessures graves ou mortelles.

SRS airbag instructions for Canadian owners (in French)

The following is a French explanation of SRS airbag instructions extracted from the SRS airbag section in this manual.

See the SRS airbag section for more detailed SRS airbag instructions in English.



u **Coussins gonflables frontaux SRS**

① Coussin gonflable conducteur/coussin gonflable du passager avant SRS
Participent à la protection de la tête et du thorax du conducteur et du passager avant contre les chocs contre les éléments de l'habitacle

② Coussin gonflable de genoux du conducteur SRS
Participent à la protection du conducteur

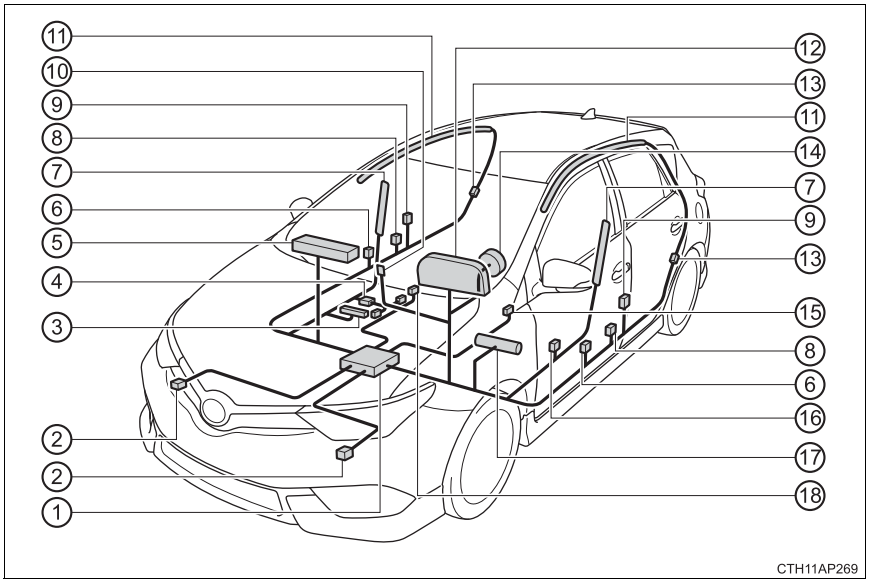
③ Coussin gonflable de coussin de siège SRS
Contribue à retenir le passager avant

u Coussins gonflables latéraux et rideaux SRS

④ Coussins gonflables latéraux avant SRS
Participent à la protection du torse des occupants de siège avant

⑤ Coussins gonflables rideaux SRS
- Participent principalement à la protection de la tête des occupants des sièges latéraux
- Peut contribuer à empêcher les occupants d'être éjectés du véhicule en cas de tonneau

Composants du système de coussins gonflables SRS



① Ensemble de capteurs de coussins gonflables
② Capteurs d'impact avant
③ Coussin gonflable de coussin de siège
④ Système de classification de l'occupant du siège passager avant (ECU et capteurs)
⑤ Coussin gonflable passager avant
⑥ Capteurs d'impact latéral (portes avant)
⑦ Coussins gonflables latéraux
⑧ Prétensionneurs de ceintures de sécurité et limiteurs de force
⑨ Capteurs d'impact latéral (avant)
⑩ Témoins indicateurs “AIR BAG ON” et “AIR BAG OFF”
⑪ Coussins gonflables rideaux
⑫ Témoin d'avertissement SRS
⑬ Capteurs d'impact latéral (arrière)
⑭ Coussin gonflable conducteur
⑮ Contact de boucle de ceinture de sécurité conducteur
⑯ Capteur de position du siège conducteur
⑰ Coussin gonflable de genoux du conducteur
⑱ Contact de boucle de ceinture de sécurité du passager avant

Votre véhicule est équipé de COUSSINS GONFLABLES INTELLIGENTS conçus selon les normes de sécurité américaines applicables aux véhicules à moteur (FMVSS208). L'ensemble de capteurs de coussins gonflables (ECU) régule le déploiement des coussins gonflables sur la base des informations qu'il reçoit des capteurs, etc., indiqués ci-dessus dans le schéma illustrant les composants du système. Parmi ces informations figurent la gravité du choc et l'occupation du véhicule par les passagers. Le déploiement rapide des coussins gonflables est obtenu au moyen d'une réaction chimique dans les dispositifs pyrotechniques, qui produit un gaz inoffensif permettant d'amortir le mouvement des occupants.

AVERTISSEMENT

n **Précautions relatives aux coussins gonflables SRS**

Respectez les précautions suivantes concernant les coussins gonflables SRS.
Le non-respect de ces précautions peut occasionner des blessures graves, voire mortelles.

l Le conducteur et tous les passagers du véhicule doivent porter correctement leur ceinture de sécurité.
Les coussins gonflables SRS sont des dispositifs supplémentaires à utiliser avec les ceintures de sécurité.

l Le coussin gonflable conducteur SRS se déploie avec une force considérable, pouvant occasionner des blessures graves, voire mortelles, si le conducteur se trouve très près du coussin gonflable. L'autorité fédérale chargée de la sécurité routière aux États-Unis (NHTSA) conseille:

La zone à risque du coussin gonflable conducteur se situant dans les premiers 2 à 3 in. (50 à 75 mm) de déploiement, vous placer à 10 in. (250 mm) de votre coussin gonflable conducteur vous garantit une marge de sécurité suffisante. Cette distance est à mesurer entre le centre du volant et le sternum. Si vous êtes assis à moins de 10 in. (250 mm), vous pouvez changer votre position de conduite de plusieurs façons:

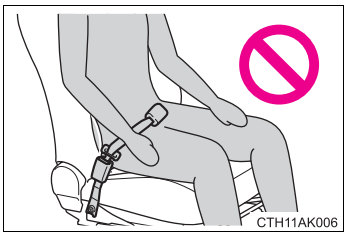
- Reculez votre siège le plus possible, de manière à pouvoir encore atteindre confortablement les pédales.
- Inclinez légèrement le dossier du siège.
  Bien que les véhicules aient une conception différente, un grand nombre de conducteurs peuvent s'asseoir à une distance de 10 in. (250 mm), même avec le siège conducteur complètement avancé, simplement en inclinant un peu le dossier de siège. Si vous avez des difficultés à voir la route après avoir incliné le dossier de votre siège, utilisez un coussin ferme et antidérapant pour vous rehausser ou remontez le siège si votre véhicule est équipé de cette fonction.
- Si votre volant est réglable, inclinez-le vers le bas. Cela a pour effet d'orienter le coussin gonflable en direction de votre poitrine plutôt que de votre tête et de votre cou.

Réglez votre siège selon les recommandations de la NHTSA ci-dessus, tout en conservant le contrôle des pédales, du volant et la vue des commandes du tableau de bord.

AVERTISSEMENT

n **Précautions relatives aux coussins gonflables SRS**

l Si vous attachez une rallonge de ceinture de sécurité aux boucles de ceinture de sécurité avant, sans l'attacher au pêne de la ceinture de sécurité, les coussins gonflables frontaux SRS déterminent que le conducteur et le passager avant ont attaché leur ceinture de sécurité, bien que la ceinture de sécurité ne soit pas attachée. Dans ce cas, les coussins gonflables frontaux SRS peuvent ne pas se déployer correctement en cas de collision, pouvant occasionner des blessures graves, voire mortelles. Veillez à porter la ceinture de sécurité avec la rallonge de ceinture de sécurité.



l Le coussin gonflable passager avant SRS se déploie également avec une force considérable, pouvant occasionner des blessures graves, voire mortelles, si le passager avant se trouve très près du coussin gonflable. Le siège du passager avant doit être éloigné le plus possible du coussin gonflable en réglant le dossier de siège de façon à ce que le passager avant soit assis bien droit dans le siège.

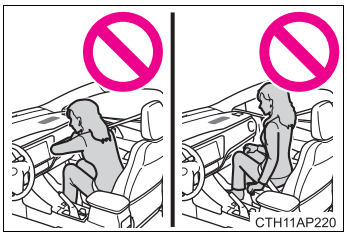
l Les nourrissons et les enfants qui ne sont pas correctement assis et/ou attachés peuvent être grièvement blessés ou tués par le déploiement d'un coussin gonflable. Un nourrisson ou un enfant trop petit pour utiliser une ceinture de sécurité doit être correctement attaché au moyen d'un siège de sécurité enfant. Scion recommande vivement d'installer tous les nourrissons et enfants sur les sièges arrière du véhicule et de prévoir pour eux des systèmes de retenue adaptés. Les sièges arrière sont plus sûrs pour les nourrissons et les enfants que le siège du passager avant.

l N'installez jamais un siège de sécurité enfant type dos à la route sur le siège passager avant, même si le témoin indicateur “AIR BAG OFF” est allumé. En cas d'accident, par la violence et la vitesse de son déploiement, le coussin gonflable du passager avant peut blesser grièvement, voire tuer l'enfant si le siège de sécurité enfant type dos à la route est installé sur le siège passager avant.

AVERTISSEMENT

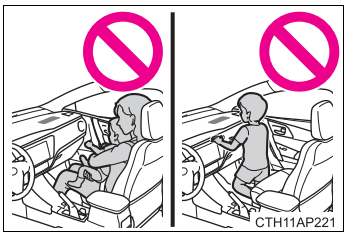
n **Précautions relatives aux coussins gonflables SRS**

l Ne vous asseyez pas sur le bord du siège et ne vous appuyez pas contre la planche de bord.

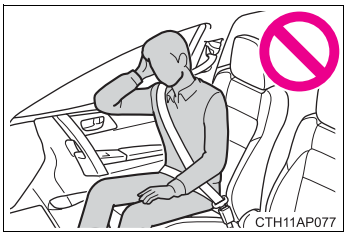


l Ne laissez pas un enfant rester debout devant le coussin gonflable passager avant SRS ou s'asseoir sur les genoux du passager avant.

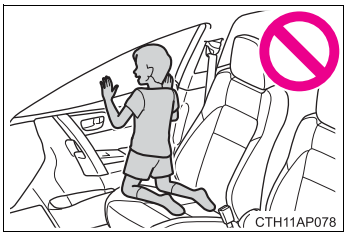
l Ne laissez pas les occupants des sièges avant voyager avec un objet sur les genoux.



l Ne vous appuyez pas contre la porte, le rail latéral de toit ou les montants avant, latéraux et arrière.



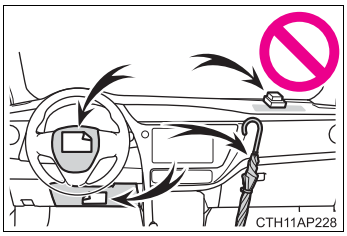
l Ne laissez personne s'agenouiller sur les sièges passagers en appui contre la porte ou sortir la tête ou les mains à l'extérieur du véhicule.



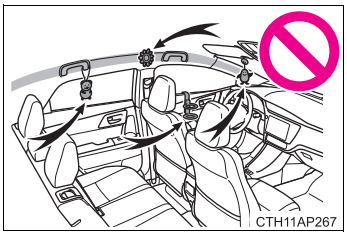
AVERTISSEMENT

n **Précautions relatives aux coussins gonflables SRS**

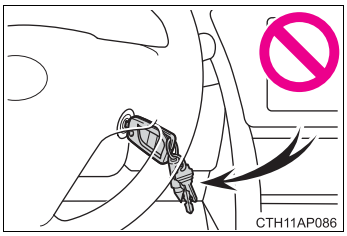
l Ne fixez rien et ne posez rien sur des emplacements tels que la planche de bord, la garniture du volant et la partie inférieure du tableau de bord.
Au déploiement des coussins gonflables conducteur, passager avant et genoux du conducteur SRS, ces objets risquent de se transformer en projectiles.



l Ne fixez rien aux portes, à la vitre du pare-brise, aux vitres latérales, aux montants avant et arrière, au rail latéral de toit et à la poignée d'assistance.



l Ne fixez pas d'objets lourds, pointus ou très durs, tels que des clés et des accessoires aux clés. Ces objets risquent d'entraver le déploiement du coussin gonflable de genoux du conducteur SRS ou d'être projetés vers le siège conducteur par la force de déploiement du coussin gonflable, constituant ainsi un danger potentiel.



AVERTISSEMENT

n **Précautions relatives aux coussins gonflables SRS**

- Si un cache en vinyle est placé sur la zone où le coussin gonflable de genoux du conducteur SRS se déploie, assurez-vous de le retirer.
- N'utilisez aucun accessoire de siège recouvrant les zones de déploiement des coussins gonflables latéraux SRS et du coussin gonflable de coussin de siège SRS, car il risque de gêner le déploiement des coussins gonflables SRS. De tels accessoires peuvent empêcher les coussins gonflables latéraux et le coussin gonflable de coussin de siège de s'activer correctement, désactiver le système ou entraîner le déploiement accidentel des coussins gonflables latéraux et du coussin gonflable de coussin de siège, occasionnant des blessures graves, voire mortelles.
- Évitez de faire subir des chocs ou des pressions excessives aux parties renfermant les composants de coussins gonflables SRS.
  En effet, cela pourrait entraîner un dysfonctionnement des coussins gonflables SRS.
- Ne touchez aucun composant immédiatement après le déploiement (gonflage) des coussins gonflables SRS, car ils peuvent être chauds.
- Si vous avez des difficultés à respirer après le déploiement des coussins gonflables SRS, ouvrez une porte ou une vitre pour faire entrer de l'air frais, ou bien descendez du véhicule si cela ne présente pas de danger. Essuyez tout résidu dès que possible afin d'éviter d'éventuelles irritations de la peau.
- Si les parties renfermant les coussins gonflables SRS, comme les garnitures du volant et des montants avant et arrière, sont endommagées ou craquelées, faites-les remplacer par votre concessionnaire Scion.
- Ne placez rien sur le siège du passager avant, comme un coussin par exemple. Cela a pour conséquence de répartir le poids du passager sur toute la surface du siège, ce qui empêche le capteur de détecter correctement le poids du passager. En conséquence, les coussins gonflables frontaux SRS du passager avant risquent de ne pas se déployer en cas de collision.

AVERTISSEMENT

n **Modification et mise au rebut des composants du système de coussins gonflables SRS**

Ne mettez pas votre véhicule au rebut et ne procédez à aucune des modifications suivantes sans consulter votre concessionnaire Scion. Les coussins gonflables SRS peuvent ne pas fonctionner correctement ou se déployer (se gonfler) accidentellement, provoquant la mort ou de graves blessures.

- Installation, dépose, démontage et réparation des coussins gonflables SRS
- Réparations, modifications, dépose ou remplacement du volant, du tableau de bord, de la planche de bord, des sièges ou de leur garnissage, des montants avant, latéraux et arrière ou des rails latéraux de toit
- Réparations ou modifications des ailes avant, du pare-chocs avant ou des flancs de l'habitacle
- Installation d'un protège-calandre (pare-buffle, pare-kangourou, etc.), de chasse-neige, de treuils ou d'un porte-bagages de toit
- Modifications du système de suspension du véhicule
- Installation d'appareils électroniques tels que les émetteurs/récepteurs radios mobiles et les lecteurs CD
- Modifications de votre véhicule pour une personne atteinte d'un handicap physique

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What to do if... (Troubleshooting)

If you have a problem, check the following before contacting your Scion 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 Scion dealer. (→P. 85)

The doors cannot be locked or unlocked

- Is the key battery weak or depleted? (→P. 237)
- The function may not operate properly due to the condition of the radio wave. (→P. 85)

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. 90)

If you think something is wrong

The engine does not start

- Vehicles with a manual transmission:
  Do you turn the key with the clutch pedal depressed firmly?
  (→P. 128)
- Vehicles with a continuously variable transmission:
  Is the shift lever in P? (→P. 128)
- Is the steering wheel unlocked? (→P. 129)
- Is the battery discharged? (→P. 285)

The shift lever cannot be shifted from P even if you depress the brake pedal (vehicles with a continuously variable transmission)

- 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. 284)

The steering wheel cannot be turned after the engine is stopped

- It is locked to prevent theft of the vehicle if the key is pulled from the engine switch. (→P. 128)

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. 106)

A warning buzzer sounds during driving

- The seat belt reminder light is flashing
  Are the driver and the front passenger wearing the seat belts? (→P. 263)
- The brake system warning light is on
  Is the parking brake released? (→P. 138)

Depending on the situation, other types of warning buzzer may also sound. (→P. 262, 269)

A warning light turns on or a warning message is displayed

- When a warning light turns on or a warning message is displayed, refer to P. 262, 269.

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. 272)

The vehicle becomes stuck

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P. 291)

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GAS STATION INFORMATION

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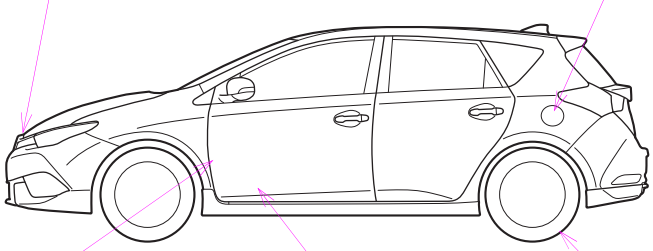
P. 205	P. 147



Hood lock release lever	Fuel filler door opener	Tire inflation pressure
P. 205	P. 147	P. 301

Fuel tank capacity (Reference)	14.0 gal. (53 L, 11.7 Imp. gal.)
Fuel type	P. 296
Cold tire inflation pressure	P. 301
Engine oil capacity (Drain and refill — reference)	P. 296
Engine oil type	“Toyota Genuine Motor Oil” or equivalent P. 296