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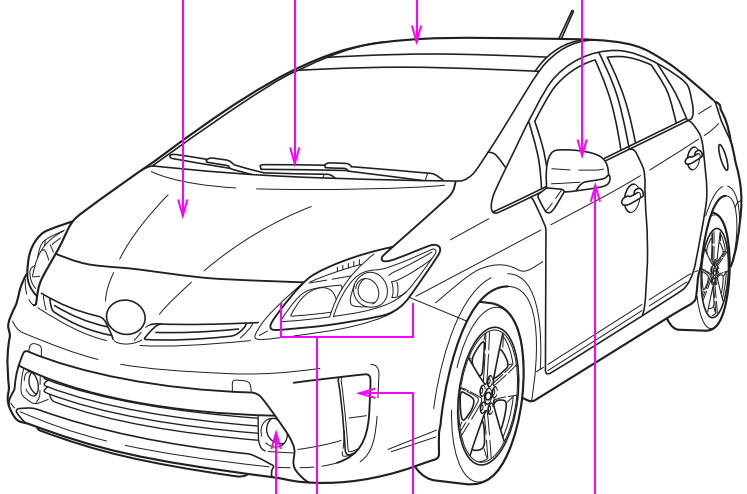
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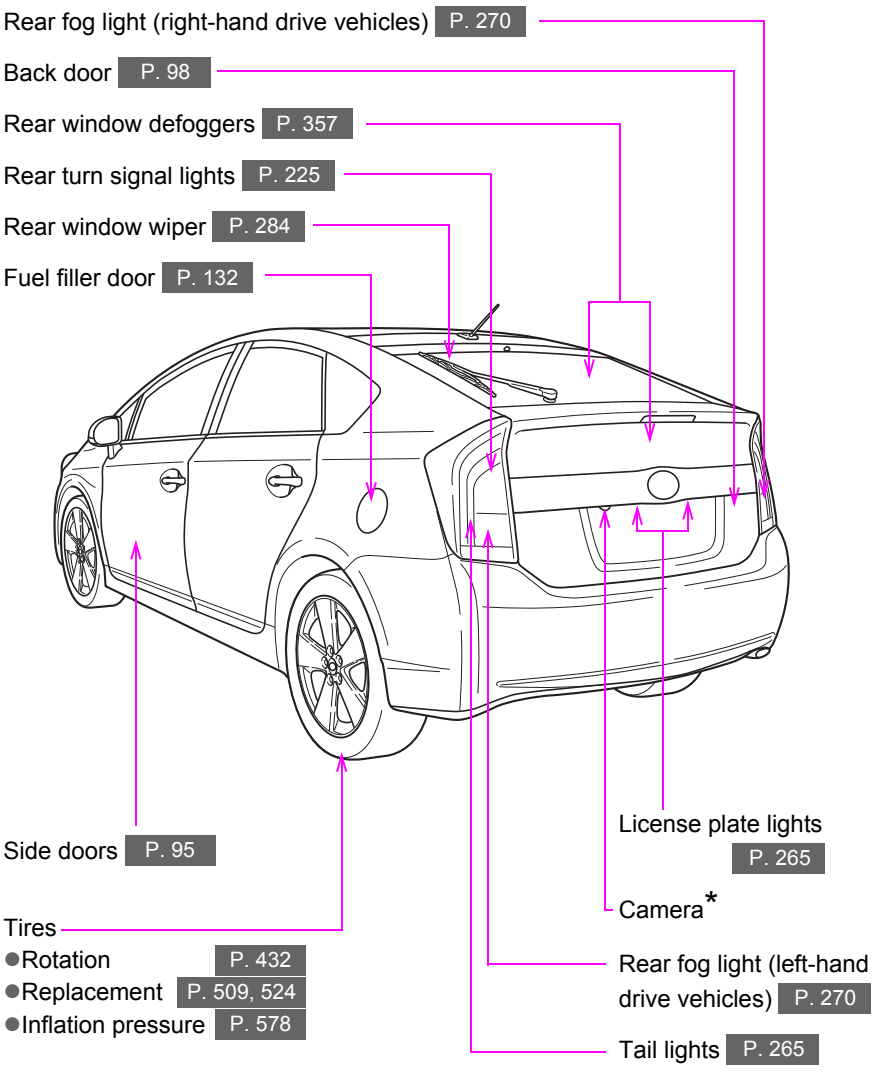
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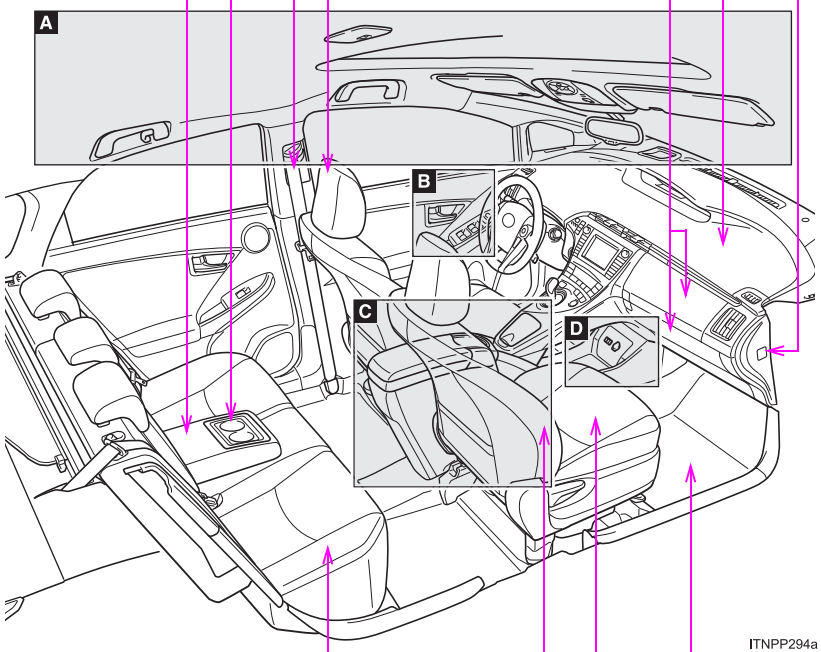


*: If equipped

*: Refer to ""touch screen" Owner's Manual" or "Navigation System Owner's Manual".

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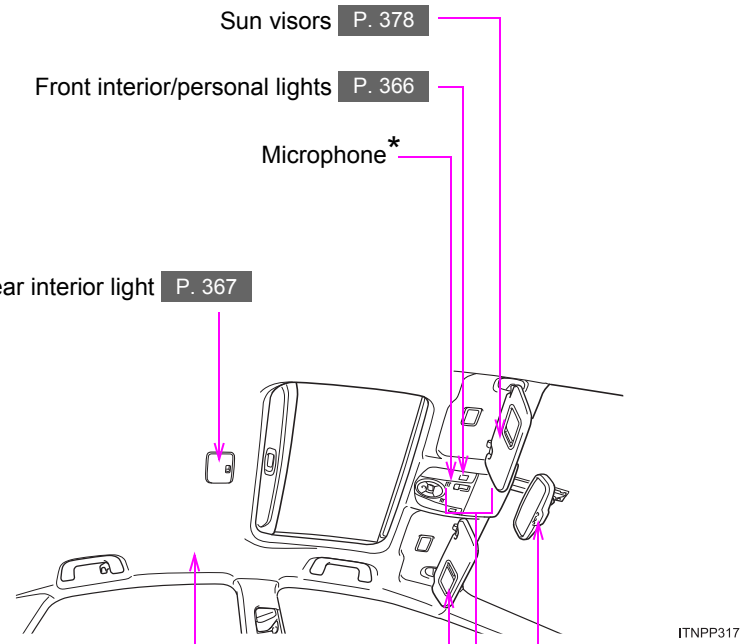
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*: If equipped

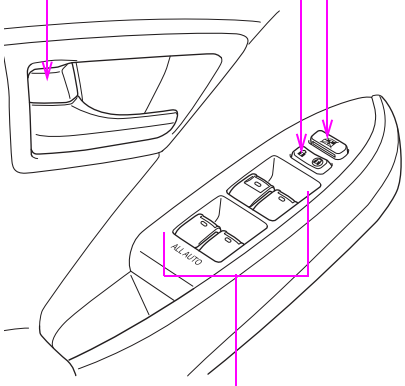
*: Refer to ""touch screen" Owner's Manual" or "Navigation System Owner's Manual".

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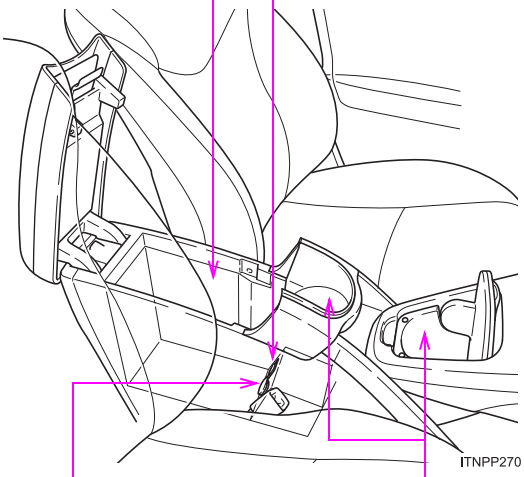
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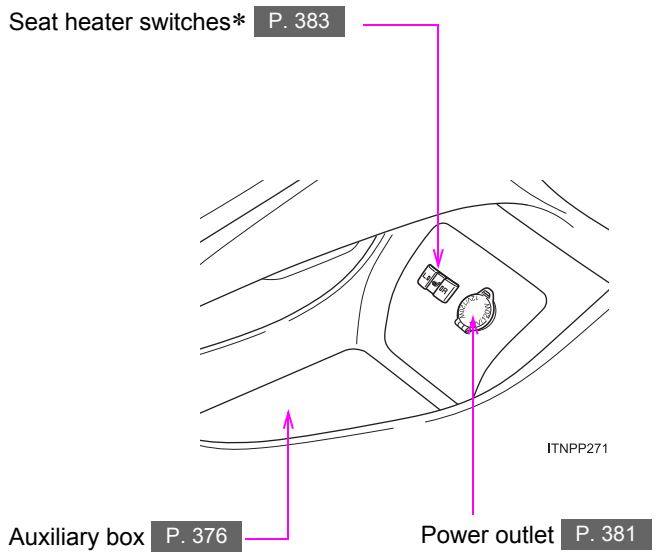


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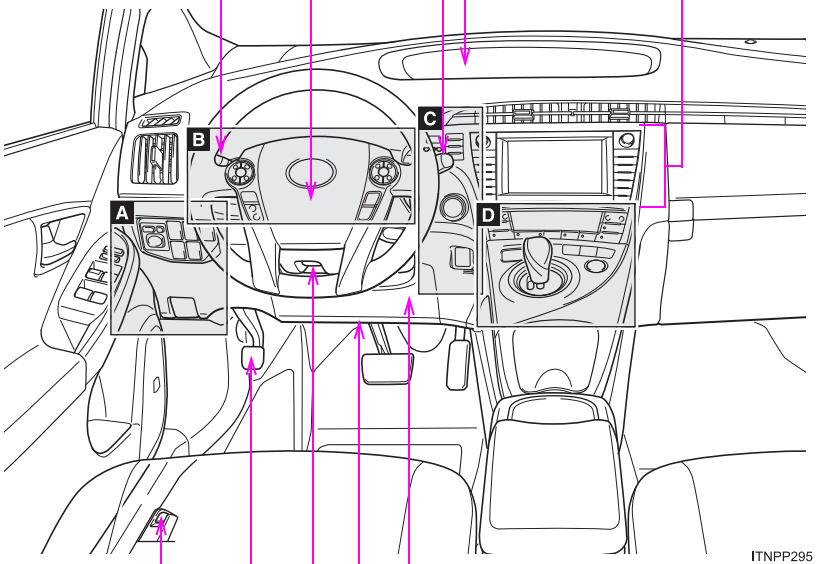
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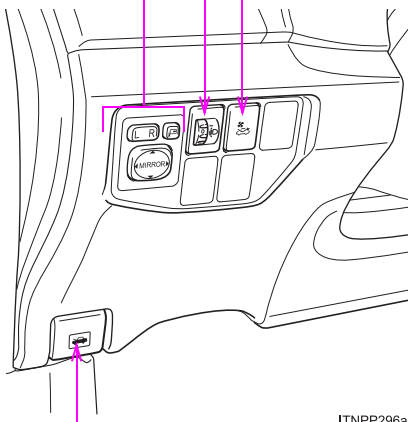
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*: If equipped
*1: Refer to “Navigation System Owner’s Manual”.
*2: Refer to ““touch screen” Owner’s Manual”.

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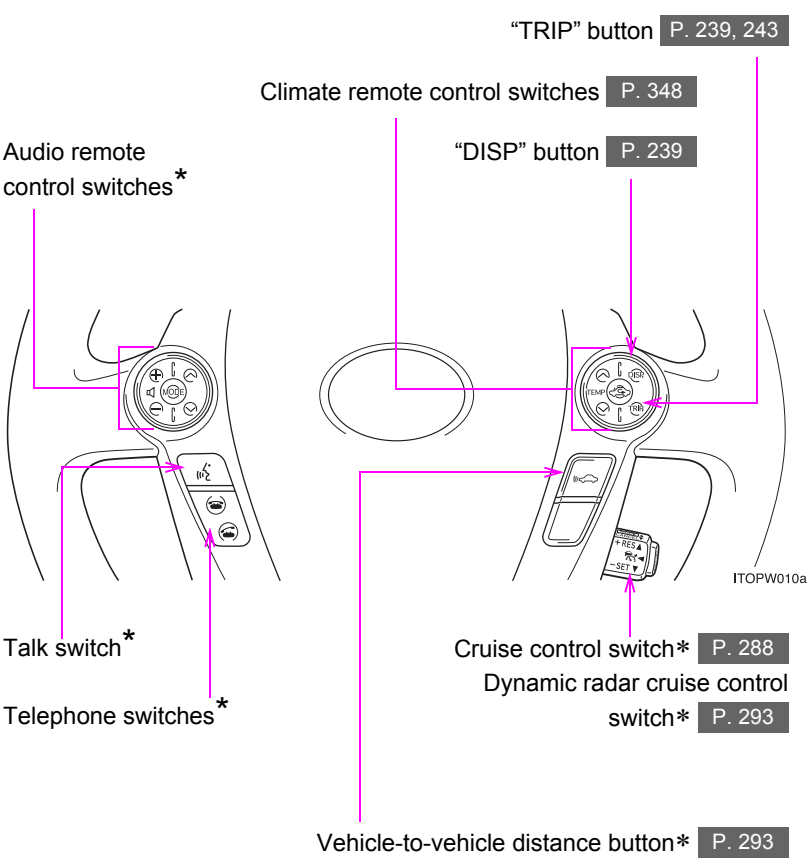
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*: If equipped

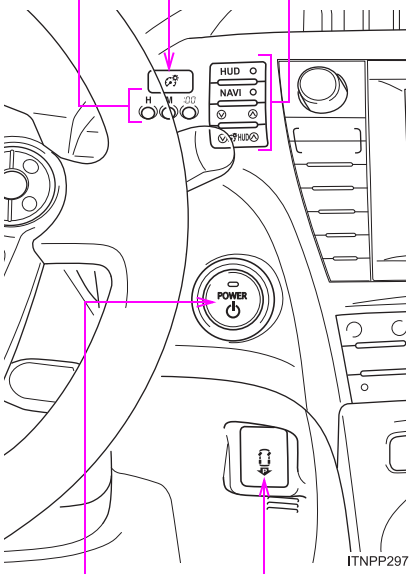
*: Refer to ""touch screen" Owner's Manual" or "Navigation System Owner's Manual".

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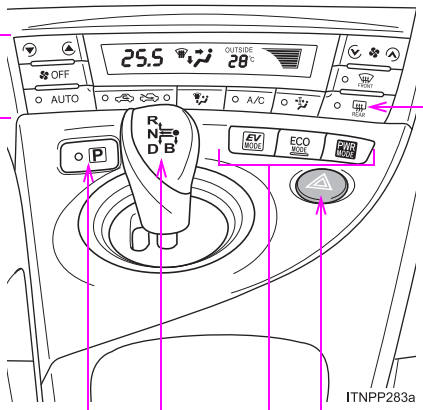
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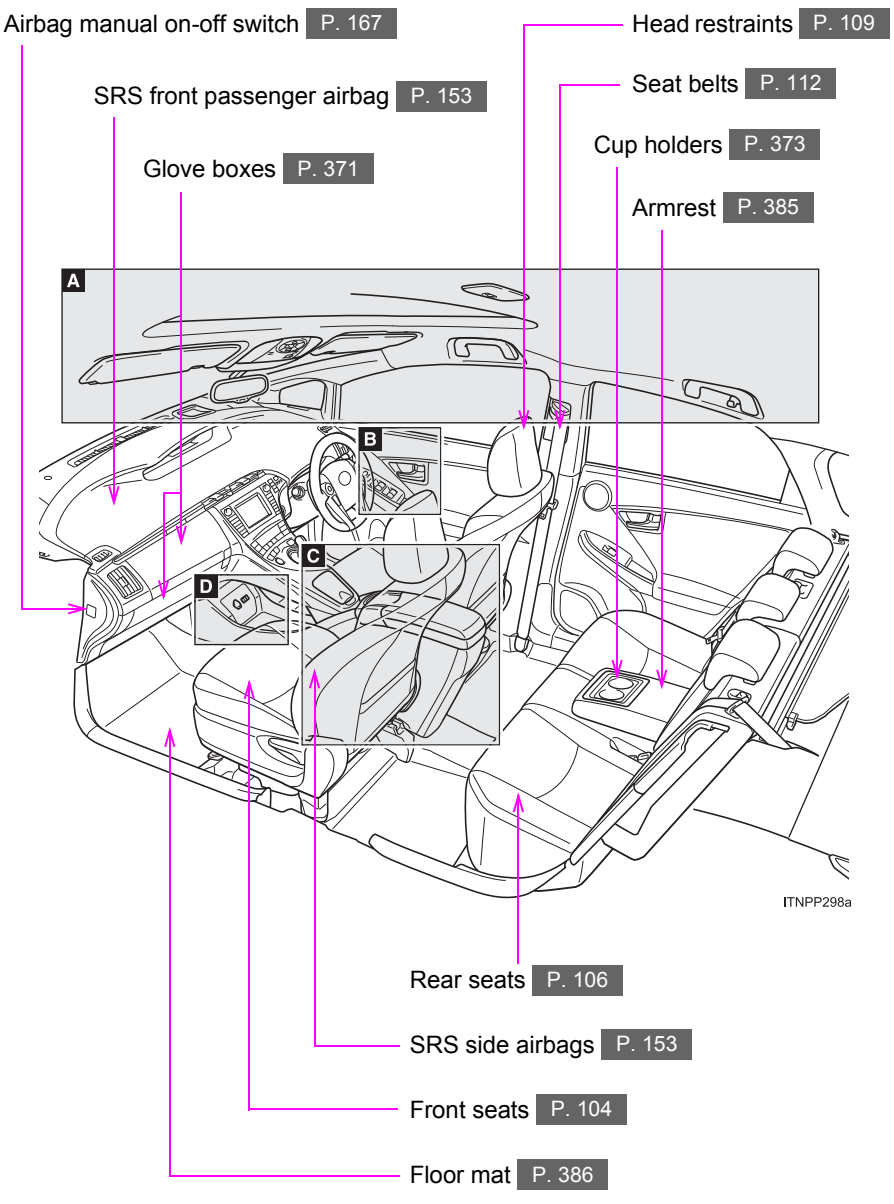
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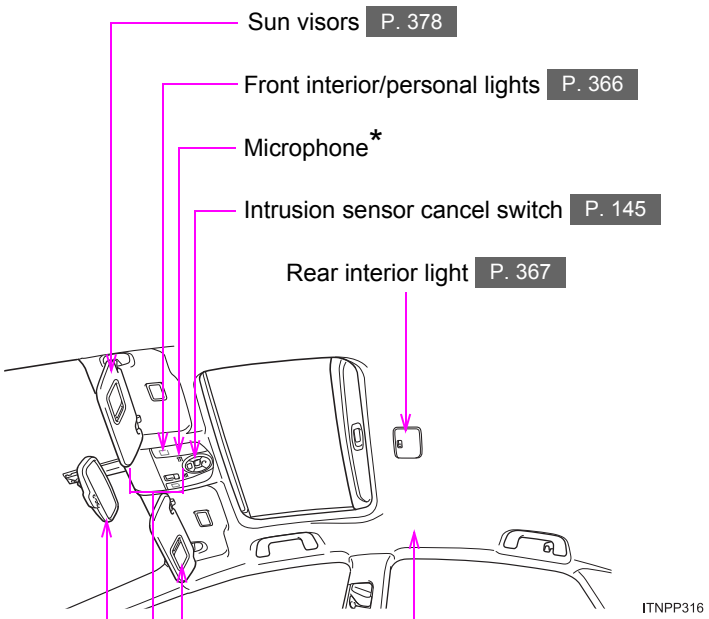
*: Refer to “Navigation System Owner’s Manual”.

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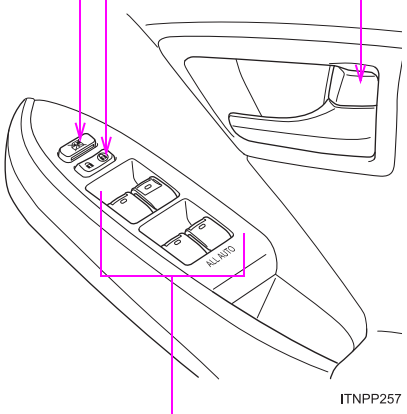


*: If equipped

*: Refer to ""touch screen" Owner's Manual" or "Navigation System Owner's Manual".

Interior
(Right-hand drive vehicles)

B



Window lock switch P. 123

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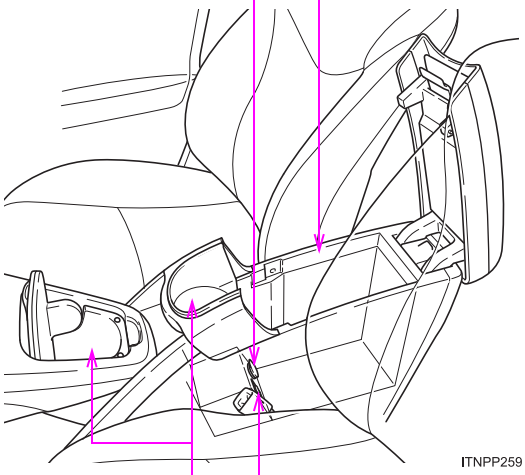
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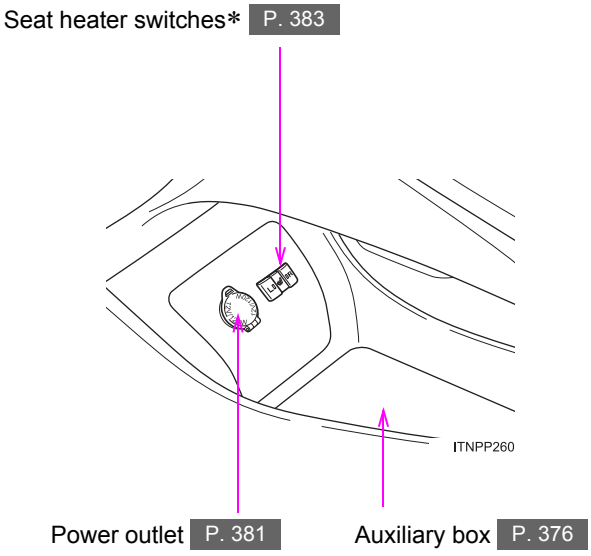


AUX port/USB port*

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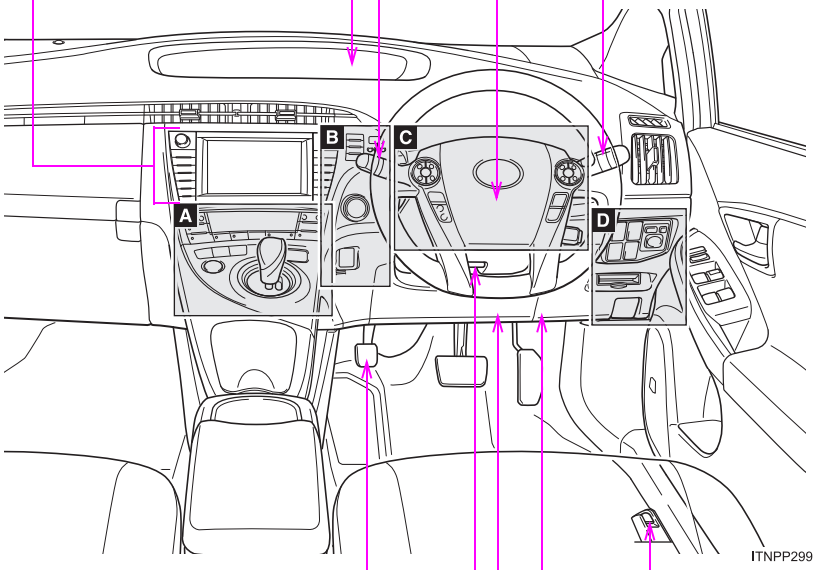
*: Refer to ""touch screen" Owner's Manual" or "Navigation System Owner's Manual".

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Parking brake pedal P. 226

Tilt and telescopic steering control lever P. 118

Pre-crash braking off switch* P. 320

Fuel filler door opener P. 132

SRS knee airbag P. 153

*: If equipped

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

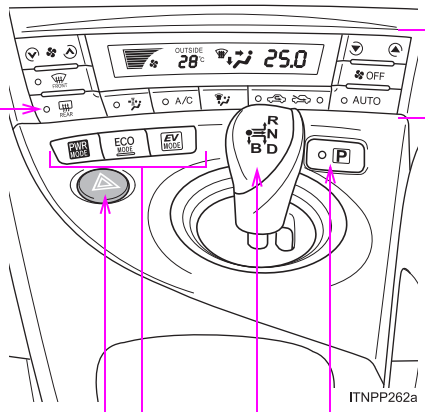
*2: Refer to “Navigation System Owner’s Manual”.

*3: Refer to ““touch screen” Owner’s Manual”.

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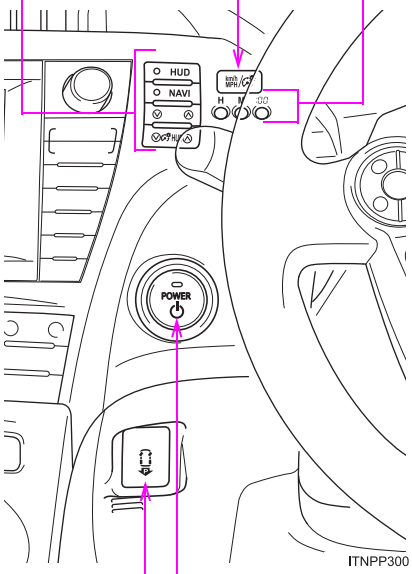
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IPA pre-support switch*

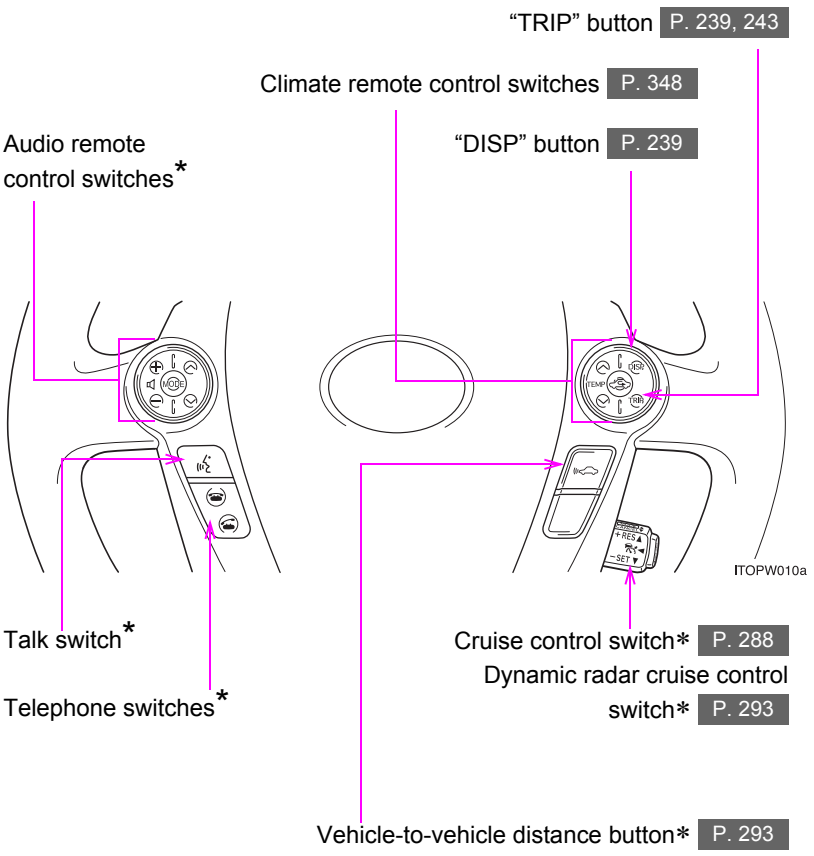
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*: If equipped

*: Refer to “Navigation System Owner’s Manual”.

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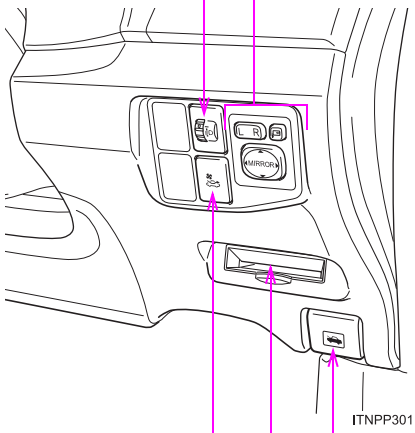
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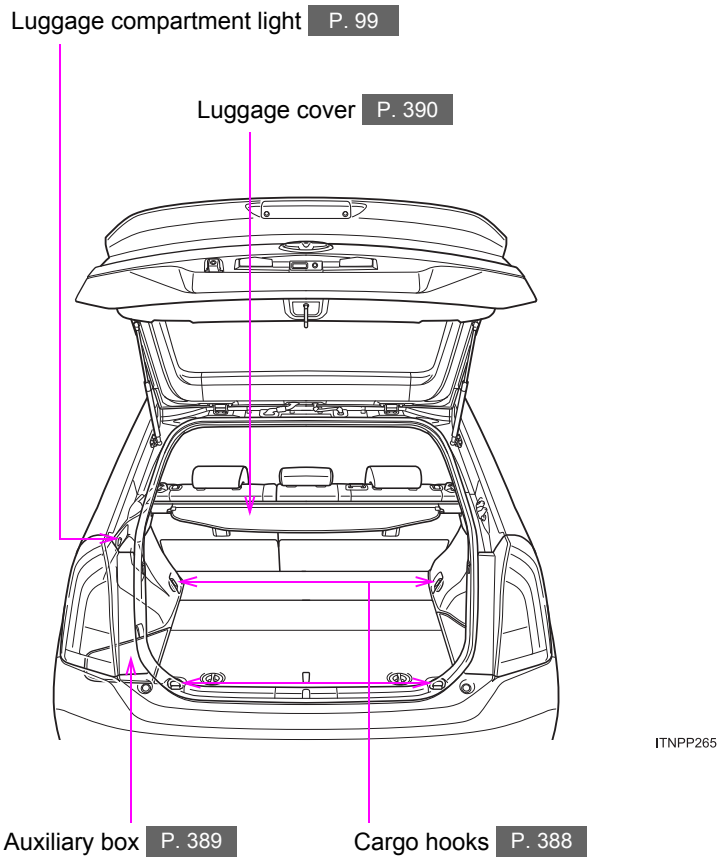


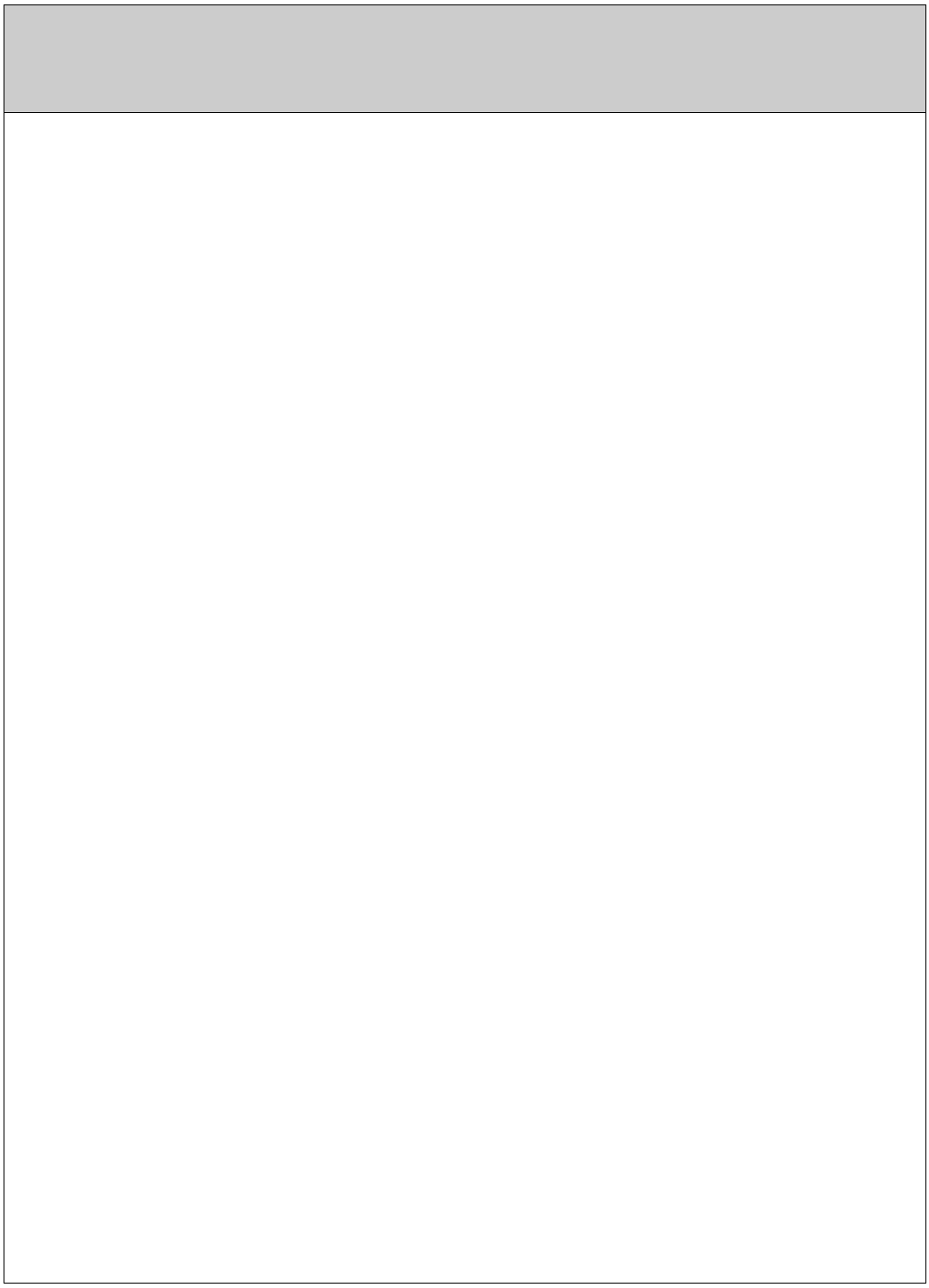
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For your information

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 Toyota policy of continual product improvement, we reserve the right to make changes at any time without notice.

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

Accessories, spare parts and modification of your Toyota

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

Installation of an RF-transmitter system

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

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

Be sure to check with any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for precautionary measures or special instructions regarding installation of an RF-transmitter system.

Further information regarding frequency bands, power levels, antenna positions and installation provisions for the installation of RF-transmitters, is available on request at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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

Unwanted noise may occur in the reception of the RF-transmitter.

Scrapping of your Toyota

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

⚠ CAUTION

■ General precautions while driving

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

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

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

■ General precaution regarding children's safety

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

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

■ Disposal of the hybrid battery (traction battery)

If your vehicle is disposed of without the hybrid battery (traction battery) having been removed, there is a danger of serious electric shock if high voltage parts, cables and their connectors are touched. In the event that your vehicle must be disposed of, the hybrid battery (traction battery) must be disposed of by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional or a qualified service shop. If the hybrid battery (traction battery) is not disposed of properly, it may cause electric shock that can result in death or serious injury.



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

Symbols used throughout this manual

Cautions & Notices

⚠ CAUTION

This is a warning against something which, if ignored, may cause death or serious injury to people. You are informed about what you must or must not do in order to reduce the risk of death or serious injury to yourself and others.

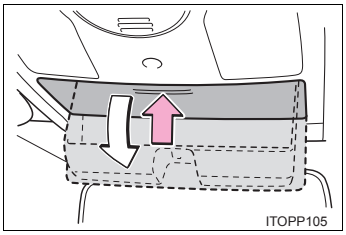
⚠ NOTICE

This is a warning against something which, if ignored, may cause damage to the vehicle or its equipment. You are informed about what you must or must not do in order to avoid or reduce the risk of damage to your Toyota and its equipment.

Symbols used in illustrations

Safety symbol

The symbol of a circle with a slash through it means “Do not”, “Do not do this”, or “Do not let this happen”.



Arrows indicating operations

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

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

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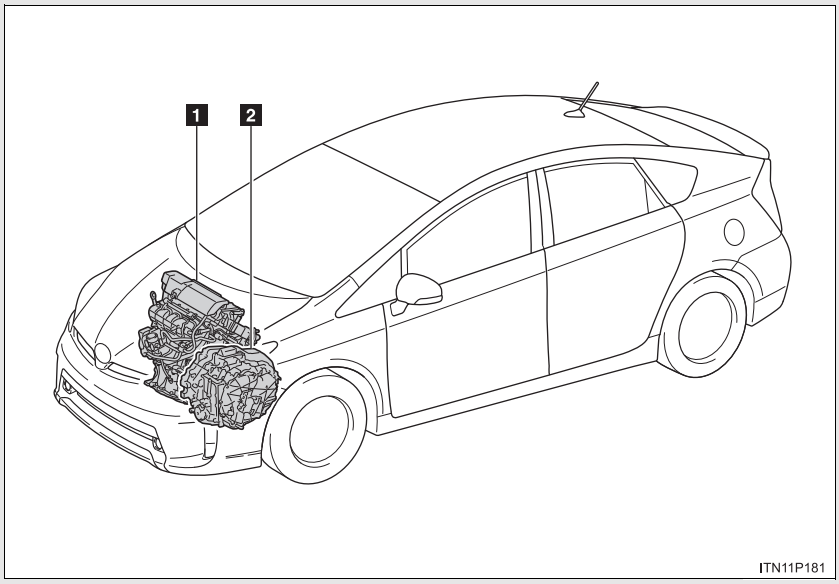
1-8. Safety information

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Hybrid system features

Your vehicle is a hybrid vehicle. It has characteristics different from conventional vehicles. Be sure you are closely familiar with the characteristics of your vehicle, and operate with care.

The hybrid system combines the use of a gasoline engine and an electric motor (traction motor) according to driving conditions, improving fuel efficiency and reducing exhaust emissions.



1 Gasoline engine

2 Electric motor (traction motor)

■ **When stopped/during start off**

The gasoline engine stops* when the vehicle is stopped. During start off, the electric motor (traction motor) drives the vehicle. At slow speeds or when traveling down a gentle slope, the engine is stopped* and the electric motor (traction motor) is used.

When shift position is in N, the hybrid battery (traction battery) will not be charged. Thus, shift to P when the vehicle is stopped. In addition, when driving in heavy traffic, use D or B.

*: However, when the hybrid battery (traction battery) need to be charged or while the engine is being warmed up, the gasoline engine may not stop automatically. (→P. 40)

■ **During normal driving**

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

■ **When accelerating sharply**

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

■ **When braking (regenerative braking)**

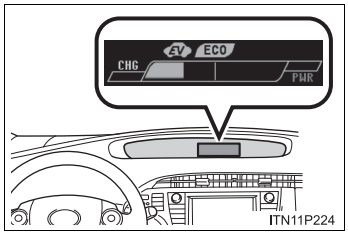
The electric motor (traction motor) charges the hybrid battery (traction battery).

■ **Regenerative braking**

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

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

■ **Hybrid System Indicator**



Hybrid System Indicator represents the hybrid system power output and regenerative charging. (→P. 239)

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

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

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

*: Depending on the circumstances, the gasoline engine may also not stop automatically in situations other than those above.

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

- As the gasoline engine charges the hybrid battery (traction battery), the battery does not need to be charged from an outside source. However, if the vehicle is left parked for a long time the hybrid battery (traction battery) will slowly discharge. For this reason, be sure to drive the vehicle at least once every few months for at least 30 minutes or 16 km (10 miles). If the hybrid battery (traction battery) becomes fully discharged and you are unable to jump-start the vehicle with the 12-volt battery, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- If the shift position is in N, the hybrid battery (traction battery) will not be charged. Always shift the shift position in P when the vehicle is stopped. When driving in heavy traffic, operate the vehicle with the shift position in D or B to avoid discharging the hybrid battery (traction battery).

■ **Charging the 12-volt battery**

→P. 556

■ **After the 12-volt battery has discharged or has been changed or removed**

The gasoline engine may not stop even if the vehicle is running on the hybrid battery (traction battery). If this continues for a few days, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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

There may be no engine sounds or vibration even though the vehicle is able to move. For safety, apply the parking brake and make sure to shift the shift position to P when parked.

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

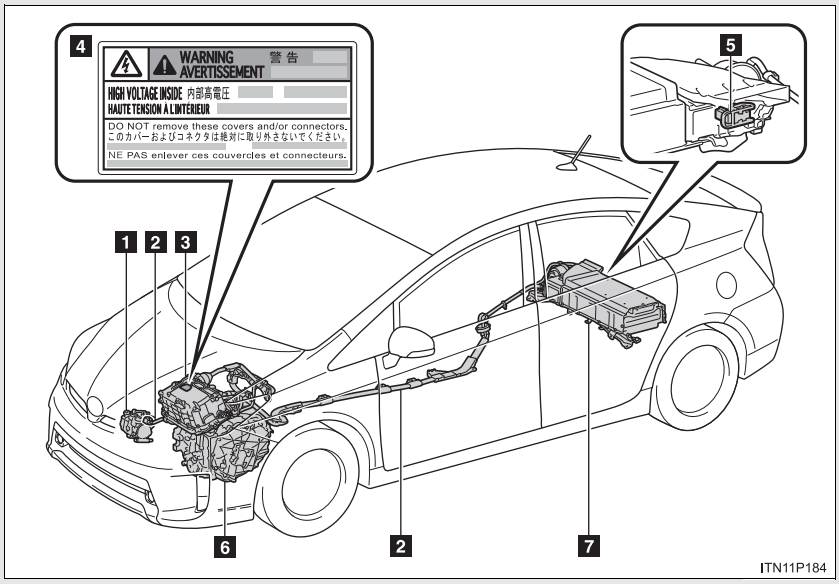
- The brake system operation sound heard from the front of the vehicle when the driver's door is opened.
- Motor sounds may be heard from the engine compartment.
- Sounds may be heard from the hybrid battery (traction battery) when the hybrid system starts or stops.
- Sounds may be heard from the transmission when the gasoline engine starts or stops, when driving at low speeds, or during idling.
- Engine sounds may be heard when accelerating sharply.
- Sounds may be heard due to regenerative braking when the brake pedal is depressed and accelerator is loosened.
- Other sounds, such as motors and mechanical noises, may be heard from the brake system when the brake pedal is depressed.
- Vibration may be felt when the gasoline engine starts or stops.
- Cooling fan sounds may be heard from the air intake vent. (→P. 44)
- The operation sound of the air conditioning system (air conditioning compressor, blower motor).

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

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

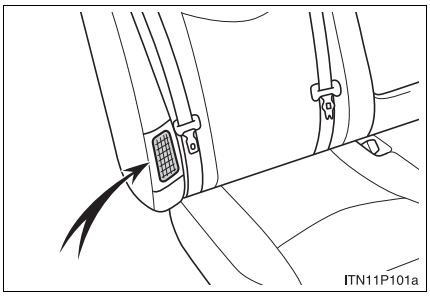
Hybrid system precautions

Take care when handling the hybrid system, as it contains a high voltage system (about 650V at maximum) as well as parts that become extremely hot when the hybrid system is operating. Obey the caution labels attached to the vehicle.



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

Hybrid battery (traction battery) air vent



There is an air intake vent on the right side of the rear seatback for the purpose of cooling the hybrid battery (traction battery). If the vent becomes blocked, the hybrid battery (traction battery) may overheat, leading to a reduction in hybrid battery (traction battery) output.

Emergency shut off system

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

Hybrid warning message

A message is automatically displayed when a malfunction occurs in the hybrid system or an improper operation is attempted.



If a warning message is shown on the multi-information display, read the message and follow the instructions. (→P. 493)

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

The hybrid system may not start. In that case, try to start the system again. If the “READY” indicator does not come on, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Running out of fuel**

When the vehicle has run out of fuel and the hybrid system cannot be started, refuel the vehicle with at least enough gasoline to make the low fuel level warning light (→P. 490) go off. If there is only a small amount of fuel, the hybrid system may not be able to start. (The minimum amount of fuel to add to make the low fuel level warning light go out is about 7.1 L [1.9 gal., 1.6 Imp.gal.], when the vehicle is on a level surface. This value may vary when the vehicle is on a slope.)

■ **Electromagnetic waves**

- High voltage parts and cables on the hybrid vehicles incorporate electromagnetic shielding, and therefore emit approximately the same amount of electromagnetic waves as conventional gasoline powered vehicles or home electronic appliances.
- Your vehicle may cause sound interference in some third party-produced radio parts.

■ **Hybrid battery (traction battery)**

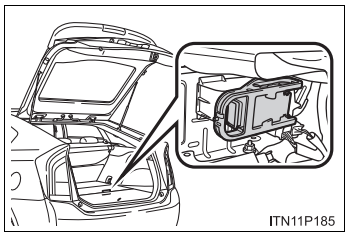
The hybrid battery (traction battery) has a limited service life. The lifespan of the hybrid battery (traction battery) can change in accordance with driving style and driving conditions.

CAUTION

High voltage precautions

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

- Never touch, disassemble, remove or replace the high voltage parts, cables or their connectors.
- The hybrid system will become hot after starting as the system uses high voltage. Be careful of both the high voltage and the high temperature, and always obey the caution labels attached to the vehicle.



- Never try to open the service plug access hole located in the luggage compartment. The service plug is used only when the vehicle is serviced and is subject to high voltage.

CAUTION

Road accident cautions

If your vehicle is involved in an accident, observe the following precautions to reduce the risk of death or serious injury:

- Stop the vehicle in a safe place to prevent subsequent accidents.
  While depressing the brake pedal, apply the parking brake, shift the shift position to P and turn the hybrid system off. Then, slowly release the brake pedal.
- Do not touch the high voltage parts, cables and connectors.
- If electric wires are exposed inside or outside your vehicle, an electric shock may occur. Never touch exposed electric wires.
- If a fluid leak occurs, do not touch the fluid as it may be strong alkaline electrolyte from the hybrid battery (traction battery). If it comes into contact with your skin or eyes, wash it off immediately with a large amount of water or, if possible, boric acid solution. Seek immediate medical attention.
- If a fire occurs in the hybrid vehicle, leave the vehicle as soon as possible. Never use a fire extinguisher that is not meant for electric fires. Using even a small amount of water may be dangerous.
- If your vehicle needs to be towed, do so with front wheels raised. If the wheels connected to the electric motor (traction motor) are on the ground when towing, the motor may continue to generate electricity. This may cause an electricity leakage leading to a fire. (→P. 477)
- Carefully inspect the ground under the vehicle. If you find that liquid has leaked onto the ground, the fuel system may have been damaged. Leave the vehicle as soon as possible.

⚠ CAUTION

■ Hybrid battery (traction battery)

Your vehicle contains a sealed nickel-metal hydride battery. If disposed of improperly, it is hazardous to the environment and there is a risk of severe burns and electrical shock that may result in death or serious injury.

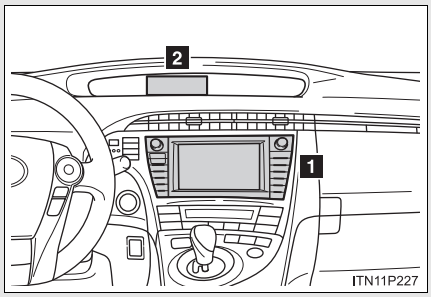
⚠ NOTICE

■ Hybrid battery (traction battery) air vent

- Do not put foreign objects near the air vent. The hybrid battery (traction battery) may overheat and be damaged.
- Clean the air vent regularly to prevent the hybrid battery (traction battery) from overheating.
- Do not wet or allow foreign substances to enter the air vent as this may cause a short circuit and damage the hybrid battery (traction battery).
- Do not carry large amounts of water such as water cooler bottles in the vehicle. If water spills onto the hybrid battery (traction battery), the battery may be damaged. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- If the rear seat belt becomes separated from the guide (→P. 107), it could obstruct the hybrid battery (traction battery) air vent. Set the rear seat belt into the guide to use.

Energy monitor/consumption screen

You can view the status of your hybrid system on the “touch screen” screen, the navigation system screen or the multi-information display.

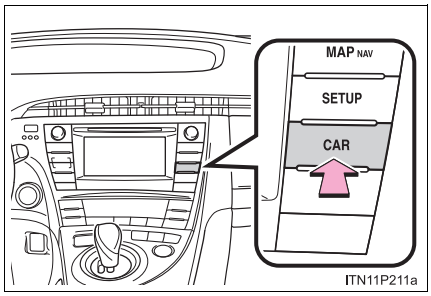


1 “touch screen” screen or navigation system screen
2 Multi-information display

Energy monitor

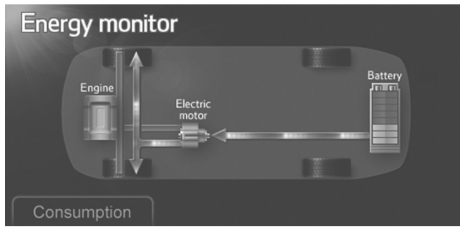
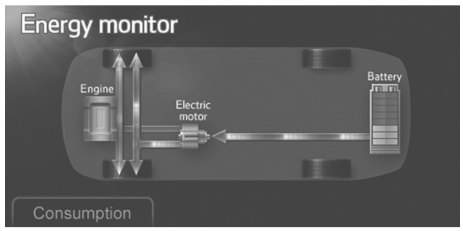
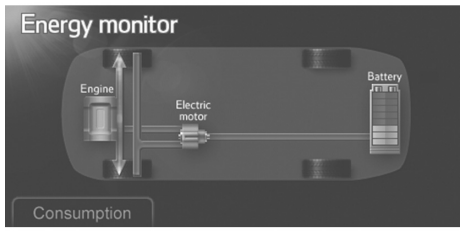
Displays the flow of energy as it changes in accordance with driving conditions.

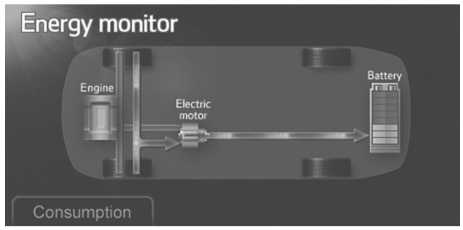
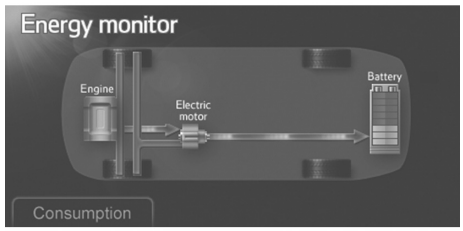
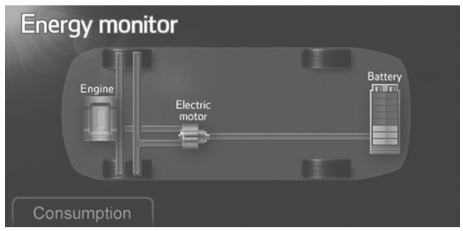
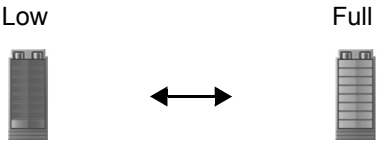
“touch screen”



Press “CAR”.

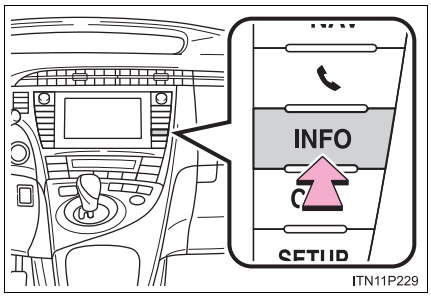
If the “Consumption” screen is displayed, touch “Energy”.

Condition	Display
When the vehicle is powered by the electric motor (traction motor)	
When the vehicle is powered by both the gasoline engine and the electric motor (traction motor)	
When the vehicle is powered by the gasoline engine	

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

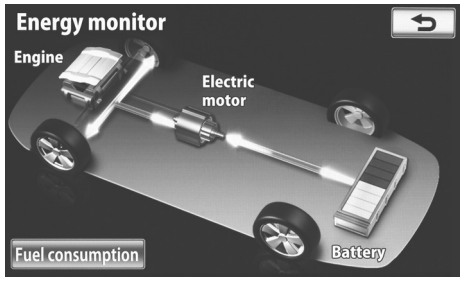
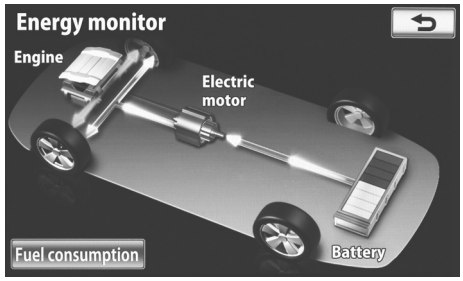
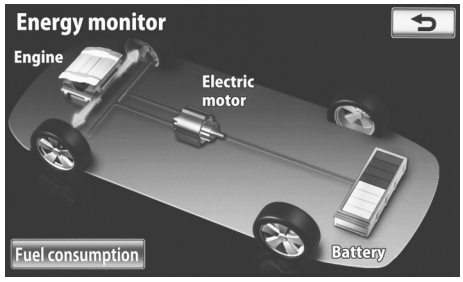
These images are examples only, and may vary slightly from actual conditions.

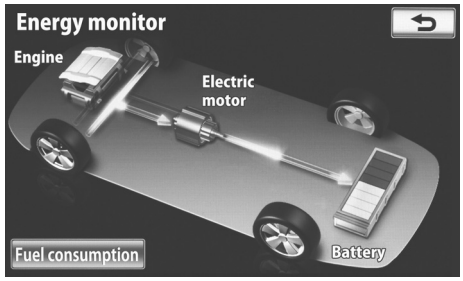
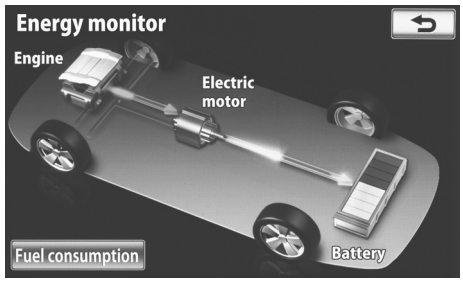
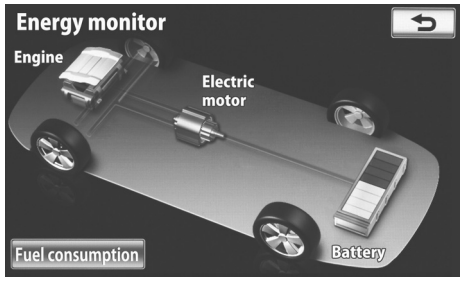
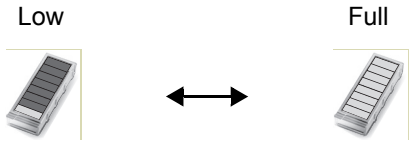
Navigation system



Press “INFO”.

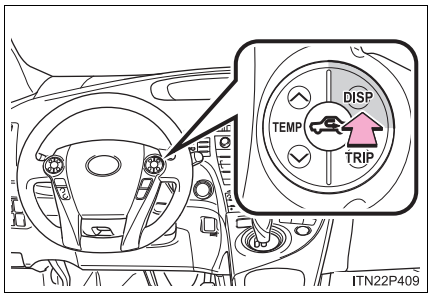
If the “Consumption” screen is displayed, touch “Energy”.

Condition	Display
When the vehicle is powered by the electric motor (traction motor)	
When the vehicle is powered by both the gasoline engine and the electric motor (traction motor)	
When the vehicle is powered by the gasoline engine	

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

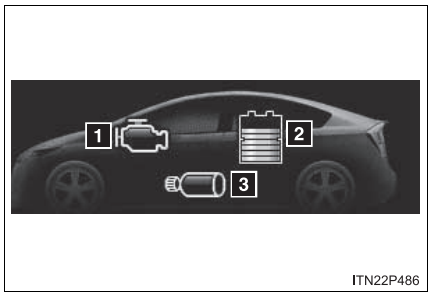
These images are examples only, and may vary slightly from actual conditions.

Multi-information display

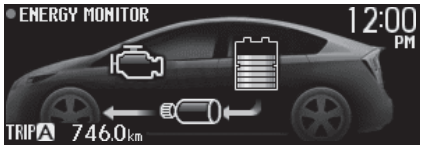
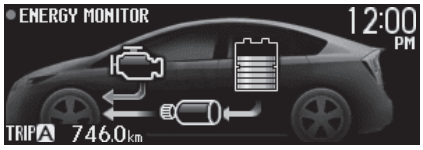


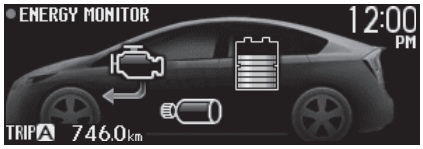
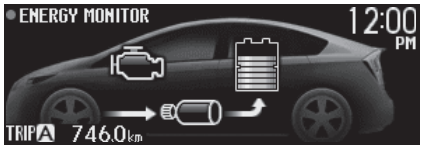
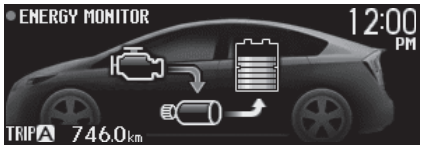
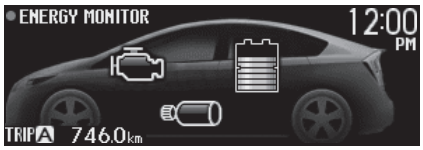
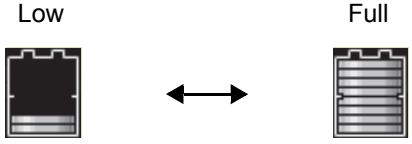
Press the “DISP” button to display the energy monitor.

■ Names and meaning of each icons



1 Gasoline engine
2 Hybrid battery (traction battery)
3 Electric motor (traction motor)

Condition	Display
When the vehicle is powered by the electric motor (traction motor)	
When the vehicle is powered by both the gasoline engine and the electric motor (traction motor)	

Condition	Display
When the vehicle is powered by the gasoline engine	
When the vehicle is charging the hybrid battery (traction battery)	 
When there is no energy flow	
Hybrid battery (traction battery) status	

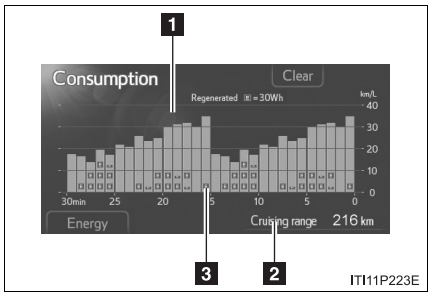
These images are examples only, and may vary slightly from actual conditions.

Trip information screen

“touch screen”

Press “CAR”.

If the “Energy monitor” screen is displayed, touch “Consumption”.



1 Fuel consumption in the past 30 minutes

2 Cruising range (→P. 64)

3 Regenerated energy in the past 30 minutes

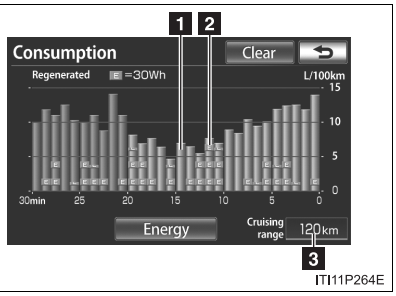
One symbol indicates 30 Wh. Up to 4 symbols are shown.

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

Navigation system

Press “INFO”.

If the “Energy monitor” screen is displayed, touch “Fuel consumption”.



1 Fuel consumption in the past 30 minutes

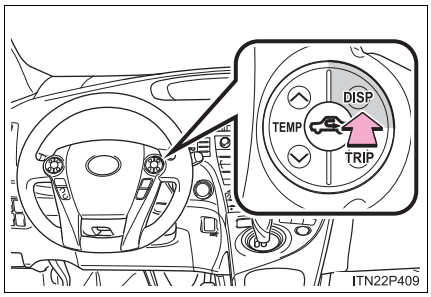
2 Regenerated energy in the past 30 minutes

One symbol indicates 30 Wh. Up to 4 symbols are shown.

3 Cruising range (→P. 64)

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

Multi-information display

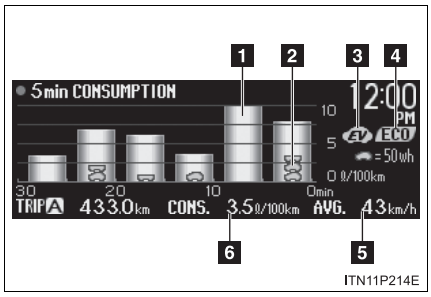


Press the “DISP” button to display the 5-minute or 1-minute fuel consumption display.

Press and hold the “DISP” button to switch the display between 5-minute and 1-minute fuel consumption.

The display will alternate with each press of the button.

▶ 5-minute interval fuel consumption



1 Fuel consumption

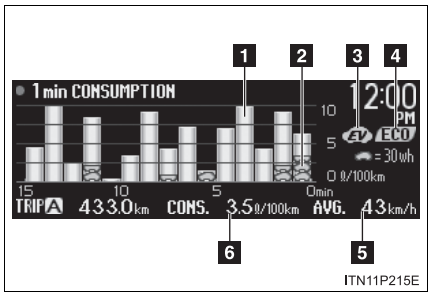
Displays the average fuel consumption for the last 30 minutes in intervals of 5 minutes or the last 15 minutes in intervals of 1 minute.

2 Regenerated energy

Displays the amount of energy generated over the last 30 minutes in intervals of 5 minutes or the last 15 minutes in intervals of 1 minute.

One symbol indicates 50 Wh (5-minute interval display) or 30 Wh (1-minute interval display).
Up to 8 symbols are shown.

▶ 1-minute interval fuel consumption



3 EV indicator*1

4 Eco Driving Indicator Light*1

5 Average speed*2

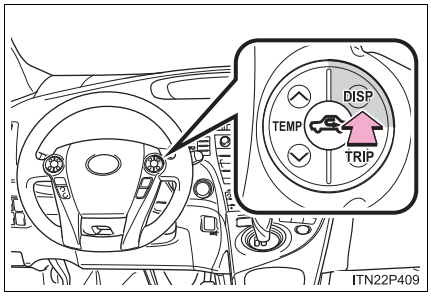
6 Average fuel consumption/eco savings*2

Use the displayed average fuel consumption as a reference.

*1: →P. 240

*2: The current amount since the trip meter was reset will be displayed. These functions can be reset by pressing and holding the “TRIP” button when either the 5-minute or 1-minute interval fuel consumption display is being shown.
The display can be switched between average fuel consumption/average speed and eco savings. (→P. 247)

Monthly fuel consumption record/Eco savings record (multi-information display only)



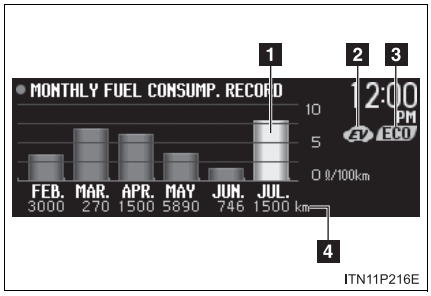
Press the “DISP” button to display the monthly fuel consumption record or eco savings record.

Press and hold the “DISP” button to switch the display between monthly fuel consumption record and eco savings record.

The display will alternate with each press of the button.

▶ Monthly fuel consumption record display

Displays the average fuel consumption for the previous 6 months.



1 Average fuel consumption for the previous 6 months

2 EV indicator*

3 Eco Driving Indicator Light*

4 Driving distance for each month

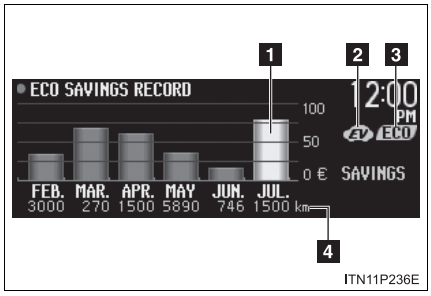
*: →P. 240

▶ Eco savings record display

By setting the comparison consumption and the gasoline value beforehand (→P. 246), the difference is calculated when the actual consumption is less than the comparison consumption, and the amount of money saved is displayed*1.

If the comparison consumption is set to 0, the consumption cost is displayed*1.

*1: The displayed amount is intended only as a guide and may differ from the actual amount.



1 Savings or consumption costs for the previous 6 months

2 EV indicator*2

3 Eco Driving Indicator Light*2

4 Driving distance for each month

*2: →P. 240

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

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

■ **Resetting the consumption data**

“touch screen”
Selecting “Clear” on the “Consumption” screen will reset the fuel consumption and the regenerated energy for the past 30 minutes.

Selecting “Yes” on the following screen will confirm resetting of all the data.

Navigation system
Selecting “Clear” on the “Consumption” screen will reset the fuel consumption and the regenerated energy for the past 30 minutes.
Selecting “Yes” on the following screen will confirm resetting of all the data.

Multi-information display
If the “POWER” switch is turned OFF, average fuel consumption and regenerated energy data will be reset.

■ **Resetting the monthly fuel consumption/eco savings record**

Press and hold the “TRIP” button while the monthly fuel consumption/eco savings record is displayed.
A confirmation message will be displayed.
Press and hold the “TRIP” button to reset the data.
Press the “DISP” button to cancel the reset operation. The screen will return to the previous display if no buttons are pressed for approximately 10 seconds.

■ **Cruising range**

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

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

■ **Odometer/trip meter/distance to empty**

The odometer/trip meter/distance to empty will not be displayed while the monthly fuel consumption record or the eco savings record is being displayed.

Hybrid vehicle driving tips

For economical and ecological driving, pay attention to the following points:

■ **Using Eco drive mode**

When using Eco drive mode, the torque corresponding to the accelerator pedal depression amount can be generated more smoothly than it is in normal conditions. In addition, the operation of the air conditioning system (heating/cooling) will be minimized, improving the fuel economy. (→P. 218)

■ **Use of Hybrid System Indicator**

Eco-friendly driving is possible by keeping the indicate of Hybrid System Indicator within Eco area. (→P. 239)

■ **When braking the vehicle**

Make sure to operate the brakes gently and in good time. A greater amount of electrical energy can be retained when slowing down.

■ **Delays**

Repeated acceleration and deceleration, as well as long waits at traffic lights, will lead to bad fuel consumption. Check traffic reports before leaving and avoid delays as much as possible. When encountering a delay, gently release the brake pedal to allow the vehicle to move forward slightly while avoiding overuse of the accelerator pedal. Doing so can help control excessive gasoline consumption.

■ **Highway driving**

Control your speed and keep at a constant speed. Also, before stopping at a toll booth or similar, allow plenty of time to release the accelerator and gently apply the brakes. A greater amount of electrical energy can be retained when slowing down.

■ **Air conditioning on/off**

Switch the air conditioning () to off when it is not needed. Doing so can help control excessive gasoline consumption.

In summer: In high temperatures, use the recirculated air mode. Doing so will help to reduce the burden on the air conditioner and reduce fuel consumption as well.

In winter: Because the gasoline engine will not automatically cut out until the gasoline engine and the interior of the vehicle are warm, it will consume fuel. Also, fuel consumption can be improved by avoiding overuse of the heater.

■ **Checking tire inflation pressure**

Make sure to check the tire inflation pressure frequently. Improper tire inflation pressure can cause poor fuel consumption.
Also, as snow tires can cause large amounts of friction, their use on dry roads can lead to poor fuel consumption. Use a tire that is appropriate for the season.

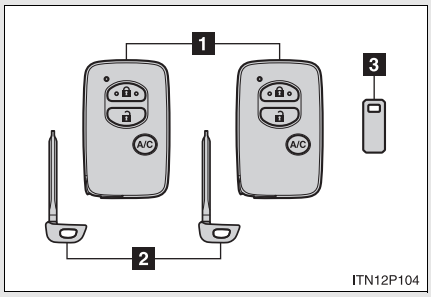
■ **Luggage**

Carrying heavy luggage can lead to poor fuel consumption. Avoid carrying unnecessary luggage. Installing a large roof rack can also cause poor fuel consumption.

■ **Warming up before driving**

Since the gasoline engine starts up and cuts out automatically when cold, warming up the engine is unnecessary. Moreover, frequently driving short distances will cause the engine to repeatedly warm up, which can lead to poor fuel consumption.

The following keys are provided with the vehicle.



1 Electronic keys

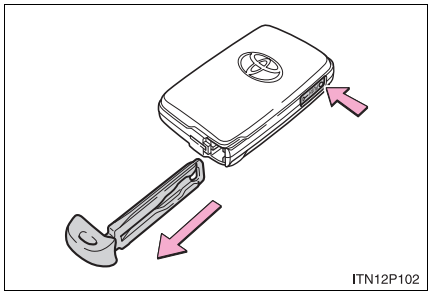
- Operating the smart entry & start system (→P. 71)
- Operating the wireless remote control function (→P. 93)
- Operating the Remote Air Conditioning System* (→P. 353)

2 Mechanical keys

3 Key number plate

*: If equipped

Using the mechanical key



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

After using the mechanical key, store it in the electronic key. Carry the mechanical key together with the electronic key. If the electronic key battery is depleted or the entry function does not operate properly, you will need the mechanical key. (→P. 550)

■ **Key number plate**

Keep the plate in a safe place such as your wallet, not in the vehicle. In the event that a mechanical key is lost, a new key can be made at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional using the key number plate. (→P. 549)

■ **When riding in an aircraft**

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

NOTICE

To prevent key damage

Observe the following:

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

Carrying the electronic key on your person

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

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

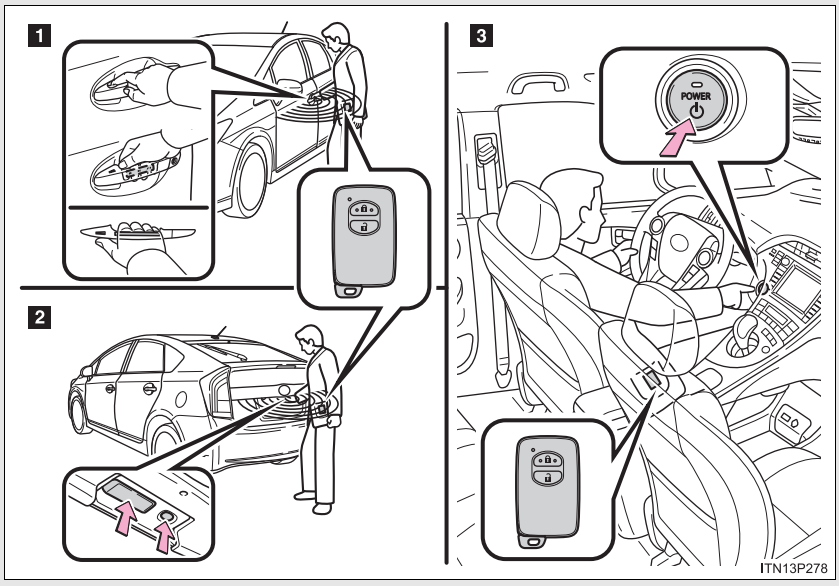
Take your vehicle with all the electronic keys provided with your vehicle to any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

When a vehicle key is lost

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

Smart entry & start system

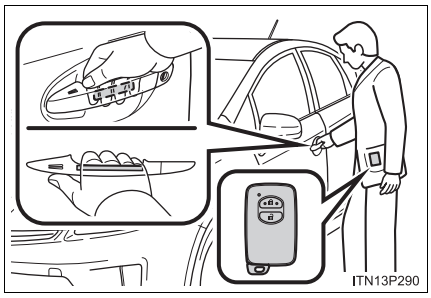
The following operations can be performed simply by carrying the electronic key on your person, for example in your pocket.
(The driver should always carry the electronic key.)



1 Unlocks and locks the side doors (→P. 72)
2 Unlocks and locks the back door (→P. 73)
3 Starts and stops the hybrid system (→P. 206)

Unlocking and locking the doors

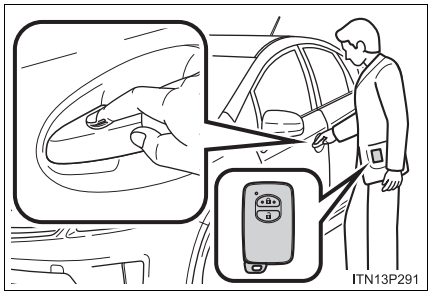
Front door handles (including front passenger door handle if equipped with entry function)



Grip the handle to unlock the doors.

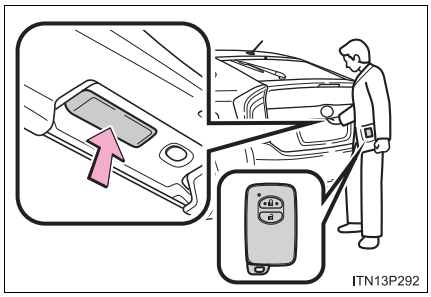
Make sure to touch the sensor on the back of the handle.

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



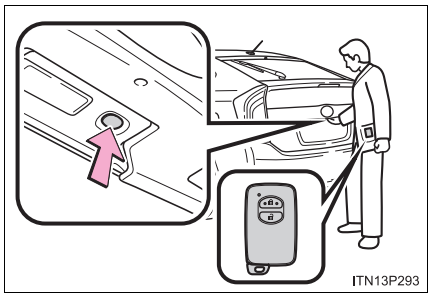
Touch the lock sensor (the indentation on the upper part of the door handle) to lock the doors.

Back door (vehicles with entry function of front and back doors)



Press the unlock button to unlock all the doors.

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

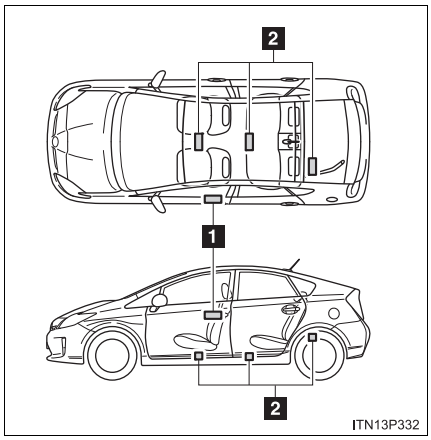


Press the lock button to lock all the doors.

Antenna location and effective range

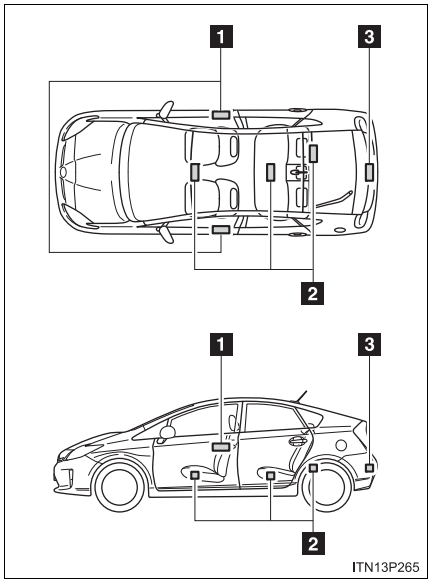
■ Antenna location

Vehicles with entry function of driver's door



1 Antennas outside cabin
2 Antennas inside cabin

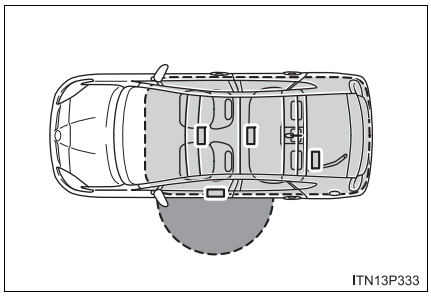
Vehicles with entry function of front and back doors



1 Antennas outside the cabin
2 Antennas inside the cabin
3 Antenna outside the luggage compartment

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

Vehicles with entry function of driver's door



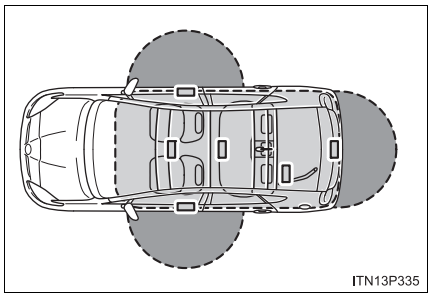
- When locking or unlocking the door

  The system can be operated when the electronic key is within about 0.7 m (2.3 ft.) of driver's door handle.

- When starting the hybrid system or changing "POWER" switch modes

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

Vehicles with entry function of front and back doors



When locking or unlocking the doors

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

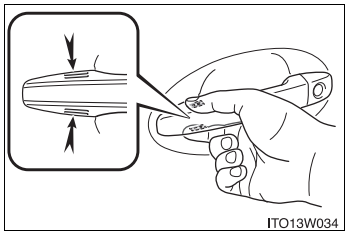
When starting the hybrid system or changing “POWER” switch modes

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

■ **Operation signals**

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

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



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

Alarms and warning lights

A combination of exterior and interior alarms as well as warning lights are used to prevent theft of the vehicle and accidents resulting from erroneous operation. Take appropriate measures in response to any warning message shown on the multi-information display. (→P. 493)

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

Alarm	Situation	Correction procedure
Interior alarm pings once and exterior alarm sounds once for 5 seconds*1	An attempt was made to lock the doors using the entry function while the electronic key was still inside the passenger compartment	Retrieve the electronic key from the passenger compartment and lock the doors again
	An attempt was made to exit the vehicle and lock the doors without first turning the “POWER” switch off	Turn the “POWER” switch off and lock the doors again
Exterior alarm sounds once for 5 seconds	An attempt was made to lock the vehicle while a door is open	Close all of the doors and lock the doors again

Alarm	Situation	Correction procedure
Interior alarm pings continuously*1	The “POWER” switch was turned to ACCESSORY mode while the driver’s door was open (or the driver’s door was opened while the “POWER” switch was in ACCESSORY mode)	Turn the “POWER” switch off and close the driver’s door
Interior alarm sounds continuously*1	When the “POWER” switch is in ON mode or ACCESSORY mode, an attempt was made to open the door and exit the vehicle, and the shift position was not in P	Shift the shift position to P and turn the “POWER” switch off
Interior and exterior alarms sound continuously*1	When the “POWER” switch is in ON mode or ACCESSORY mode, the driver’s door was closed after the key was carried outside the vehicle, and the shift position not in P	Shift the shift position to P, turn the “POWER” switch off and close the driver’s door again

Alarm	Situation	Correction procedure
Interior alarm pings once*1	The electronic key has a low battery	Replace the electronic key battery
	An attempt was made to start the hybrid system without the electronic key being present, or the electronic key was not functioning normally	Start the hybrid system with the electronic key present*2
Interior alarm pings once and exterior alarm sounds 3 times*1	The driver's door was closed after the key was carried outside the vehicle, and the "POWER" switch was not turned OFF	Turn the "POWER" switch off and close the driver's door again
	An occupant carried the electronic key outside the vehicle and closed the door while the "POWER" switch was not OFF	Bring the electronic key back into the vehicle

*1: A message will be shown on the multi-information display in the instrument cluster.

*2: If the hybrid system does not start when the electronic key is inside the vehicle, the electronic key battery may be depleted or there may be difficulties receiving signal from the key. (→P. 550)

■ **Security feature**

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

■ **Battery-saving function**

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

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

Conditions affecting operation

The smart entry & start system, wireless remote control and immobilizer system use weak radio waves. In the following situations, the communication between the electronic key and the vehicle may be affected, preventing the smart entry & start system, wireless remote control and immobilizer system from operating properly. (Ways of coping: →P. 550)

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

Note for the entry function

- Even when the electronic key is within the effective range (detection areas), the system may not operate properly in the following cases:
  - The electronic key is too close to the window or outside door handle, near the ground, or in a high place when the doors are locked or unlocked.
  - The electronic key is on the instrument panel, luggage cover, floor, or in the door pockets or glove box when the hybrid system is started or “POWER” switch modes are changed.
- Do not leave the electronic key on top of the instrument panel or near the door pockets when exiting the vehicle. Depending on the radio wave reception conditions, it may be detected by the antenna outside the cabin and the door will become lockable from the outside, possibly trapping the electronic key inside the vehicle.
- As long as the electronic key is within the effective range, the doors may be locked or unlocked by anyone.
- Even if the electronic key is not inside the vehicle, it may be possible to start the hybrid system if the electronic key is near the window.
- The doors may unlock if a large amount of water splashes on the door handle, such as in the rain or in a car wash when the electronic key is within the effective range. (The door will automatically be locked after approximately 30 seconds if the doors are not opened and closed.)
- If the wireless remote control is used to lock the doors when the electronic key is near the vehicle, there is a possibility that the door may not be unlocked by the entry function. (Use the wireless remote control to unlock the doors.)

Note for locking the doors

- Touching the door lock sensor while wearing gloves may delay or prevent lock operation. Remove the gloves and touch the lock sensor again.
- When the lock operation is performed using the lock sensor, recognition signals will be shown up to two consecutive times. After this, no recognition signals will be given.
- If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. Place the key in a position 2 m (6 ft.) or more separate from the vehicle while the vehicle is being washed. (Take care to ensure that the key is not stolen.)
- If the electronic key is inside the vehicle and a door handle becomes wet during a car wash, a buzzer will sound outside the vehicle. To turn off the alarm, lock all the doors.
- The lock sensor may not work properly if it comes into contact with ice, snow, mud, etc. Clean the lock sensor and attempt to operate it again, or use the lock sensor on the lower part of the door handle.
- Fingernails may scrape against the door during operation of the door handle. Be careful not to injure fingernails or damage the surface of the door.

■ **Note for the unlocking function**

- A sudden approach to the effective range or door handle may prevent the doors from being unlocked. In this case, return the door handle to the original position and check that the doors unlock before pulling the door handle again.
- Gripping the door handle when wearing a glove may not unlock the door. Remove the gloves and touch the sensor on the back of the door handle again.
- If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. Place the key in a position 2 m (6 ft.) or more separate from the vehicle while the vehicle is being washed. (Take care to ensure that the key is not stolen.)
- If there is another electronic key in the detection area, it may take slightly longer to unlock the doors after the door handle is gripped.
- Fingernails may scrape against the door during operation of the door handle. Be careful not to injure fingernails or damage the surface of the door.

■ **When the vehicle is not driven for extended periods**

- To prevent theft of the vehicle, do not leave the electronic key within 2 m (6 ft.) of the vehicle.
- The smart entry & start system can be deactivated in advance. (→P. 583)

■ **To operate the system properly**

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

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

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

- Locking and unlocking the doors: Use the mechanical key. (→P. 550)
- Starting the hybrid system: →P. 551

■ **Electronic key battery depletion**

- The standard battery life is 1 to 2 years.
- If the battery becomes low, an alarm will sound in the cabin when the hybrid system stops. (→P. 78)
- As the electronic key always receives radio waves, the battery will become depleted even if the electronic key is not used. The following symptoms indicate that the electronic key battery may be depleted. Replace the battery when necessary. (→P. 445)
  - The smart entry & start system or the wireless remote control does not operate.
  - The detection area becomes smaller.
  - The LED indicator on the key surface does not turn on.
- To avoid serious deterioration, do not leave the electronic key within 1 m (3 ft.) of the following electrical appliances that produce a magnetic field:
  - TVs
  - Personal computers
  - Cellular phones, cordless phones and battery chargers
  - Recharging cellular phones or cordless phones
  - Glass top ranges
  - Table lamps

■ **When the electronic key battery is fully depleted**

→P. 445

■ **Customization**

Settings (e.g. smart entry & start system) can be changed.
(Customizable features →P. 583)

■ Certification for the smart entry & start system

TOYOTA

TOYOTA MOTOR CORPORATION

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or 471-8572(Research & Development Group) JAPAN
TEL:+81-565-28-2121

R&TTE Declaration of Conformity

We,

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

hereby declare under our sole responsibility that the product:

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

-Health & safety requirements:	EN60950-1
-EMC requirements	EN 301 489-01 & EN 301 489-03
-Effective uses of radio spectrum:	EN 300 330-2

Supplementary information:

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

Date: May 22, 2008

Signature: Takeaki Enomoto

Takaaki Enomoto

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

Käesolevaga kinnitab Toyota Motor Corporation seadme TMLF8-2 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Toyota Motor Corporation nyilatkozom, hogy a TMLF8-2 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Toyota Motor Corporation týmto vyhlasuje, že TMLF8-2 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Toyota Motor Corporation tímto prohlašuje, že tento TMLF8-2 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Toyota Motor Corporation izjavlja, da je ta TMLF8-2 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Toyota Motor Corporation deklaruoja, kad šis TMLF8-2 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Toyota Motor Corporation deklarē, ka TMLF8-2 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Toyota Motor Corporation oświadcza, że TMLF8-2 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Toyota Motor Corporation yfir því að TMLF8-2 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Toyota Motor Corporation erklærer herved at utstyret TMLF8-2 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Ovim, Toyota Motor Corporation, izjavljuje da ovaj TMLF8-2 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.

Hereby, Tokai Rika Co., Ltd., declares that this B74EA is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Ovim, Tokai Rika Co., Ltd., izjavljuje da ovaj B74EA je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.

TOKAI RIKA

R&TTE Declaration of Conformity

We,

Manufacturer's Name: Tokai Rika Co., Ltd.
Manufacturer's Address: 260, Toyota 3-chome, Oguchi-cho, Niwa-gun, Aichi-ken, 480-0195, Japan

hereby declare under our sole responsibility that the product:

Product Name: Electronic Key
Product Model: B74EA

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

Safety: EN60950-1
EMC: EN301 489-1 & -3
Spectrum: EN300 220-2, EN300 330-2

Supplementary information:

* CE mark	CE
* Member states intended for use	EU and EFTA
* Member states with restrictive use	None

Date: 8 January 2008

Signature:

Position of the signatory: Tadashi Wakiya
General Manager,
Electronics Engineering Div.

Hereby, Tokai Rika Co., Ltd., declares that this B72UA is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Ovim, Tokai Rika Co., Ltd., izjavljuje da ovaj B72UA je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.

TOKAI RIKA

R&TTE Declaration of Conformity

We,

Manufacturer's Name: Tokai Rika Co., Ltd.
Manufacturer's Address: 260, Toyota 3-chome, Oguchi-cho, Niwa-gun, Aichi-ken, 480-0195, Japan

hereby declare under our sole responsibility that the product:

Product Name: Tuner
Product Model: B72UA

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

Safety: EN60950-1
EMC: EN301 489-1 & -3
Spectrum: EN300 220-2

Supplementary information:

* CE mark	CE
* Member states intended for use	EU and EFTA
* Member states with restrictive use	None

Date: 8 January 2008

Signature:

Position of the signatory: Tadashi Wakiya
General Manager,
Electronics Engineering Div.

CAUTION

■ Caution regarding interference with electronic devices

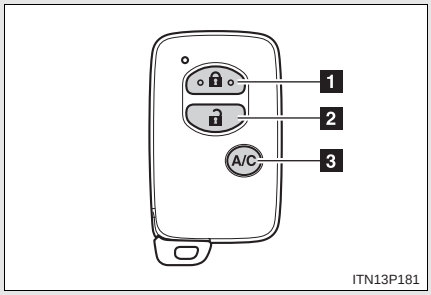
- People with implanted pacemakers or cardiac defibrillators should maintain a reasonable distance between themselves and the smart entry & start system antennas. (→P. 74)
  The radio waves may affect the operation of such devices. If necessary, the entry function can be disabled. Ask any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for details, such as the frequency of radio waves and timing of emitting the radio waves. Then, consult your doctor to see if you should disable the entry function.
- Users of any electrical medical device other than implanted pacemakers and implanted cardiac defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves.
  Radio waves could have unexpected effects on the operation of such medical devices.

Ask any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for details on disabling the entry function.

On vehicles with the “touch screen” or the navigation system, the entry function can be disabled personally. (→P. 583)

Wireless remote control

The wireless remote control can be used to lock and unlock the vehicle.



1 Locks all the doors

2 Unlocks all the doors.

3 Operates Remote Air Conditioning System* (→P. 353)

*: If equipped

■ **Operation signals**

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

■ **Door lock buzzer**

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

■ **Security feature**

→P. 81

■ **Alarm (if equipped)**

Using the wireless remote control to lock the doors will set the alarm system.

■ **Conditions affecting operation**

→P. 82

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

Locking and unlocking the doors: Use the mechanical key. (→P. 550)

■ **Electronic key battery depletion**

→P. 86

■ **When the electronic key battery is fully depleted**

→P. 445

■ **Customization**

Settings (e.g. door unlocking function) can be changed.
(Customizable features →P. 583)

Side doors

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

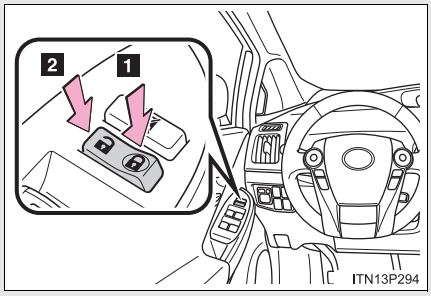
Entry function

→P. 71

Wireless remote control

→P. 93

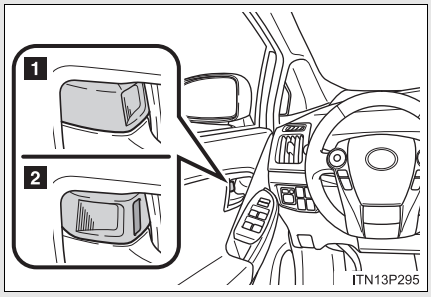
Door lock switch



1 Locks all the doors

2 Unlocks all the doors

Inside lock buttons



1 Locks the door

2 Unlocks the door

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

Locking the front doors from the outside without a key

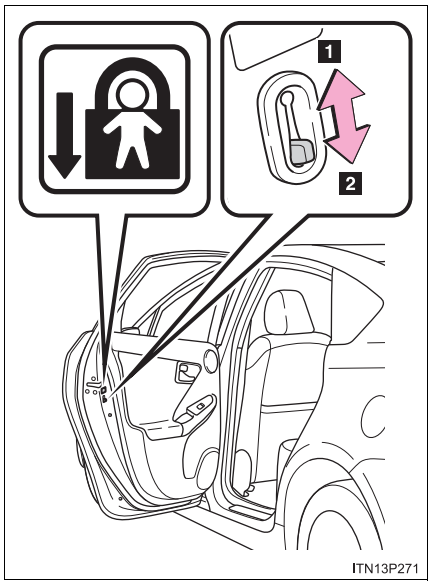
STEP 1 Move the inside lock button to the lock position.

STEP 2 Close the door while pulling the door handle.

The door cannot be locked if the “POWER” switch is in ACCESSORY or ON mode, or the electronic key is left inside the vehicle.

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

Rear door child-protector lock



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

1 Unlock

2 Lock

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

Using the mechanical key

The doors can also be locked and unlocked with the mechanical key. (→P. 550)

If a wrong key is used

The key cylinder rotates freely to isolate inside mechanism.

Customization

Settings (e.g. unlocking function using a key) can be changed. (Customizable features →P. 583)

CAUTION

To prevent an accident

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

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

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

When opening or closing a door

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

Back door

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

■ Locking and unlocking the back door

Entry function

→P. 71

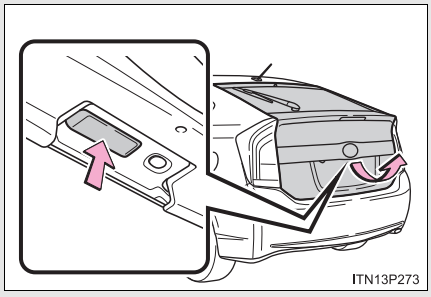
Wireless remote control

→P. 93

Door lock switch

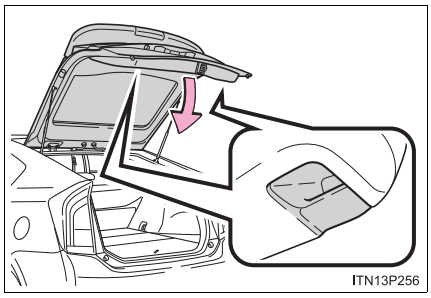
→P. 95

■ Opening the back door from outside the vehicle



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

When closing the back door

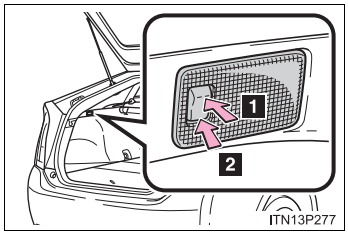


Lower the back door using the back door handle, and make sure to push the back door down from the outside to close it.

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

■ **Luggage compartment light**

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



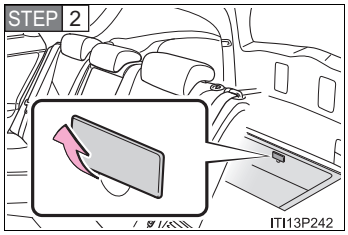
1 On

2 Off

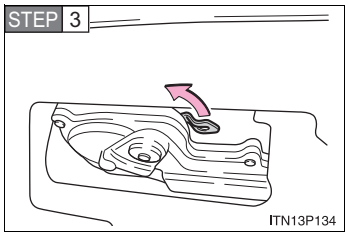
■ **If the back door opener is inoperative**

The back door can be unlocked from the inside.

STEP 1 Open the center deck board. (→P. 388)



Remove the cover.



Move the lever.

CAUTION

■ 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, sudden swerving or a collision, they are susceptible to death or serious injury.

■ When children are in the vehicle

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

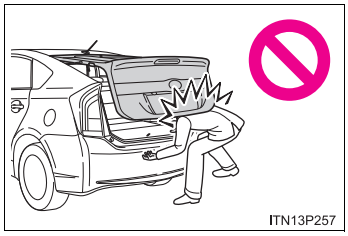
- Do not leave children alone in the luggage compartment.
  If a child is accidentally locked in the luggage compartment, they could have heat exhaustion.
- Do not allow a child to open or close the back door.
  Doing so may cause the back door to move unexpectedly, or cause the child's hands, head,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

CAUTION

Operating the back door

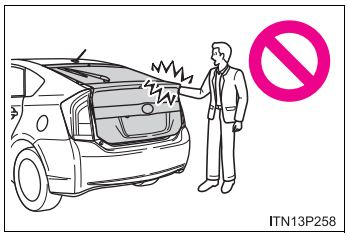
Observe the following precautions.
Failure to do so may cause parts of the body to be caught, resulting in death or serious injury.

- 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 fall closed 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.


ITN13P257

- The back door may fall 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.

⚠ CAUTION



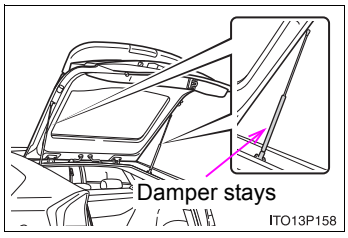
- When closing the back door, take extra care to prevent your fingers etc. from being caught.
- When closing the back door, make sure to press it lightly on its outer surface. If the back door handle is used to fully close the back door, it may result in hands or arms being caught.
- Do not pull on the 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 fall closed again after being opened, causing someone's hands, head or neck to be caught and injured. When installing an accessory part to the back door, using a genuine Toyota part is recommended.

NOTICE

Back door damper stays

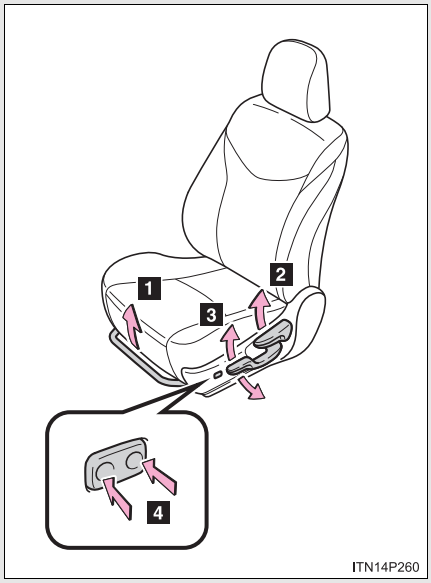
The back door is equipped with damper stays that hold the back door in place.

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



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

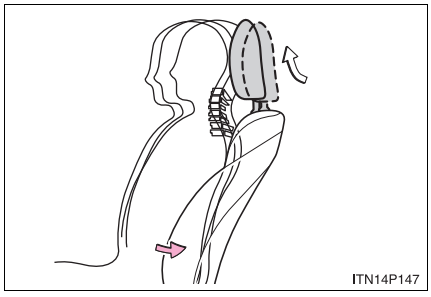
Front seats



1 Seat position adjustment lever
2 Seatback angle adjustment lever
3 Vertical height adjustment lever*
4 Lumbar support adjustment switch*

*: For driver's side

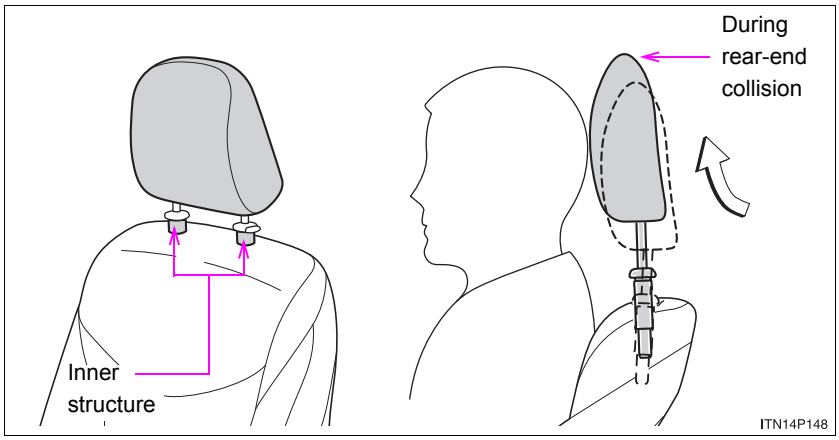
Active head restraints



When the occupant's lower back presses against the seatback during a rear-end collision, the head restraint moves slightly forward and upward to help reduce the risk of whiplash on the seat occupant.

Active head restraints

Even small forces applied to the seatback may cause the head restraint to move. Pushing up a locked head restraint forcibly may make the inner structure of the head restraint appear. This does not indicate a problem.



CAUTION

Seat adjustment

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

Rear seats

The seatbacks can be folded down.

Before folding down the seatbacks

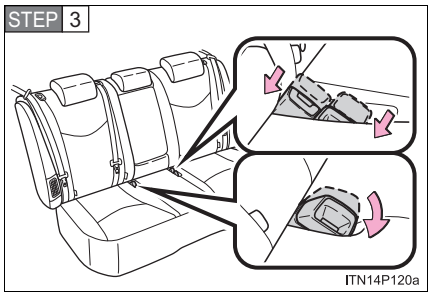
STEP 1 Park the vehicle in a safe place.

Apply the parking brake firmly and shift the shift position to P. (→P. 219)

STEP 2 Adjust the position of the front seat and the angle of the seatback. (→P. 104)

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

STEP 3



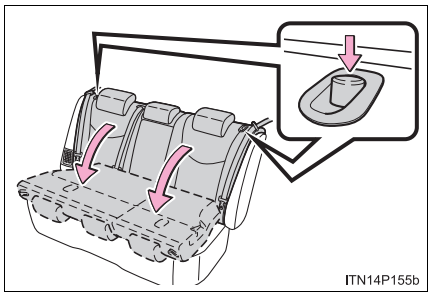
Stow the buckle of the seat belts.

STEP 4 Lower the head restraint of the rear seat. (→P. 109)

STEP 5 Stow the armrest of the rear seat if it is pulled out. (→P. 385)

This step is not necessary when operating the driver's side (left-hand drive vehicles) or front passenger's side (right-hand drive vehicles) seat only.

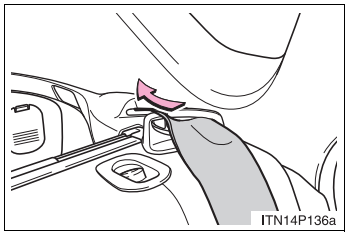
Folding down the seatbacks



Fold the seatback down while pushing the lock release button.

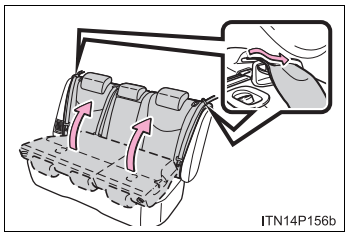
To return the rear seatbacks to their original positions, lift them up until they lock.

Remove the seat belt from the guide



If the seat belt interferes with luggage on the folded seats, remove the seat belt from the guide.

Returning rear seatbacks



Tilt the rear seatback up until it locks, making sure that you hold the seat belt to prevent it from getting caught between the seatback and the inner side of the vehicle.

If the seat belt is removed from the guide, make sure the belt pass through the guide.

⚠ CAUTION

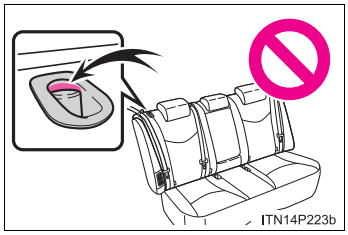
■ When folding the seatbacks down

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

- Do not fold the seatbacks down while driving.
- Stop the vehicle on level ground, set the parking brake and shift the shift position to P.
- Do not allow anyone to sit on a folded seatback or in the luggage compartment while driving.
- Do not allow children to enter the luggage compartment.

■ After returning the seatback to the upright position

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

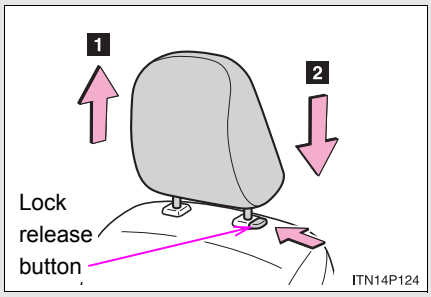


- Make sure that the seatback is securely locked in position by lightly pushing it back and forth.
  If the seatbacks is not securely locked, the red marking will be visible on the seatback lock release button. Make sure that the red marking is not visible.
- Check that the seat belts are not twisted or caught in the seatback.

Head restraints

Head restraints are provided for all seats.

Front seats



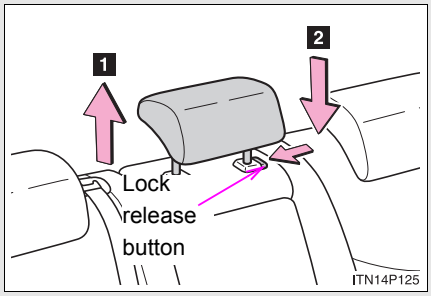
1 Up

Pull the head restraints up.

2 Down

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

Rear seats

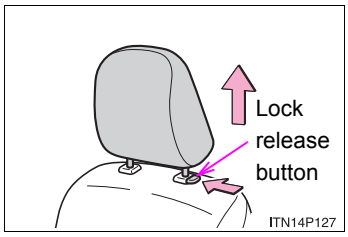


1 Up

2 Down

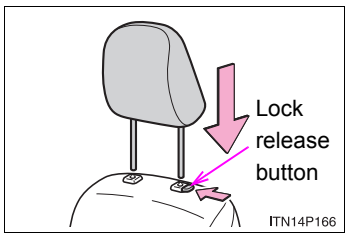
Pull up or push down the head restraint while pressing the lock release button.

■ **Removing the head restraints**



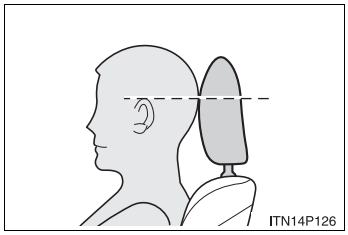
Pull the head restraint up while pressing the lock release button.

■ **Installing the head restraints**



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

■ **Adjusting the height of the head restraints**



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

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

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

CAUTION

■ Head restraint precautions

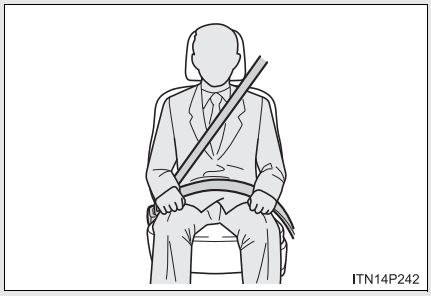
Observe the following precautions regarding the head restraints. Failure to do so may result in death or serious injury.

- 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.

Seat belts

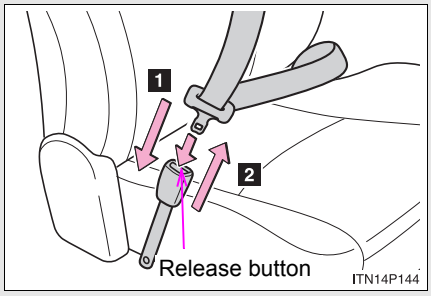
Make sure that all occupants are wearing their seat belts before driving the vehicle.

■ Correct use of the seat belts



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

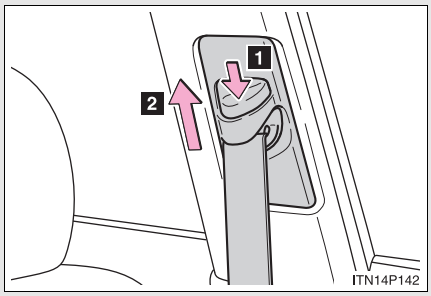
■ Fastening and releasing the seat belt



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

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

■ Adjusting the seat belt shoulder anchor height (front seats)

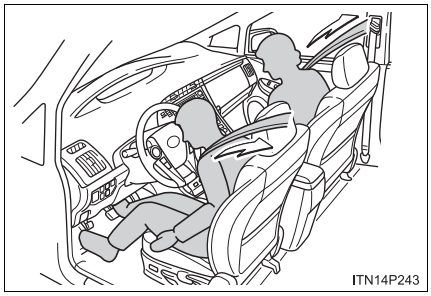


1 Push the seat belt shoulder anchor down while pressing the release button.

2 Push the seat belt shoulder anchor up.

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

Seat belt pretensioners (front seats)



The pretensioner helps the seat belt to quickly restrain the occupant by retracting the seat belt when the vehicle is subjected to certain types of severe frontal collision.

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

Pre-crash seat belts (front seats of vehicles with pre-crash safety system)

If the system determines that a collision is unavoidable, the front seat belts will retract before the collision. (→P. 319)

■ **Emergency locking retractor (ELR)**

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

■ **Child seat belt usage**

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

- Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle's seat belt. (→P. 169)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions on P. 112 regarding seat belt usage.

■ **Replacing the belt after the pretensioner has been activated**

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

■ **Seat belt regulations**

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

⚠ CAUTION

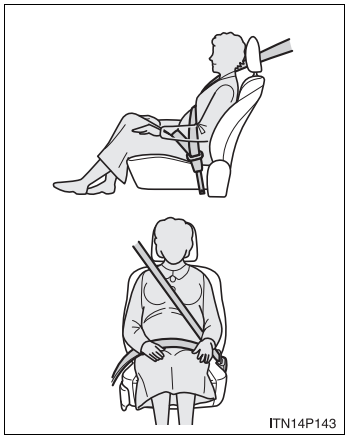
Observe the following precautions to reduce the risk of injury in the event of sudden braking, sudden swerving or an accident.
Failing to do so may cause death or serious injury.

■ **Wearing a seat belt**

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

⚠ CAUTION

■ Pregnant women



Obtain medical advice and wear the seat belt in the proper way. (→P. 112)

Women who are pregnant should position the lap belt as low as possible over the hips in the same manner as other occupants. Extend the shoulder belt completely over the shoulder and position the belt across the chest. Avoid belt contact over the rounding of the abdominal area.

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

■ People suffering illness

Obtain medical advice and wear the seat belt in the proper way. (→P. 112)

■ 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.

⚠ CAUTION

■ Seat belt pretensioners

If the pretensioner has activated, the SRS warning light will come on. In that case, the seat belt cannot be used again and must be replaced at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

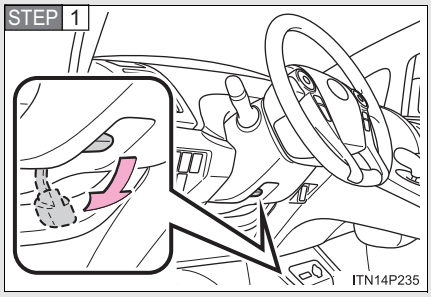
■ Seat belt damage and wear

- Do not damage the seat belts by allowing the belt, plate, or buckle to be jammed in the door.
- Inspect the seat belt system periodically. Check for cuts, fraying, and loose parts. Do not use a damaged seat belt until it is replaced. Damaged seat belts cannot protect an occupant from death or serious injury.
- Ensure that the belt and plate are locked and the belt is not twisted.
  If the seat belt does not function correctly, immediately contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- Replace the seat assembly, including the belts, if your vehicle has been involved in a serious accident, even if there's no obvious damage.
- Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. Have any necessary repairs carried out by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. Inappropriate handling of the pretensioner may prevent it from operating properly, resulting in death or serious injury.

Steering wheel

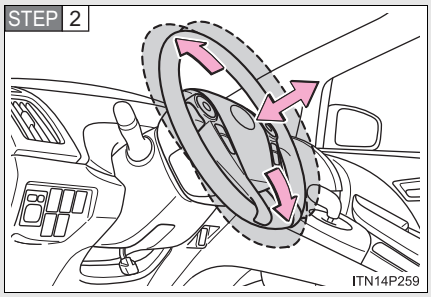
The steering wheel can be adjusted to a comfortable position.

STEP 1



Hold the steering wheel and push the lever down.

STEP 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.

⚠ CAUTION

■ Caution while driving

Do not adjust the steering wheel while driving.
Doing so may cause the driver to mishandle the vehicle and cause an accident, resulting in death or serious injury.

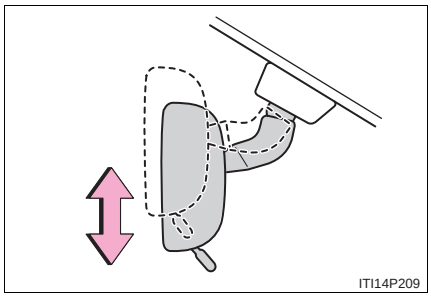
■ After adjusting the steering wheel

Make sure that the steering wheel is securely locked.
Otherwise, the steering wheel may move suddenly, possibly causing an accident, and resulting in death or serious injury.

Inside rear view mirror

The rear view mirror's position can be adjusted to enable sufficient confirmation of the rear view in accordance with the driver's seating posture.

Adjusting the height of rear view mirror

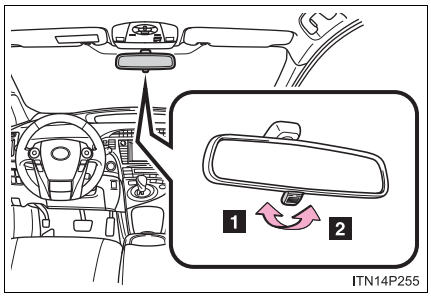


Adjust the height of the rear view mirror by moving it up and down.

Anti-glare function

Manual anti-glare inside rear view mirror

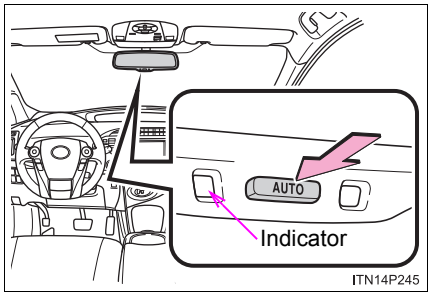
Reflected light from the headlights of vehicles behind can be reduced by operating the lever.



1 Normal position
2 Anti-glare position

Auto anti-glare inside rear view mirror

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



Changing automatic anti-glare function mode

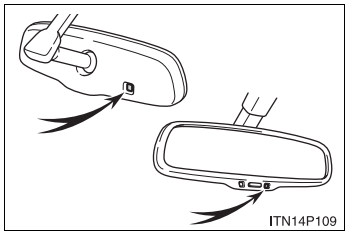
ON/OFF

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

The function will set to ON mode each time the “POWER” switch is turned to ON mode.

Pressing the button turns the function to OFF mode. (The indicator also turns off.)

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



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

⚠ CAUTION

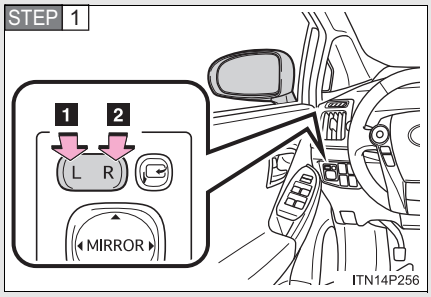
■ **Caution while driving**

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

Outside rear view mirrors

Mirror angle can be adjusted using the switch.

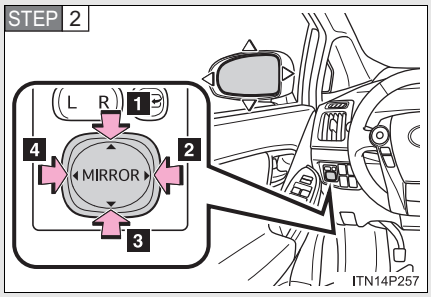
STEP 1



To select a mirror to adjust, press the switch.

1 Left
2 Right

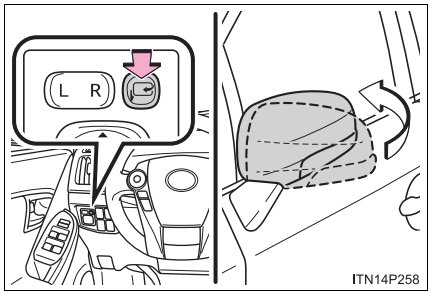
STEP 2



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.

■ **Mirror angle can be adjusted when**

The “POWER” switch is in ACCESSORY or ON mode.

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

The outside rear view mirrors can be cleared using the mirror defoggers. Turn on the rear window defogger to turn on the outside rear view mirror defoggers. (→P. 357)

⚠ CAUTION

■ **When driving the vehicle**

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

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

■ **When a mirror is moving**

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

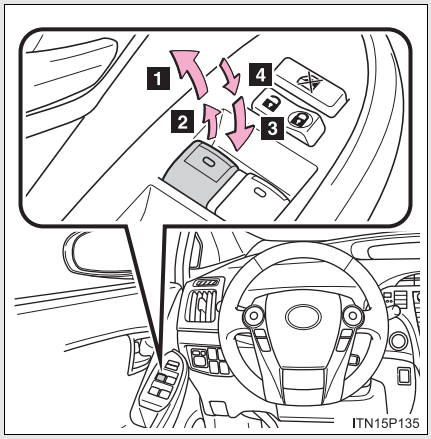
■ **When the mirror defoggers are operating (vehicles with outside rear view mirror defoggers)**

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

Power windows

The power windows can be opened and closed using the switches.

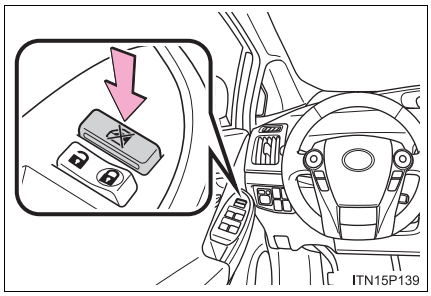
Operating the switch moves the windows as follows:



1 One-touch closing*
2 Closing
3 One-touch opening*
4 Opening

*: Pushing the switch in the opposite direction will stop window travel partway.

Window lock switch



Press the switch down to lock the passenger windows.

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

Press the switch again to unlock the passenger windows.

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

The “POWER” switch is in ON mode.

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

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

■ **Jam protection function**

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

When the power window does not close normally

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

- After stopping the vehicle, the window can be closed by holding the power window switch in the one-touch closing position while the “POWER” switch is turned to ON mode.
- If the window still cannot be closed even by carrying out the operation explained above, initialize the function by performing the following procedure.

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

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

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

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

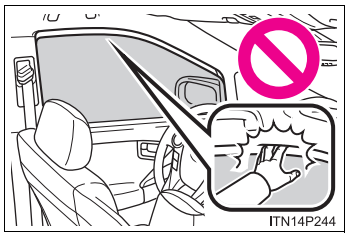
Customization

The one-touch closing operation can be disabled, except for the driver's seat. (Customizable features →P. 583)

CAUTION

Closing the windows

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



- 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.
- Do not allow children to operate the power windows.
  Closing a power window on someone can cause serious injury, and in some instances, even death.

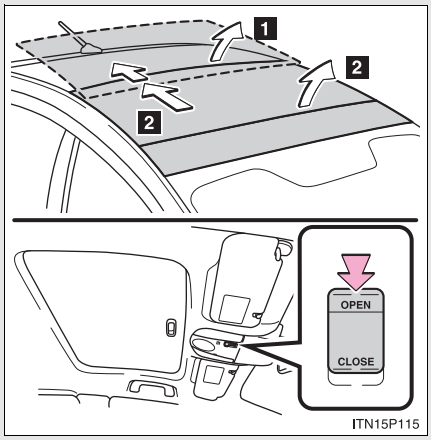
Jam protection function

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

Moon roof with Solar Panel*

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

■ Open



1 Tilt up

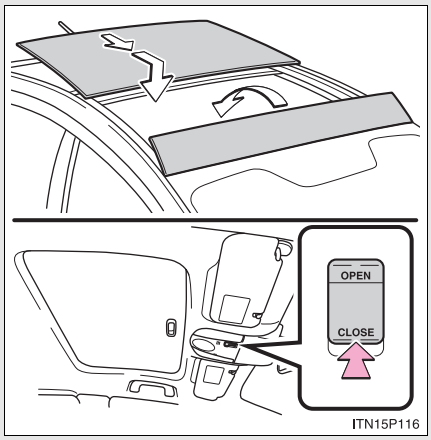
Push “OPEN”.
The moon roof will open after pausing at the tilt up position, when pushing and holding the switch.
To tilt down, push and hold “CLOSE”.

2 Open

Push “OPEN” at the tilt up position.
Lightly push on either side of the switch stops the moon roof partway.
The moon roof stops slightly before the fully open position to reduce the wind noise.
Push “OPEN” again to fully open.

*: If equipped

Close



Push and hold “CLOSE”.

The moon roof stops once. Push and hold the switch again to fully close.

The moon roof can be operated when

The “POWER” switch is in ON mode.

Operating the moon roof after turning the hybrid system OFF

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

■ **Jam protection function**

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

■ **To reduce moon roof wind noise**

When the moon roof is opened automatically, it will stop slightly before the fully open position. Driving with the moon roof in this position can help reduce wind noise.

■ **Sunshade**

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

■ **Solar Panel**

The solar panel contains solar cells, and produces energy to operate the Solar Ventilation System by receiving sunlight.

■ **Moon roof open warning buzzer**

The buzzer sounds when the “POWER” switch is turned off and the driver’s door is opened with the moon roof open.

■ **If the moon roof cannot be closed**

If the moon roof cannot be closed, such as when the jam protection function activates accidentally due to a malfunction, pressing and holding “CLOSE” switch closes the moon roof.
After this, to make the automatic opening function and jam protection function available again, press and hold the “OPEN” switch until the moon roof opens fully and then closes slightly.
If the functions do not activate, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

⚠ CAUTION

■ Opening the moon roof

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

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

■ Closing the moon roof

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

- Check to make sure that all passengers do not have any part of their bodies in a position where they could be caught when the moon roof is being operated.
- Do not allow children to operate the moon roof.
  Closing the moon roof on someone can cause death or serious injury.

■ Jam protection function

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

■ Precautions for moon roof with Solar Panel

Be careful not to touch the solar panel surface in scorching sun weather conditions as it will rise very high in temperature and may cause burns.

NOTICE

To prevent damage to the moon roof

- Before opening, make sure that there are no foreign objects such as stones or ice around the opening.
- Do not hit the face or edge of the moon roof with hard objects.
- Do not continue to press and hold the switch after the moon roof has opened or closed completely.

Operating the moon roof

There is the possibility that water or rain will get into the vehicle if you operate the moon roof after a rainfall, snowfall or car wash. Wipe the moon roof dry with a cloth before operating it.

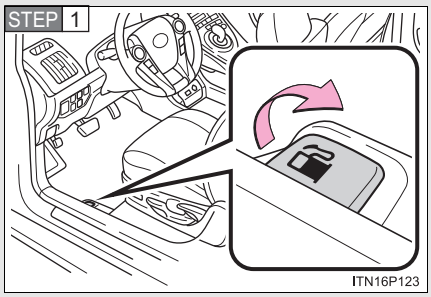
Opening the fuel tank cap

Perform the following steps to open the fuel tank cap:

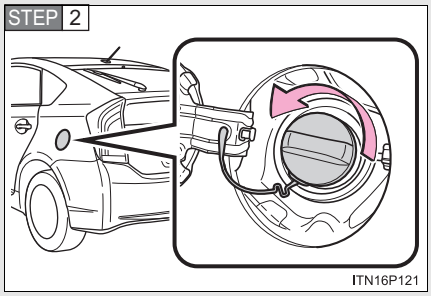
■ Before refueling the vehicle

- Turn the “POWER” switch off and close all the doors and windows.
- Confirm the type of fuel. (→P. 134)

■ Opening the fuel tank cap

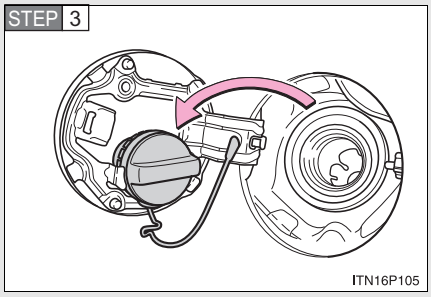


Pull up the opener to open the fuel filler door.



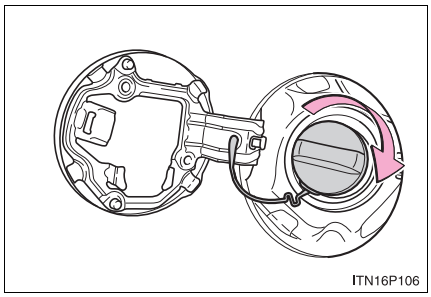
Turn the fuel tank cap slowly to open.

STEP 3



Hang the fuel tank cap 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.

■ **Fuel types**

EU area:
Unleaded gasoline conforming to European standard EN228, Research Octane Number of 95 or higher

Except EU area:
Unleaded gasoline, Research Octane Number of 95 or higher

■ **Use of ethanol blended gasoline in a gasoline engine**

Toyota allows the use of ethanol blended gasoline where the ethanol content is up to 10%. Make sure that the ethanol blended gasoline to be used has a Research Octane Number that follows the above.

■ **Gasoline price setting screen**

After refueling more than approximately 5 L (1.3 gal., 1.1 Imp.gal.) and turning the “POWER” switch to ON mode, the gasoline price setting screen will be automatically displayed on the multi-information display. (→P. 246)

⚠ CAUTION

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

CAUTION

■ When refueling

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

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

■ When replacing the fuel tank cap

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

NOTICE

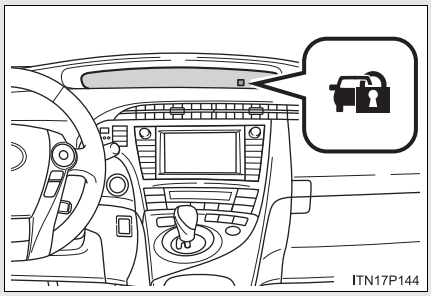
■ Refueling

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

Immobilizer system

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

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



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

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

System maintenance

The vehicle has a maintenance-free type immobilizer system.

Conditions affecting operation

Depending on the surrounding environment and conditions, the immobilizer system may not operate properly. This may prevent the hybrid system from starting. (→P. 82)

■ Certifications for the immobilizer system

TOYOTA

TOYOTA MOTOR CORPORATION

1, TOYOTA-CHO, TOYOTA, AICHI, 471-8571(Head Office)
or 471-8572(Research & Development Group) JAPAN
TEL : (0565)28-2121

R&TTE Declaration of Conformity

We,

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

hereby declare under our sole responsibility that the product:

Product Name: Immobilizer
Product Model: TMIMB-1

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

- Health & safety requirements: EN60950-1:2001
- EMC requirements: EN301 489-1 V1.4.1 & EN301 489-3 V1.4.1
- Effective use of radio spectrum: EN300 330-2 V1.1.1

Supplementary information:

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

Date: September 17, 2004

Signature: T. Katayama
Tomoaki Katayama

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

Käesolevaga kinnitab Toyota Motor Corporation seadme TMIMB-1 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Toyota Motor Corporation nyilatkozom, hogy a TMIMB-1 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Toyota Motor Corporation týmto vyhlasuje, že TMIMB-1 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Toyota Motor Corporation tímto prohlašuje, že tento TMIMB-1 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Toyota Motor Corporation izjavlja, da je ta TMIMB-1 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Toyota Motor Corporation deklaruoja, kad šis TMIMB-1 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Toyota Motor Corporation deklarē, ka TMIMB-1 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Toyota Motor Corporation oświadcza, że TMIMB-1 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Toyota Motor Corporation yfir því að TMIMB-1 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Toyota Motor Corporation erklærer herved at utstyret TMIMB-1 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Ovim, Toyota Motor Corporation, izjavljuje da ovaj TMIMB-1 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.

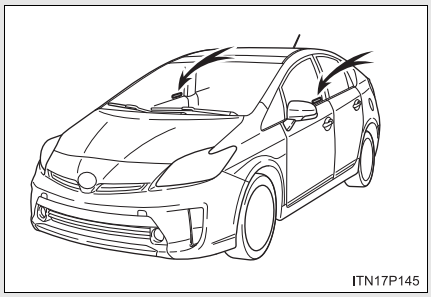
NOTICE

■ **To ensure the system operates correctly**

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

Double locking system*

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



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

Setting the double locking system

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

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

*: If equipped

Canceling the double locking system

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

CAUTION

■ Double locking system precaution

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

Alarm*

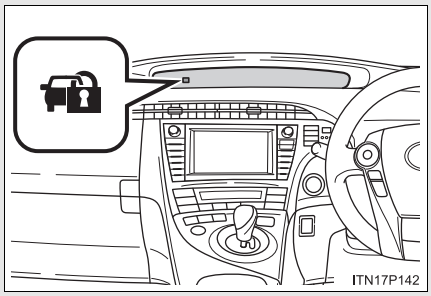
The system sounds the alarm and flashes lights when forced entry is detected.

■ Triggering of the alarm

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

- A locked door or back door is unlocked or opened in any way other than using the entry function or wireless remote control.
- The hood is opened.
- If equipped, the intrusion sensor detects something moving inside the vehicle. (An intruder gets in the vehicle.)

■ Setting the alarm system



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

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

*: If equipped

■ **Deactivating or stopping the alarm**

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

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

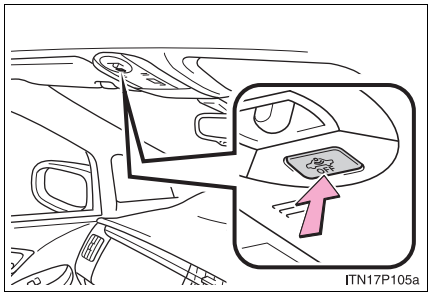
Intrusion sensor (if equipped)

The intrusion sensor detects intruders or movement in the vehicle. When an intruder or movement is detected, the alarm will be triggered.

The intrusion sensor can be canceled using the cancel switch.

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

■ **Canceling the intrusion sensor**



Turn the “POWER” switch off and press the intrusion sensor cancel switch.

Pressing the switch again will re-enable the intrusion sensor.

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

■ **System maintenance**

The vehicle has a maintenance-free type alarm system.

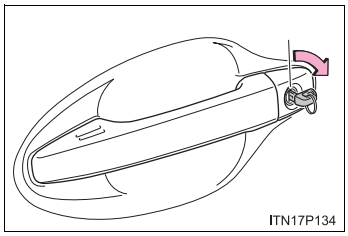
■ **Items to check before locking the vehicle**

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

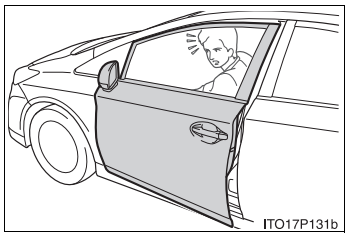
- Nobody is in the vehicle.
- The windows and moon roof are closed before the alarm is set.
- No valuables or other personal items are left in the vehicle.

■ **Triggering of the alarm**

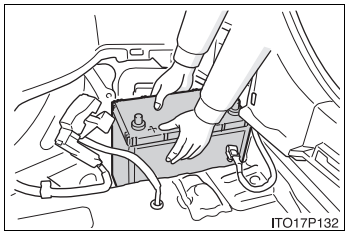
The alarm may be triggered in the following situations.
(Stopping the alarm deactivates the alarm system.)



- The doors are unlocked using the mechanical key.



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



- The 12-volt battery is recharged or replaced when the vehicle is locked. (→P. 556)

■ **Alarm-operated door lock**

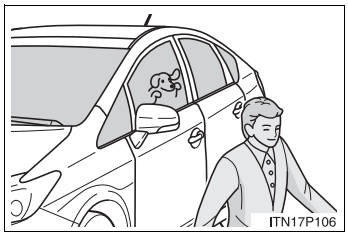
When the alarm is operating, the doors are locked automatically to prevent intruders.

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

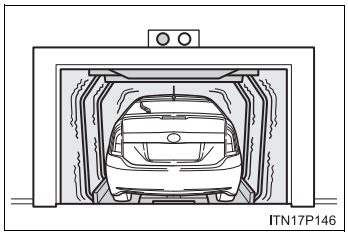
- The alarm will still be set even when the intrusion sensor is canceled.
- After the intrusion sensor is canceled, pressing the “POWER” switch or unlocking the doors using the entry function or wireless remote control will re-enable the intrusion sensor.
- When the alarm system is set again, the intrusion sensor will be set.

■ **Intrusion sensor considerations**

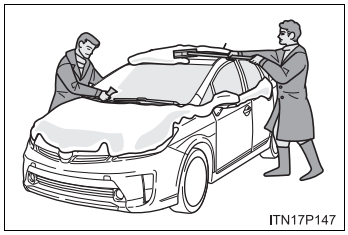
The sensor may trigger the alarm in the following situations:



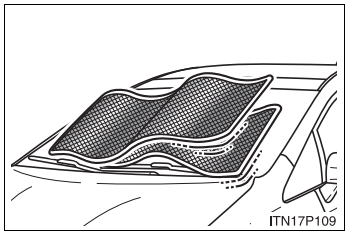
- Persons or pets are in the vehicle.



- The vehicle is parked in a place where extreme vibrations or noises occur, such as in a parking garage.



- Ice or snow is removed from the vehicle, causing the vehicle to receive repeated impacts or vibrations.



- The wind or something similar causes an externally mounted reflectively coated windshield cover to move.

- Unstable items, such as dangling accessories or clothes hanging on the coat hooks, are in the vehicle. In addition, these items swing due to the operation of the Solar Ventilation System.
- A window or the moon roof is open.
- The vehicle is inside an automatic or high-pressure car wash.
- The vehicle experiences impacts, such as hail, lightning strikes, and other kinds of repeated impacts or vibrations.

Certification

Hereby, FUJITSU TEN LIMITED, declares that this FTL313 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

FUJITSU TEN LIMITED
Engineering Management Department
Design Management Division
Products Management Group

2-28, Gosho-dori 1-chome, Hyogo-ku, Kobe, 652-8510, Japan
Tel.: +81.78-682-2031 Fax.: +81.78-671-7160

FUJITSU TEN

DECLARATION of CONFORMITY

We, FUJITSU TEN LIMITED of the above address, hereby declare, at our sole responsibility, that the following product conforms to the Essential Requirements of the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC in accordance with the tests conducted to the appropriate requirements of the relevant standards, as listed herewith.

Product Name:	**Motion Sensor**	
Model Number:	**FTL313**	
Reference Standards:		
	Radio :	
	EN 300 440-1	**V1.5.1(2009-03)**
	EN 300 440-2	**V1.3.1(2009-03)**
	EMC :	
	EN 301 489-1	**V1.8.1(2008-04)**
	EN 301 489-3	**V1.4.1(2002-08)**
	Safety :	
	EN 60065	**2002+A11:2008**

Supplementary Information:

CE Mark	CE 0891 ⓘ
Member states intend for use	**EU and EFTA**
Member states with restrictive use	**The sensor installed to vehicles sold other than UK and Ireland is not allowed to operate in UK**

Signature: T. Kamai
Takao KAMAI

Position: Department General Manager
Engineering Management Department
Design Management Division
Products Management Group

Date of issue: 20 April 2010
Place of issue: Kobe, Japan

The sensor installed to vehicles sold other than UK and Ireland is not allowed to operate in UK. The latest “DECLARATION of CONFORMITY” (DoC) is available at the address stated in the DoC.

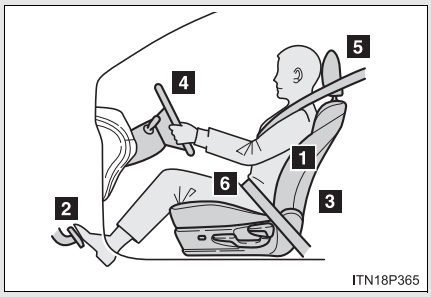
NOTICE

■ To ensure the system operates correctly

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

Correct driving posture

Drive with a good posture as follows:



1 Sit upright and well back in the seat. (→P. 104)

2 Adjust the position of the seat forward or backward to ensure the pedals can be reached and easily depressed to the extent required. (→P. 104)

3 Adjust the seatback so that the controls are easily operable. (→P. 104)

4 Adjust the tilt and telescopic positions of the steering wheel downward so the airbag is facing your chest. (→P. 118)

5 Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P. 109)

6 Wear the seat belt correctly. (→P. 112)

CAUTION

While driving

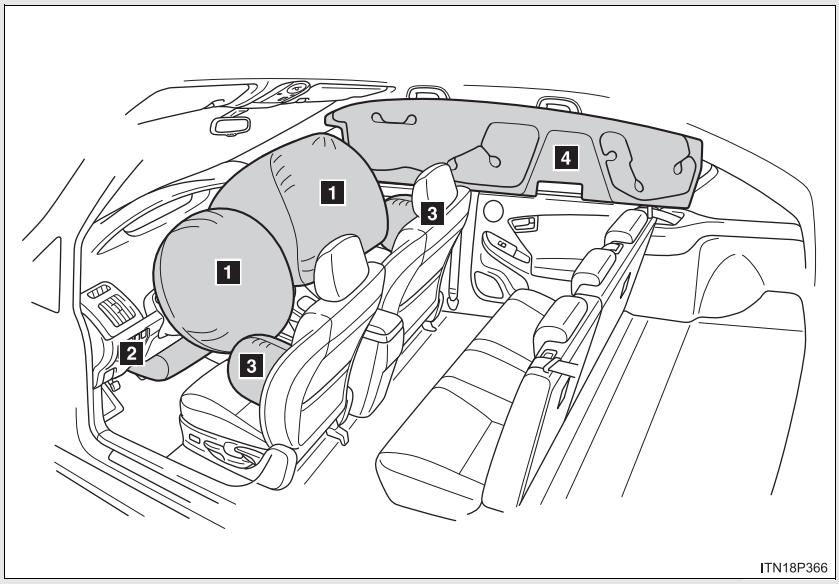
- Do not adjust the position of the driver's seat.
  Doing so could cause the driver to lose control of the vehicle.
- Do not place a cushion between the driver or passenger and the seatback.
  A cushion may prevent correct posture from being achieved, and reduce the effectiveness of the seat belt and head restraint, increasing the risk of death or serious injury to the driver or passenger.
- 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, resulting in death or serious injury. The adjustment mechanism may also be damaged.

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.

SRS airbags

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



SRS front airbags

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

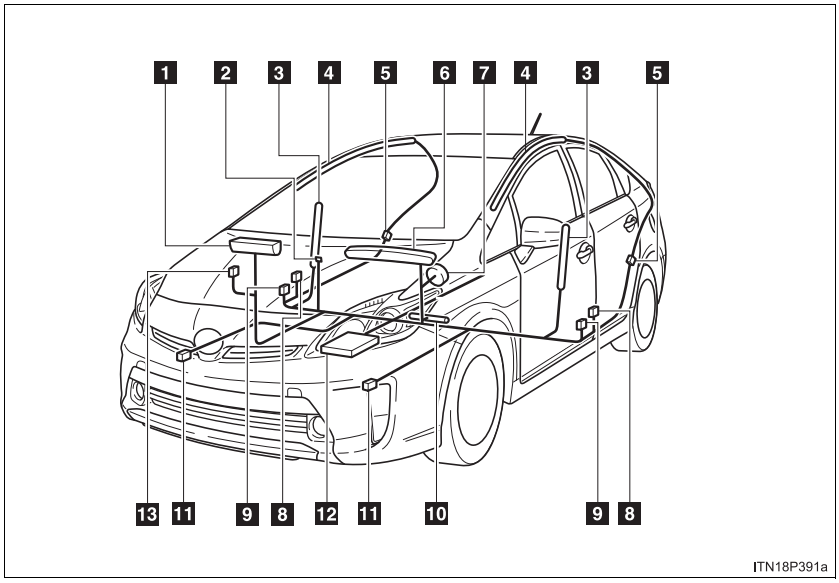
2 SRS knee airbag
Can help provide driver protection

SRS side and curtain shield airbags

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

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

SRS airbag system components



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

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

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

- Bruising and slight abrasions may result from contact with a deploying (inflating) SRS airbag.
- A loud noise and white powder will be emitted.
- Parts of the airbag module (steering wheel hub, airbag cover and inflator) as well as the front seats, parts of the front and rear pillars, and roof side rails, may be hot for several minutes. The airbag itself may also be hot.
- The windshield may crack.

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

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

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

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

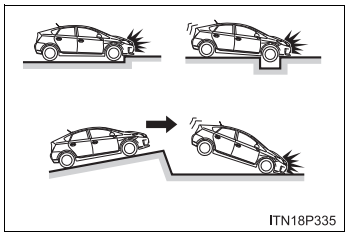
- Depending on the type of collision, it is possible that only the seat belt pretensioners will activate.

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

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

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

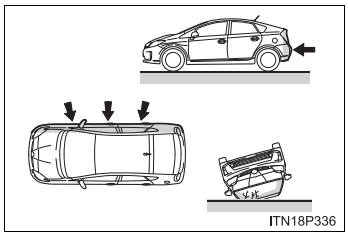
The SRS front airbags may also deploy if a serious impact occurs to the underside of your vehicle. Some examples are shown in the illustration.



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

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

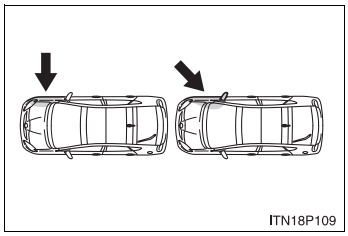
The SRS front airbags do not generally inflate if the vehicle is involved in a side or rear collision, if it rolls over, or if it is involved in a low-speed frontal collision. But, whenever a collision of any type causes sufficient forward deceleration of the vehicle, deployment of the SRS front airbags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



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

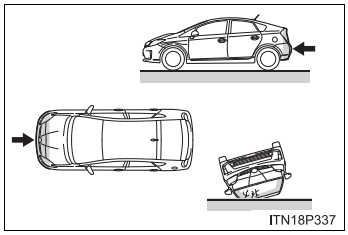
■ **Types of collisions that may not deploy the SRS airbags (SRS side and curtain shield airbags)**

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



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

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

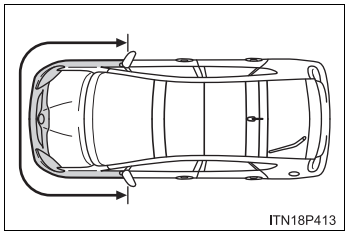


- Collision from the front
- Collision from the rear
- Vehicle rollover

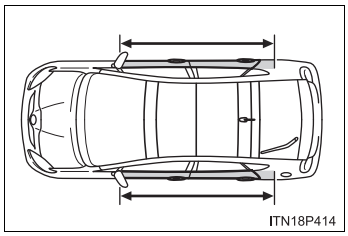
■ **When to contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional**

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

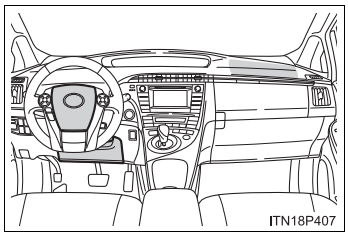
- Any of the SRS airbags has been inflated.



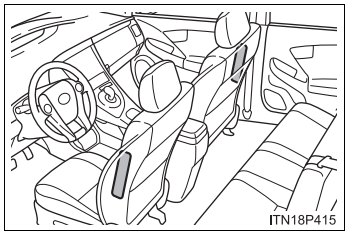
- The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS airbags to inflate.



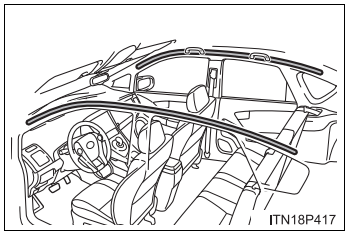
- A portion of a door is damaged or deformed, or the vehicle was involved in an accident that was not severe enough to cause the SRS side and curtain shield airbags to inflate.



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



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



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

CAUTION

SRS airbag precautions

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

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

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

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

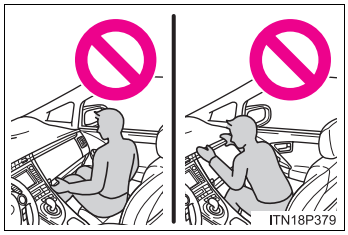
The seat should be adjusted as recommended above, while still maintaining control of the foot pedals, steering wheel, and your view of the instrument panel controls.

CAUTION

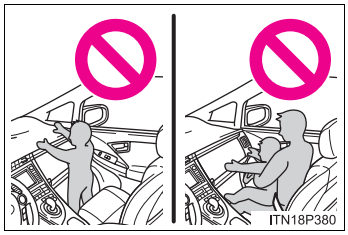
SRS airbag precautions

- The SRS front passenger airbag also deploys with considerable force, and can cause death or serious injury especially if the front passenger is very close to the airbag. The front passenger seat should be as far from the airbag as possible with the seatback adjusted, so the front passenger sits upright.
- Improperly seated and/or restrained infants and children can be killed or seriously injured by a deploying airbag. An infant or child who is too small to use a seat belt should be properly secured using a child restraint system. Toyota strongly recommends that all infants and children be placed in the rear seats of the vehicle and properly restrained. The rear seats are safer for infants and children than the front passenger seat. (→P. 169)

SRS airbag precautions



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



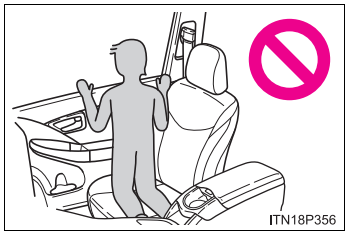
- Do not allow a child to stand in front of the SRS front passenger airbag unit or sit on the knees of a front passenger.
- Do not allow the front seat occupants to hold items on their knees.

⚠ CAUTION

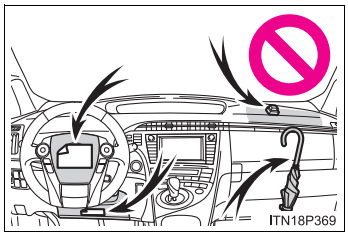
■ SRS airbag precautions



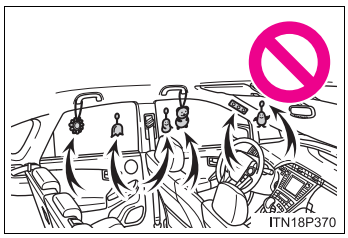
- Do not lean against the door, the roof side rail or the front, side and rear pillars.



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



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



- Do not attach anything to areas such as a door, windshield glass, side door glass, front or rear pillar, roof side rail, and assist grip. (Except for the speed limit label →P. 533)

⚠ CAUTION

■ SRS airbag precautions

- Do not hang coat hangers or hard objects on the coat hooks. All of these items could become projectiles and may cause death or serious injury, should the SRS curtain shield airbags deploy.
- If a vinyl cover is put on the area where the SRS knee airbags will deploy, be sure to remove it.
- Do not use seat accessories which cover the parts where the SRS side airbags inflate as they may interfere with inflation of the airbags. Such accessories may prevent the side airbags from activating correctly, disable the system or cause the side airbags to inflate accidentally, resulting in death or serious injury.
- Do not strike or apply significant levels of force to the area of the SRS airbag components.
  Doing so can cause the SRS airbags to malfunction.
- Do not touch any of the component parts immediately after the SRS airbags have deployed (inflated) as they may be hot.
- If breathing becomes difficult after the SRS airbags have deployed, open a door or window to allow fresh air in, or leave the vehicle if it is safe to do so. Wash off any residue as soon as possible to prevent skin irritation.
- If the areas where the SRS airbags are stored, such as the steering wheel pad and front and rear pillar garnishes, are damaged or cracked, have them replaced by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

CAUTION

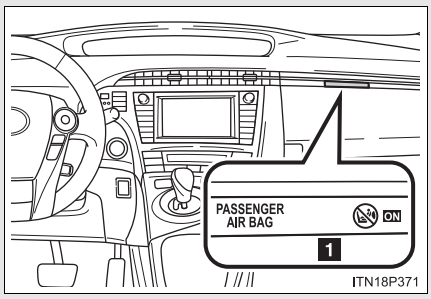
Modification and disposal of SRS airbag system components

Do not dispose of your vehicle or perform any of the following modifications without consulting any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. The SRS airbags may malfunction or deploy (inflate) accidentally, causing death or serious injury.

- Installation, removal, disassembly and repair of the SRS airbags
- Repairs, modifications, removal or replacement of the steering wheel, instrument panel, dashboard, seats or seat upholstery, front, side and rear pillars or roof side rails
- Repairs or modifications of the front fender, front bumper, or side of the occupant compartment
- Installation of snow plows, winches, etc. to the front grille (bull bars or kangaroo bar etc.)
- Modifications to the vehicle's suspension system
- Installation of electronic devices such as RF transmitter radios and CD players
- Modifications to your vehicle for a person with a physical disability

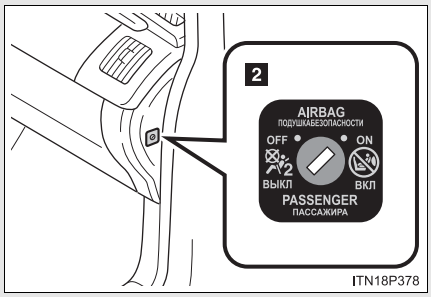
Airbag manual on-off system

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



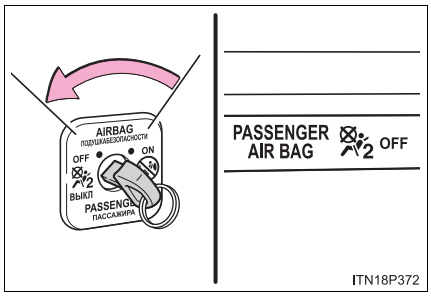
1 "PASSENGER AIR BAG" indicator

This indicator turns on when the airbag system is "ON". (Only when the "POWER" switch is in ON mode.)



2 Airbag manual on-off switch

Deactivating the front seat passenger airbag and front passenger side airbag



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

The "OFF" indicator turns on.

■ **“PASSENGER AIR BAG” indicator information**

If any of the following problems occur, it is possible that there is a malfunction in the system. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

- Neither “ON” nor “OFF” comes on.
- The indicator light does not change when the airbag manual on-off switch is switched to “ON” or “OFF”.

⚠ CAUTION

■ **When installing a child restraint system**

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

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

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

Child restraint systems

Toyota strongly urges the use of child restraint systems.

Points to remember

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

- Choose a child restraint system that suits your vehicle and is appropriate to the age and size of the child.
- For installation details, follow the instructions provided with the child restraint system.
  General installation instructions are provided in this manual.
  (→P. 179)
- If child restraint system regulations exist in the country where you reside, please contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for the child restraint system installation.
- Toyota recommends that you use a child restraint system which conforms to the regulation ECE No.44.

Types of child restraints

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

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

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

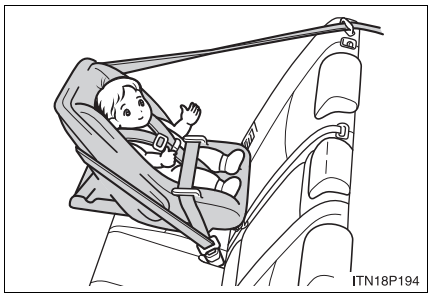
Group I: 9 to 18 kg (20 to 39 lb.) (9 months - 4 years)

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

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

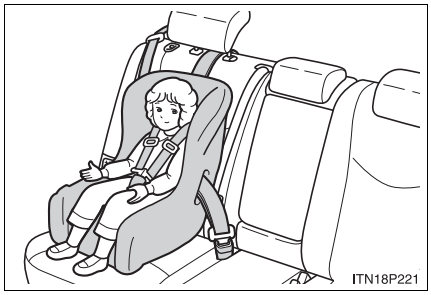
In this owner’s manual, the following popular 3 types of child restraint systems that can be secured with the seat belts are explained.

Baby seat



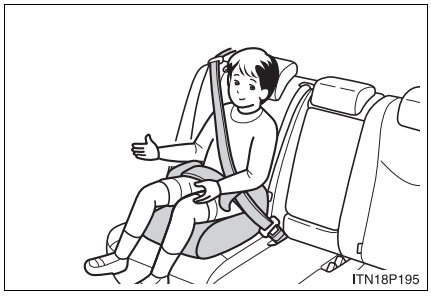
Equal to Group 0 and 0^+ of “ECE No.44”

Child seat



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

Junior seat



Equal to Group II and III of “ECE No.44”

Child restraint system suitability for various seating positions

Provided information in the table shows your child restraint system suitability for various seating positions.

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

Key of letters inserted in the above table:

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

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

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

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

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

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

Provided information in the table shows your child restraint system suitability for various seating positions.

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

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

Key of letters inserted in the above table:

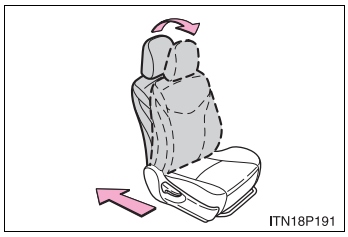
IUF: Suitable for ISOFIX forward-facing child restraint systems of universal category approved for use in this mass group.

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

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

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

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



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

- The seatback to the most upright position
- The seat cushion to the fully rearward position

■ **Selecting an appropriate child restraint system**

- Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt.
- If the child is too large for a child restraint system, sit the child on a rear seat and use the vehicle's seat belt. (→P. 112)

⚠ CAUTION

■ **Child restraint precautions**

- For effective protection in automobile accidents and sudden stops, a child must be properly restrained, using a seat belt or child restraint system depending on the age and size of the child. Holding a child in your arms is not a substitute for a child restraint system. In an accident, the child can be crushed against the windshield, or between you and the vehicle's interior.
- Toyota strongly urges the use of a proper child restraint system that conforms to the size of the child, installed on the rear seat. According to accident statistics, the child is safer when properly restrained in the rear seat than in the front seat.

⚠ CAUTION

■ Child restraint precautions

- Never install a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is ON. (→P. 167) In the event of an accident, the force of the rapid inflation of the front passenger airbag can cause death or serious injury to the child if the rear-facing child restraint system is installed on the front passenger seat.
- A forward-facing child restraint system may be installed on the front passenger seat only when it is unavoidable. A child restraint system that requires a top strap should not be used in the front passenger seat since there is no top strap anchor for the front passenger seat. Adjust the seatback as upright as possible and always move the seat as far back as possible, because the front passenger airbag could inflate with considerable speed and force. Otherwise, the child may be killed or seriously injured.
- 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, sudden swerve or accident.

CAUTION

When children are in the vehicle

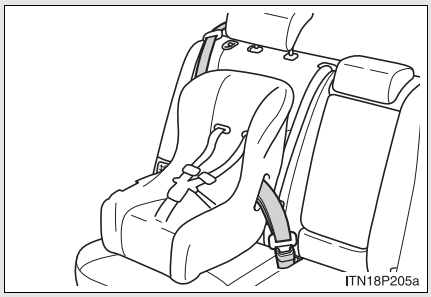
Do not allow children to play with the seat belt. If the seat belt becomes twisted around a child's neck, it may lead to choking or other serious injuries that could result in death.
If this occurs and the buckle cannot be unfastened, scissors should be used to cut the belt.

When the child restraint system is not in use

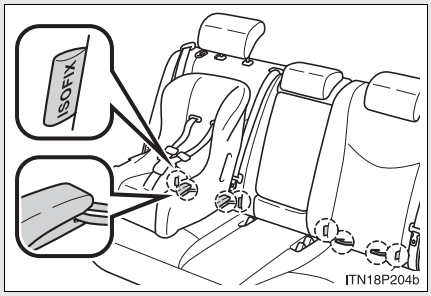
- Keep the child restraint system properly secured on the seat even if it is not in use. Do not store the child restraint system unsecured in the passenger compartment.
- If it is necessary to detach the child restraint system, remove it from the vehicle or store it securely in the luggage compartment. This will prevent it from injuring passengers in the event of a sudden stop, sudden swerve or accident.

Installing child restraints

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

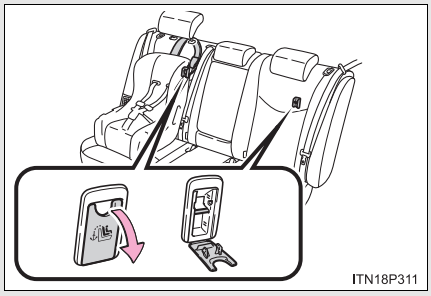


Seat belts (An ELR belt requires a locking clip.)



ISOFIX rigid anchors (ISOFIX child restraint system)

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



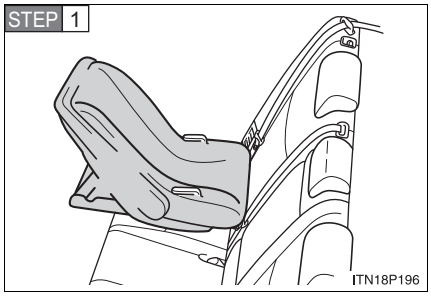
Anchor brackets (for the top strap)

Anchor brackets are provided for the outside rear seats.

Installing child restraints using a seat belt

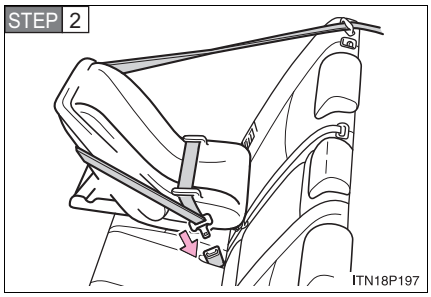
■ Rear-facing — Baby seat/child seat

STEP 1



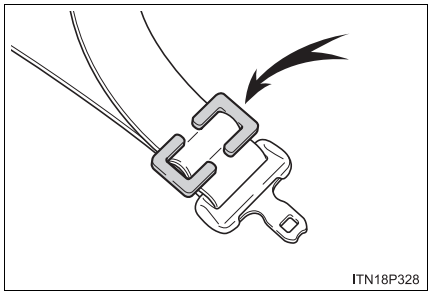
Place the child restraint system on the rear seat facing the rear of the vehicle.

STEP 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. Keep the lap portion of the belt tight.

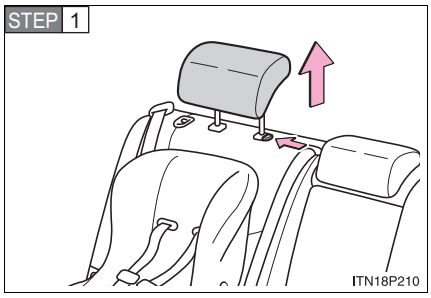
Follow the directions given in the child restraint system installation manual and fix the child restraint system securely in place.



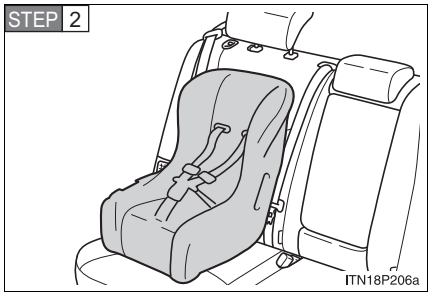
If your child restraint system is not equipped with a lock-off (a seat belt locking feature), secure the child restraint system using a locking clip. (→P. 185)

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

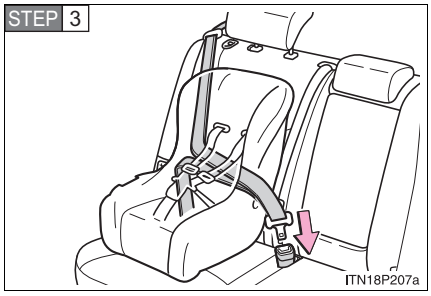
■ **Forward-facing — Child seat**



Adjust the head restraint to the upmost position.

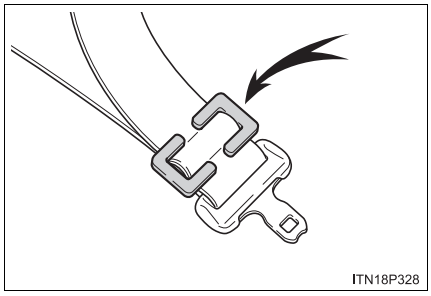


Place the child restraint system on the seat facing the front of the vehicle.



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

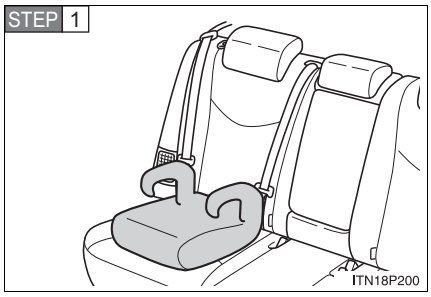
Follow the directions given in the child restraint system installation manual and fix the child restraint system securely in place.



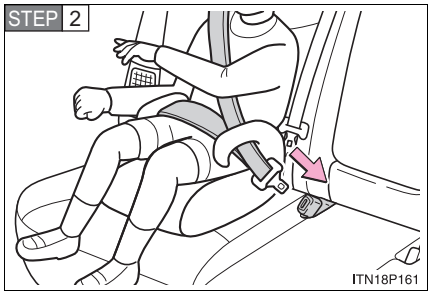
If your child restraint system is not equipped with a lock-off (a seat belt locking feature), secure the child restraint system using a locking clip. (→P. 185)

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

■ Junior seat



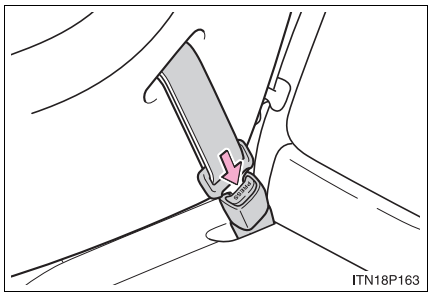
Place the child restraint system on the seat facing the front of the vehicle.



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. 112)

Removing a child restraint system installed with a seat belt



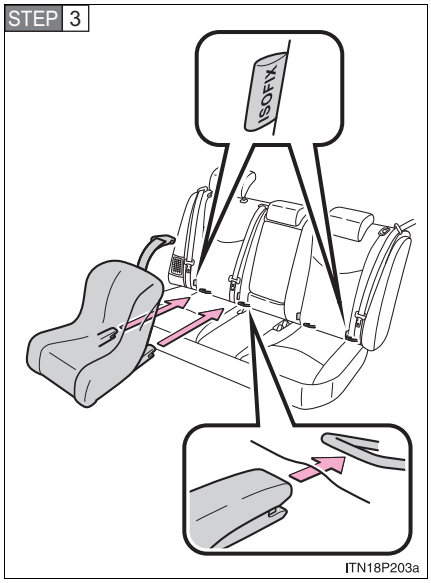
Push the buckle release button and fully retract the seat belt.

Installation with ISOFIX rigid anchor (ISOFIX child restraint system)

STEP 1 Adjust the head restraint to the upmost position.

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

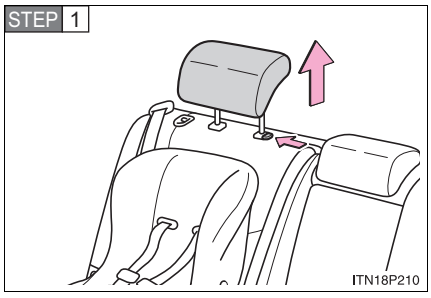
STEP 3



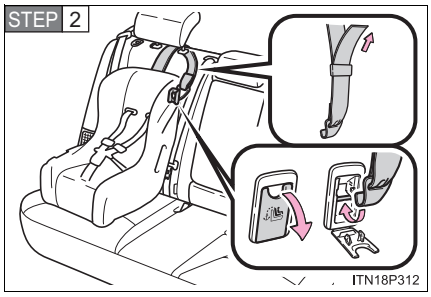
Latch the buckles onto the exclusive fixing bars.

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

Child restraint systems with a top strap



Secure the child restraint system using a seat belt or ISOFIX rigid anchors, and adjust the head restraint to the upmost position.



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

Make sure the top strap is securely latched.

When installing a child restraint system

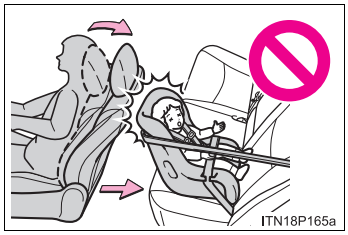
You need a locking clip to install the child restraint system. Follow the instructions provided by the manufacturer of the system. If your child restraint system does not provide a locking clip, you can purchase the following item from any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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

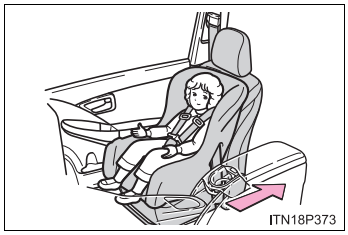
⚠ CAUTION

■ When installing a child restraint system

Follow the directions given in the child restraint system installation manual and fix the child restraint system securely in place.
If the child restraint system is not correctly fixed in place, the child or other passengers may be seriously injured or even killed in the event of sudden braking, sudden swerving or an accident.



- If the driver's seat interferes with the child restraint system and prevents it from being attached correctly, attach the child restraint system to the right-hand rear seat (left-hand drive vehicles) or the left-hand rear seat (right-hand drive vehicles).
- Adjust the front passenger seat so that it does not interfere with the child restraint system.

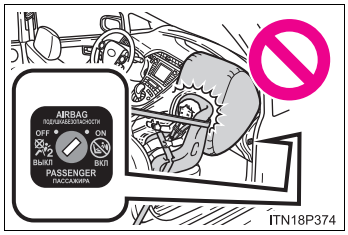


When installing a forward-facing child restraint system on the front passenger seat, move the seat as far back as possible.

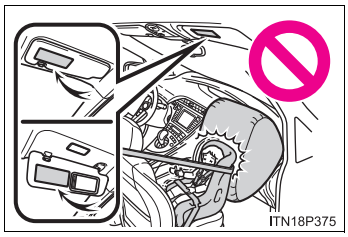
Failure to do so may result in death or serious injury if the airbags deploy (inflate).

CAUTION

When installing a child restraint system



ITN18P374


ITN18P375

- Never install a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on. (→P. 167)

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

  There is a label on both sides of the passenger side sun visor, indicating it is forbidden to attach a rearward facing child restraint to the front passenger seat.

  Details of the label are shown in the illustration below. The label includes information written in the language of your country.

⚠ CAUTION

■ When installing a child restraint system

▶ Type A



ITN18P324

▶ Type B

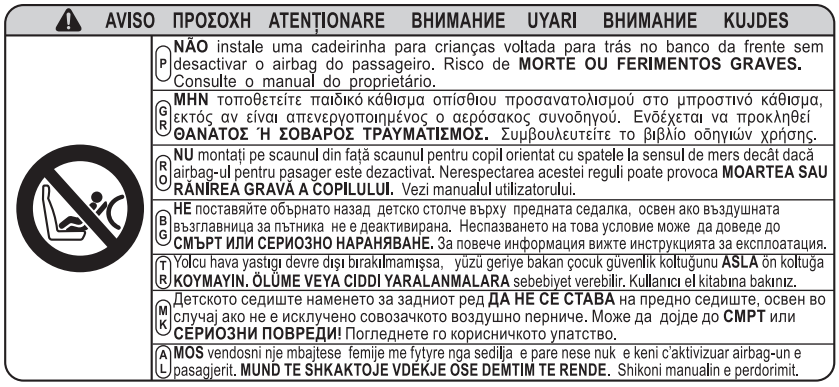


ITN18P325

CAUTION

When installing a child restraint system

▶ Type C



ITN18P376

▶ Type D



ITN18P377

CAUTION

When installing a child restraint system

▶ Type E



ITN18P399

- If child restraint system regulations exist in the country where you reside, please contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for the child restraint system installation.
- When a junior (booster) seat is installed, always ensure that the shoulder belt is positioned across the center of the child's shoulder. The belt should be kept away from the child's neck, but not so that it could fall off the child's shoulder. Failure to do so may result in death or serious injury in the event of sudden braking, sudden swerving or an accident.

⚠ CAUTION

■ When installing a child restraint system

- Ensure that the belt and plate are securely locked and the seat belt is not twisted.
- Shake the child restraint system left and right, and forward and backward to ensure that it has been securely installed.
- After securing a child restraint system, never adjust the seat.
- Follow all installation instructions provided by the child restraint system manufacturer.

■ To correctly attach a child restraint system to the anchors

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

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Driving the vehicle

The following procedures should be observed to ensure safe driving:

■ Starting the hybrid system

→P. 206

■ Driving

STEP 1 With the brake pedal depressed, shift the shift position to D. (→P. 216)

Check that the shift position indicator shows D. (→P. 228)

STEP 2 Release the parking brake. (→P. 226)

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

■ Stopping

STEP 1 With the shift position in D, depress the brake pedal.

STEP 2 If necessary, set the parking brake.

When the vehicle will be stopped for an extended period of time, shift the shift position to P. (→P. 219)

■ Parking the vehicle

STEP 1 Stop the vehicle completely.

STEP 2 Set the parking brake. (→P. 226)

STEP 3 Shift the shift position to P. (→P. 219)

Check that the shift position indicator shows P. (→P. 216)

STEP 4 Press the “POWER” switch to stop the hybrid system.

STEP 5 Slowly release the brake pedal.

STEP 6 Lock the door, making sure that you have the electronic key on your person.

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

Starting off on a uphill

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

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

STEP 3 Release the parking brake.

When starting off on a uphill

The hill-start assist control is available. (→P. 316)

Driving in the rain

- Drive carefully when it is raining, because visibility will be reduced, the windows may become fogged-up, and the road will be slippery.
- Drive carefully when it starts to rain, because the road surface will be especially slippery.
- Refrain from high speeds when driving on an expressway in the rain, because there may be a layer of water between the tires and the road surface, preventing the steering and brakes from operating properly.

Breaking in your new Toyota

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

- For the first 300 km (200 miles):
  Avoid sudden stops.
- For the first 1000 km (600 miles):
  - Do not drive at extremely high speeds.
  - Avoid sudden acceleration.
  - Do not drive at a constant speed for extended periods.

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

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P. 572)

■ **For efficient use**

- Shift the shift position to D when driving.
  In the N position, the gasoline engine operates but electricity cannot be generated. The hybrid battery (traction battery) will discharge, requiring unnecessary engine power to recharge.
- Drive your vehicle smoothly.
  Avoid abrupt acceleration and deceleration. Gradual acceleration and deceleration will make more effective use of the electric motor (traction motor) without having to use gasoline engine power.
- Avoid repeated acceleration.
  Repeated acceleration consumes hybrid battery (traction battery) power, resulting in poor acceleration. Battery power can be restored by driving with the accelerator pedal slightly released.
- Shift the shift position to P when parking.
  In the N position, the hybrid battery (traction battery) does not recharge. Leaving the shift position in the N position for an extended period of time may discharge the hybrid battery (traction battery). The vehicle cannot run if the hybrid battery (traction battery) is discharged.

CAUTION

When starting the vehicle

Always keep your foot on the brake pedal while stopped with the hybrid system operating. This prevents the vehicle from creeping.

When driving the vehicle

- Do not drive if you are unfamiliar with the location of the brake and accelerator pedals to avoid depressing the wrong pedal.
  - Accidentally depressing the accelerator pedal instead of the brake pedal will result in sudden acceleration that may lead to an accident that could result in death or serious injury.
  - 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.
- Because there is no engine noise when the vehicle is being driven using the electric motor, pedestrians in the vicinity may not notice the vehicle.
- 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.
- Do not let the vehicle roll backward while a forward driving position is selected, or roll forward while the shift position is in R.
  Doing so may result in an accident or damage to the vehicle.

CAUTION

- If the smell of exhaust is noticed inside the vehicle, open the windows and check that the back door is closed. Large amounts of exhaust in the vehicle can cause driver drowsiness and an accident, resulting in death or a serious health hazard. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.
- Do not shift the shift position to P while the vehicle is moving.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift position to R while the vehicle is moving forward.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift position to D while the vehicle is moving backward.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Moving the shift position to N while the vehicle is moving will disengage the hybrid system. Engine braking is not available with the hybrid system disengaged.
- During normal driving, do not turn off the hybrid system. Turning the hybrid system off while driving will not cause loss of steering or braking control, 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. 566
- Use engine braking (shift position B instead of shift position D) to maintain a safe speed when driving down a steep hill.
  Using the brakes continuously may cause the brakes to overheat and lose effectiveness. (→P. 216)

CAUTION

- Do not adjust the positions of the steering wheel, the seat, or the inside or outside rear view mirrors while driving.
  Doing so may result in a loss of vehicle control that can cause accidents, resulting in death or serious injury.
- Always check that all passengers' arms, heads or other parts of their body are not outside the vehicle, as this 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, resulting in an accident.
- Sudden acceleration, engine braking due to shift changing, or changes in engine speed could cause the vehicle to skid, resulting in an accident.
- After driving through a puddle, depress the brake pedal to make sure that the brakes are functioning properly. Wet brake pads may prevent the brakes from functioning properly. If the brakes on only one side are wet and not functioning properly, steering control may be affected, resulting in an accident.

When changing the shift position

Be careful not to change the shift position with the accelerator pedal depressed.
Changing the shift position to any positions other than P or N may cause the vehicle to accelerate abruptly, causing an accident and resulting in death or serious injury.

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

CAUTION

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

Have any authorized Toyota dealer or repairer, or another duly qualified and equipped professional check and replace the brake pads as soon as possible.
Rotor damage may result if the pads are not replaced when needed.

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

■ **When the vehicle is stopped**

- Do not depress the accelerator pedal unnecessarily.
  If the vehicle is in any shift position other than P or N, the vehicle may accelerate suddenly and unexpectedly, causing an accident.
- Do not leave the vehicle with the hybrid system on for a long time.
  If such a situation cannot be avoided, park the vehicle in an open space and check that exhaust fumes do not enter the vehicle interior.
- In order to prevent accidents due to the vehicle rolling away, always keep depressing the brake pedal while the “READY” indicator is on. Apply the parking brake as necessary.
- If the vehicle is stopped on an incline, in order to prevent accidents caused by the vehicle rolling forward or backward, always depress the brake pedal and securely apply the parking brake as needed.
- Avoid revving or racing the engine.
  Running the engine at high speed while the vehicle is stopped may cause the exhaust system to overheat, which could result in a fire if combustible material is nearby.

⚠ CAUTION

■ When the vehicle is parked

- Make sure to firmly apply the parking brake and shift the shift position to P. Failure to do so may cause the vehicle to move, or the vehicle to accelerate suddenly if the accelerator pedal is accidentally depressed. Also, when leaving the vehicle, make sure to turn off the hybrid system and lock the vehicle.
  Sound or shuddering may not be noticed even when the hybrid vehicle is ready to drive (when the “READY” indicator is illuminated).
- Do not leave glasses, cigarette lighters, spray cans, or soft drink cans in the vehicle when it is in the sun.
  Doing so may result in the following:
  - Gas may leak from a cigarette lighter or spray can, and may lead to a fire.
  - The temperature inside the vehicle may cause the plastic lenses and plastic material of glasses to deform or crack.
  - Soft drink cans may fracture, causing the contents to spray over the interior of the vehicle, and may also cause a short circuit in the vehicle’s electrical components.
- Do not leave cigarette lighters in the vehicle. If a cigarette lighter is in a place such as the glove box or on the floor, it may be lit accidentally when luggage is loaded or the seat is adjusted, causing a fire.
- Do not attach adhesive discs to the windshield or windows. Do not place containers such as air fresheners on the instrument panel or dashboard. Adhesive discs or containers may act as lenses, causing a fire in the vehicle.

CAUTION

- 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.
- Do not touch the exhaust pipe while the hybrid system is operating or immediately after turning the hybrid system off.
  Doing so may cause burns.
- Do not leave the hybrid system operating in an area with snow build-up, or where it is snowing. If snowbanks build up around the vehicle while the hybrid system is operating, exhaust gases may collect and enter the vehicle. This may lead to death or a serious health hazard.

Exhaust gases

Exhaust gases include harmful carbon monoxide (CO), which is colorless and odorless. Inhaling exhaust gases may lead to death or a serious health hazard.

- If the vehicle is in a poorly ventilated area, stop the hybrid system. In a closed area, such as a garage, exhaust gases may collect and enter the vehicle. This may lead to death or a serious health hazard.
- The exhaust system should be checked occasionally. If there is a hole or crack caused by corrosion, damage to a joint or abnormal exhaust noise, be sure to have the vehicle inspected and repaired by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. Failure to do so may allow exhaust gases to enter the vehicle, resulting in death or a serious health hazard.

CAUTION

When taking a nap in the vehicle

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

When braking

- When the brakes are wet, drive more cautiously.
  Braking distance increases when the brakes are wet, and this may cause one side of the vehicle to brake differently than the other side. Also, the parking brake may not securely hold the vehicle.
- If the electronically controlled assist function does not operate, do not follow other vehicles closely and avoid downhill or sharp turns that require braking.
  In this case, braking is still possible, but the brake pedal should be depressed more firmly than usual. Also, the braking distance will increase.
- The brake system consists of 2 individual hydraulic systems; if one of the systems fails, the others will still operate. In this case, the brake pedal should be depressed more firmly than usual and the braking distance will increase. If this happens, do not continue to drive the vehicle. If the brake system warning light (red indicator) comes on while driving, immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

NOTICE

When driving the vehicle

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

Avoiding damage to vehicle parts

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

If you get a flat tire while driving

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

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

Information on what to do in case of a flat tire. (→P. 509, 524)

NOTICE

When encountering flooded roads

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

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

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

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

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

Performing the following operations when carrying the electronic key on your person starts the hybrid system or changes "POWER" switch modes.

■ Starting the hybrid system

STEP 1 Check that the parking brake is set.

STEP 2 Firmly depress the brake pedal.

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

When the shift position is N, the hybrid system cannot start. Shift the shift position to P when starting the hybrid system. (→P. 219)

STEP 3



Press the "POWER" switch.

The hybrid system can be started from any "POWER" switch mode.

Continue depressing the brake pedal until the hybrid system is completely started.

STEP 4 Check that the “READY” indicator is on.

If the “READY” indicator changes from a flashing light to a solid light and the buzzer sounds, the hybrid system is starting normally.

The vehicle will not move when the “READY” indicator is off.

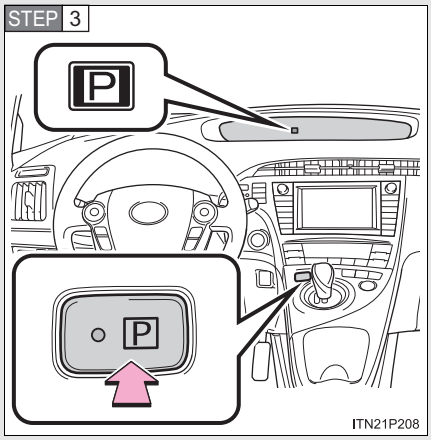
The vehicle can move when the “READY” indicator is on even if the engine is stopped. (The gasoline engine starts or stops automatically in accordance with the state of the vehicle.)

■ Stopping the hybrid system

STEP 1 Stop the vehicle completely.

STEP 2 Set the parking brake. (→P. 226)

STEP 3



Shift the shift position to P. (→P. 219)

Check that the shift position indicator shows P. (→P. 216)

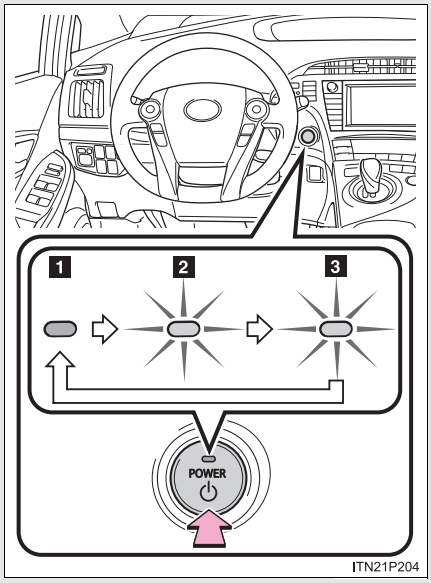
STEP 4 Press the “POWER” switch.

The hybrid system will stop.

STEP 5 Slowly release the brake pedal and check that the indicator on the “POWER” switch is off.

■ **Changing “POWER” switch modes**

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



1 Off

The emergency flashers can be used.

2 ACCESSORY mode

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

The “POWER” switch indicator turns amber.

3 ON mode

All electrical components can be used.

The “POWER” switch indicator turns amber.

■ **Auto power off function**

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

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

→P. 42

■ **Electronic key battery depletion**

→P. 86

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

The “READY” indicator may flash for a long time when the hybrid system is starting. Driving will become possible once the “READY” indicator has illuminated. Wait until the “READY” indicator has illuminated.

■ **Conditions affecting operation**

→P. 82

■ **Notes for the entry function**

→P. 83

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

The immobilizer system may not have been deactivated. (→P. 137)
Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **When the “POWER” switch indicator flashes in amber**

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

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

If the “READY” indicator does not come on when you press the “POWER” switch with the shift position in P and the brake pedal depressed, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

■ **If the hybrid system is malfunctioning**

→P. 487

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

→P. 445

■ **Operation of the “POWER” switch**

- When operating the “POWER” switch, one short, firm press is enough. If the switch is pressed improperly, the hybrid system may not start or the “POWER” switch mode may not change. It is not necessary to press and hold the switch.
- If attempting to restart the hybrid system immediately after turning the “POWER” switch off, the hybrid system may not start in some cases. After turning the “POWER” switch off, please wait a few seconds before restarting the hybrid system.

■ **Automatically P position selection function**

→P. 221

■ **When the P position control system malfunctions**

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

■ **Ending display**

When the “POWER” switch is turned off, each of the following will be displayed on the multi-information display, and will extinguish after approximately 30 seconds.

- The driving distance, driving time, consumption and eco savings since the hybrid system was started.
- The odometer/trip meter
- The clock

⚠ CAUTION

■ **When starting the hybrid system**

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

■ **Stopping the hybrid system in an emergency**

If you want to stop the hybrid system in an emergency while driving the vehicle, press and hold the “POWER” switch for more than 3 seconds, or press it briefly 3 times or more in succession. (→P. 566)
However, do not touch the “POWER” switch while driving except in an emergency. Turning the hybrid system off while driving will not cause loss of steering or braking control, but the power assist to these systems will be lost. This will make it more difficult to steer and brake, so you should pull over and stop the vehicle as soon as it is safe to do so.

NOTICE

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

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

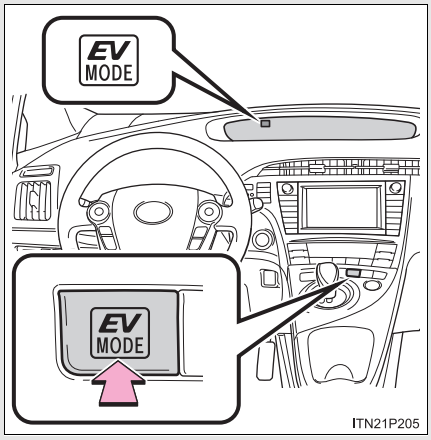
■ **Symptoms indicating a malfunction with the “POWER” switch**

If the “POWER” switch seems to be operating somewhat differently than usual, such as the switch sticking slightly, there may be a malfunction. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

EV drive mode

In EV drive mode, the electric motor (traction motor), powered by the hybrid battery (traction battery), is used to drive the vehicle.

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



Turns EV drive mode on/off

When EV drive mode is turned on, the EV drive mode indicator will come on.

Pressing the switch when in EV drive mode will return the vehicle to normal driving (using the gasoline engine and electric motor [traction motor]).

■ **Situations in which EV drive mode cannot be turned on**

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

- The temperature of the hybrid system is high.
  The vehicle has been left in the sun, driven on a hill, driven at high speeds, etc.
- The temperature of the hybrid system is low.
  The vehicle has been left in temperatures lower than about 0 °C (32 °F) for a long period of time etc.
- The gasoline engine is warming up.
- The hybrid battery (traction battery) is low.
  When the amount of remaining hybrid battery (traction battery) charge displayed on the meter is low. (→P. 50)
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill etc.
- The windshield defogger is in use.

*: Depending on the circumstances, EV drive mode may also not be switched to in situations other than those above.

■ **Switching to EV drive mode when the gasoline engine is cold**

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

■ **Automatic cancelation of EV drive mode**

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

- The hybrid battery (traction battery) becomes low.
- Vehicle speed becomes high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill etc.

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

In EV drive mode, it is possible to drive up to about 2 km (1.3 mile) if driving at a speed of about 45 km/h (28 mph) or less. (The distance that is possible depends on the hybrid battery [traction battery] level and driving conditions.)

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

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

■ **Fuel economy**

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

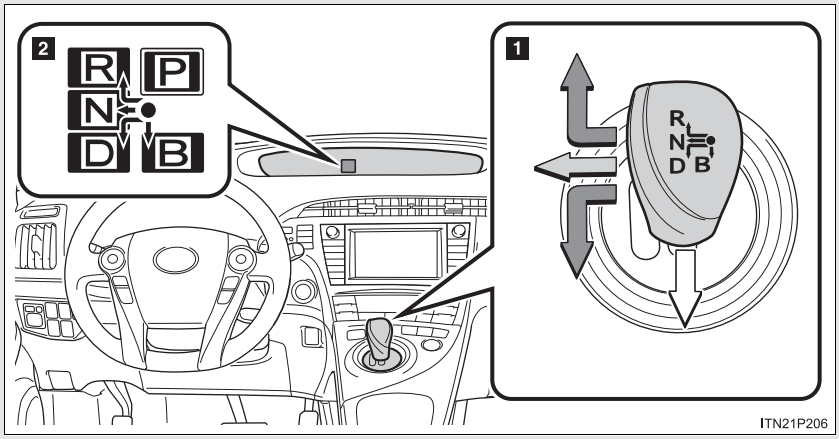
⚠ CAUTION

■ **While driving**

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

Select a shift position appropriate for the driving conditions.

■ Shifting the shift lever



1 Shift lever

Operate the shift lever gently and ensure correct shifting operation.

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

To shift to the N position, slide the shift lever to the left and hold it. The shift position will change to N.

Shifting to B is only possible when shift position D is selected.

The shift lever will always return to this original position after a shifting operation.

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

2 Shift position indicator

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

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

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

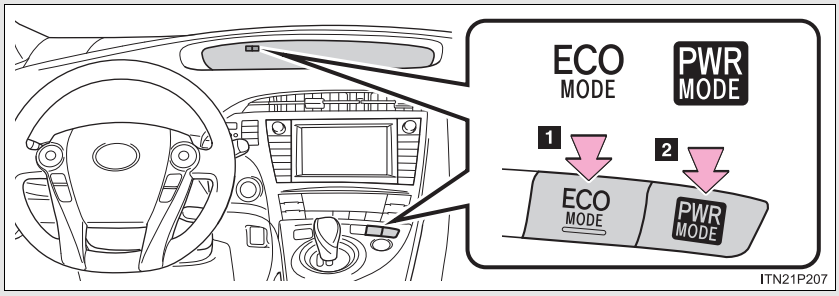
■ Shift position purpose

Shift position	Function
P	Parking the vehicle/starting the hybrid system
R	Reversing
N	Neutral
D	Normal driving*
B	Applying moderate engine braking when driving down hills or on steep slopes

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

■ **Selecting a driving mode**

The following modes can be selected to suit driving conditions:



1 Eco drive mode

Suitable for improving the fuel economy, because the torque corresponding to the accelerator pedal depression amount can be generated more smoothly than it is in normal conditions and the operation of the air conditioning system (heating/cooling) will be minimized.

When the “ECO MODE” switch is pressed, the “ECO MODE” indicator comes on.

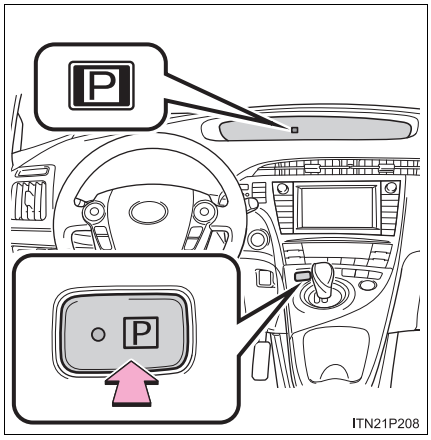
2 Power mode

Use when high levels of response and feeling are desirable, such as when driving in mountainous regions or when overtaking.

When the power mode switch is pressed, the power mode indicator comes on.

P position switch

When shifting the shift position to P



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

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

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

Shifting the shift position from P to other positions

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

■ **Operation of the air conditioning system in Eco drive mode**

Eco drive mode controls the heating/cooling operations and fan speed of the air conditioning system to enhance fuel efficiency. (→P. 218) To improve air conditioning performance, adjust the fan speed and temperature or turn off Eco drive mode.

■ **For the shift positions**

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

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

- Situations where the shifting operation will be disabled:
  - When an attempt is made to change the shift position from P to another position by moving the shift lever without depressing the brake pedal.
  - When an attempt is made to change the shift position from P or N to B by moving the shift lever.

● Situations where the shift position will automatically change to N:

- When the P position switch is pressed while the vehicle is running.*1
- When an attempt is made to select the R position by moving the shift lever when the vehicle is moving forward.*2
- When an attempt is made to select the D position by moving the shift lever when the vehicle is moving in reverse.*3
- When an attempt is made to change the shift position from R to B by moving the shift lever.

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

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

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

■ **Reverse warning buzzer**

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

■ **Automatically P position selection function**

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

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

There is a possibility that the 12-volt battery is discharged. Check the 12-volt battery in this situation. (→P. 553)

■ **About engine braking**

When shift position B is selected, releasing the accelerator pedal will apply engine braking.

- When the vehicle is driven at high speeds, compared to ordinary gasoline-fueled vehicles, the engine braking deceleration is felt less than that of other vehicles.
- The vehicle can be accelerated even when shift position B is selected.

If the vehicle is driven continuously in the B position, fuel efficiency will become low. Usually, shift the shift position to D.

■ **When driving with cruise control or radar cruise control activated**

Even if switching the driving mode to power mode with the intent of enabling engine braking, engine braking will not activate because cruise control or radar cruise control will not be canceled.

■ **When canceling Eco drive mode/power mode**

- Press the switch again. Also, power mode will be canceled automatically when the “POWER” switch is turned off. However, Eco drive mode will not be canceled automatically until the switch is pressed, even if the “POWER” switch is turned off.
- When in Eco drive mode, if the power mode switch is pressed or the operation is reversed, the mode will switch to that of the last switch to be pressed.

■ **Switching the drive mode when in EV drive mode**

→P. 215

■ **After recharging/reconnecting the 12-volt battery**

→P. 428

■ **Customization**

Settings (e.g. Reverse warning buzzer) can be changed.
(Customizable features →P. 583)

⚠ CAUTION

■ **When driving on slippery road surfaces**

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

■ **For the shift lever**

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

■ **P position switch**

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

NOTICE

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

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

■ **Situations where P position control system malfunctions are possible**

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

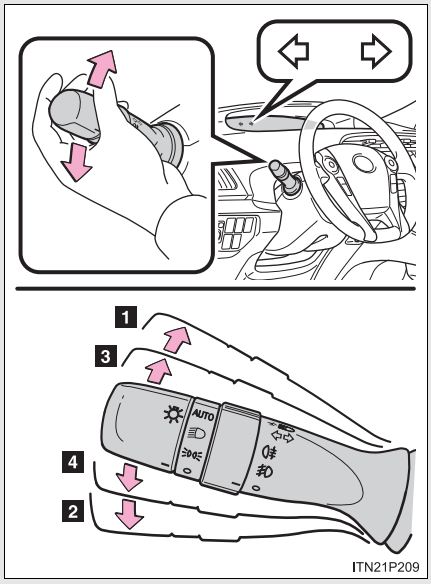
- When the “P LOCK MALFUNCTION” warning message appears on the multi-information display. (→P. 495)
- When the shift position indicator remains off.

■ **Notes regarding shift lever and P position switch operation**

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

Turn signal lever

The turn signal lever can be used to show the following intention of the driver:



1 Right turn

2 Left turn

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

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

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

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

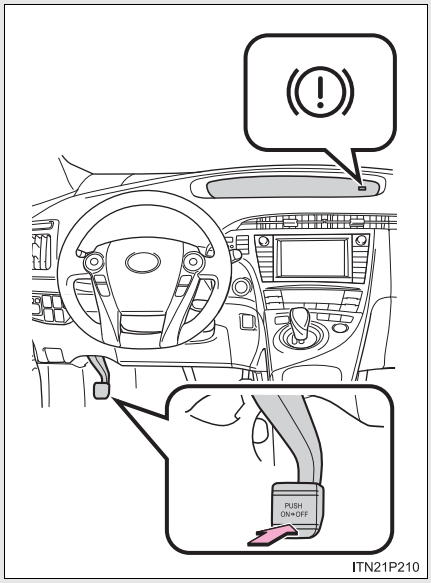
■ **Turn signals can be operated when**

The “POWER” switch is in ON mode.

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

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

Parking brake



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

■ **Parking brake engaged warning buzzer**

→P. 485

■ **Usage in winter time**

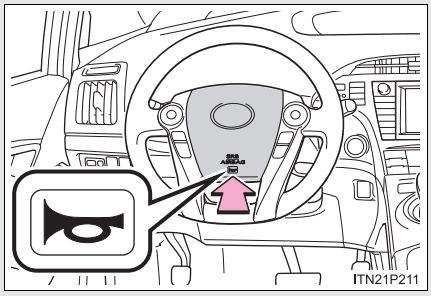
→P. 330

⚠ NOTICE

■ **Before driving**

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

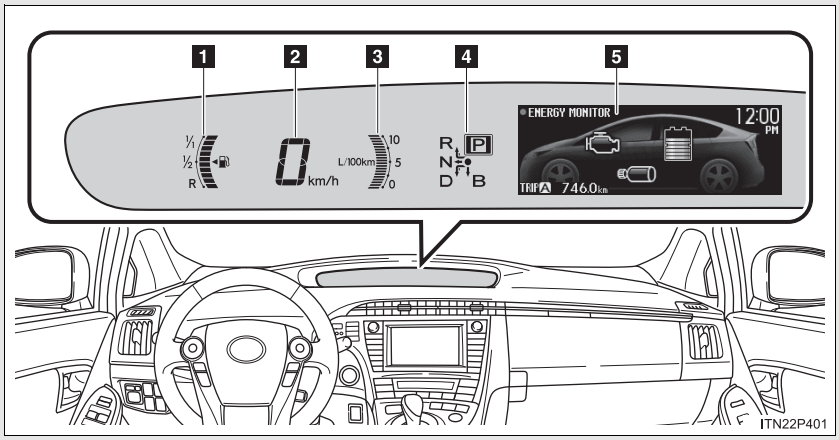
Horn



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

■ **After adjusting the steering wheel**

Make sure that the steering wheel is securely locked.
The horn may not sound if the steering wheel is not securely locked.
(→P. 118)



The following gauges and meters and display illuminate when the "POWER" switch is in ON mode:

1 Fuel gauge

Displays the quantity of fuel remaining in the tank.

2 Speedometer

Displays the vehicle speed.

3 Instantaneous fuel consumption

Displays the current rate of fuel consumption.

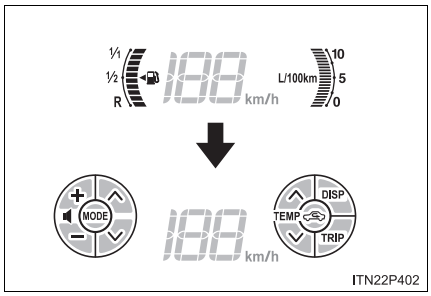
4 Shift position indicators

Displays the shift position.

5 Multi-information display

Presents the driver with a variety of driving-related data. (→P. 238)

Touch tracer display (if equipped)



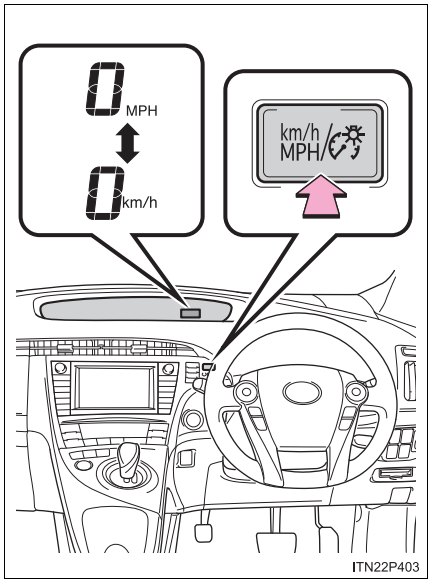
When the audio control switches, climate control switches, “DISP” button or “TRIP” button of the steering wheel are touched, the touch tracer display will appear in front of the gauges, with the touched button highlighted to allow the driver to identify the button that is being operated.

The button can then be operated by further presses.

If an audio/navigation system is used that is not compatible with the steering switches in this vehicle, the audio switch display may not operate correctly.

MPH or km/h button (if equipped)

The speed units can be selected MPH or km/h.

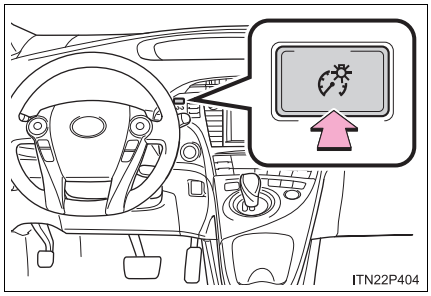


Press the button to switch the display between MPH and km/h.

Instrument cluster light control

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

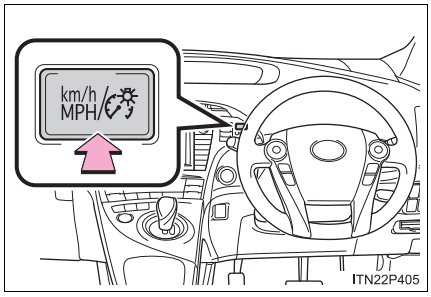
Type A



The brightness will change by 3 steps each time the button is pressed.

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

Type B



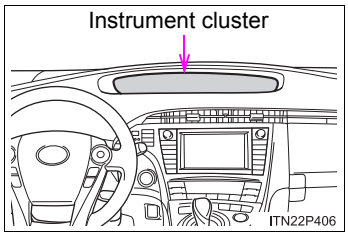
The brightness will change by 4 steps each time the button is pressed.

■ **Brightness of the instrument panel light**

If the headlight switch is turned on while the surrounding area is dark, the instrument panel lights will dim.

CAUTION

■ **To prevent an accident**



Do not place anything or attach a sticker in front of the instrument cluster. The item may obscure or obstruct the display, or could reflect off the display, possibly causing an accident.

NOTICE

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

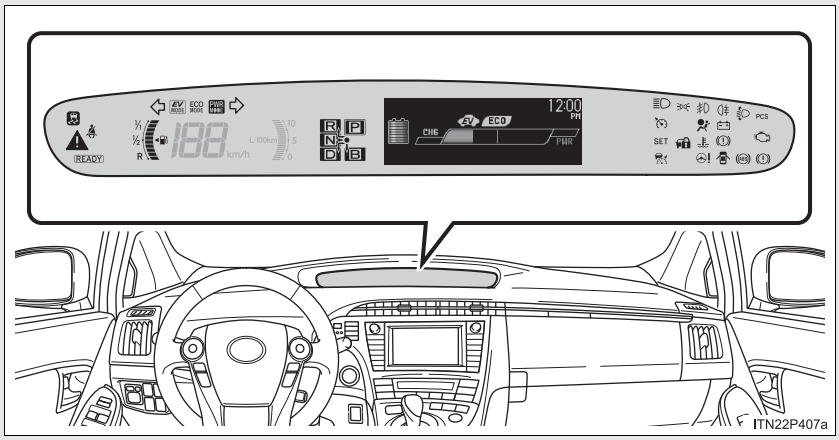
The engine may be overheating if the high coolant temperature warning light comes on or flashes. In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P. 559)

Indicators and warning lights

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

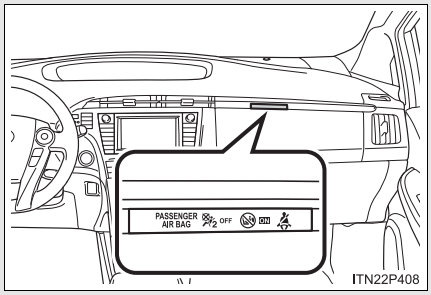
For the purpose of explanation, the following illustration displays all indicators and warning lights illuminated.

Instrument cluster



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

Instrument panel



■ Indicators

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


Turn signal indicator (→P. 225)


Tail light indicator (→P. 265)


Headlight high beam indicator (→P. 267)


Front fog light indicator (→P. 270)


Rear fog light indicator (→ P. 270)


Security indicator (→P. 137, 144)


"READY" indicator (→P. 206)


Eco Driving Indicator Light (→P. 239)


"ECO MODE" indicator (→P. 218)


Power mode indicator (→P. 218)


(if equipped)
Cruise control indicator (→P. 288, 293)


(if equipped)
Radar cruise control indicator (→P. 293)


(if equipped)
"SET" indicator (→P. 288, 293)


*1, 2
Slip indicator (→P. 312, 316)


EV indicator (→P. 239)



EV drive mode indicator (→P. 213)

*1, 3



(if equipped)

"PCS" warning (→P. 320)



Shift position indicators (→P. 216)



"PASSENGER AIR BAG" indicator (→P. 167)

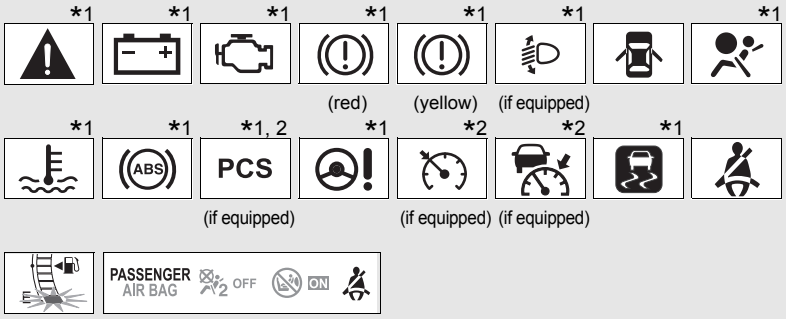
*1: These lights turn on when the "POWER" switch is turned to the ON mode to indicate that a system check is being performed. They will turn off after the hybrid system is on, or after a few seconds. There may be a malfunction in a system if a light does not come on, or if the lights do not turn off. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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

*3: The light comes on when the system is turned off. The light flashes faster than usual to indicate that the system is operating.

Warning lights

Warning lights inform the driver of malfunctions in any of the vehicle's systems. (→P. 485)



*1: These lights turn on when the "POWER" switch is turned to ON mode to indicate that a system check is being performed. They will turn off after the hybrid system is on, or after a few seconds. There may be a malfunction in a system if a light does not come on, or if the lights do not turn off. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

*2: The light flashes to indicate a malfunction.

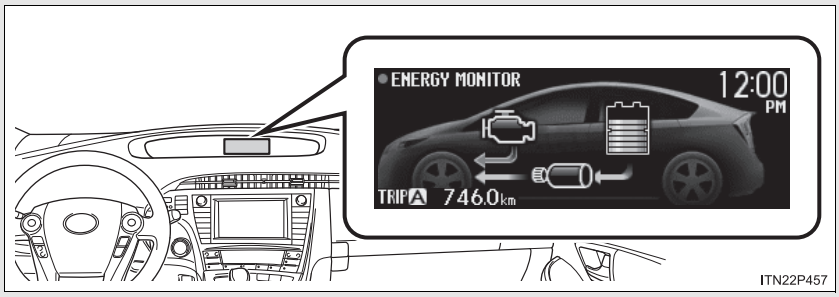
CAUTION

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

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

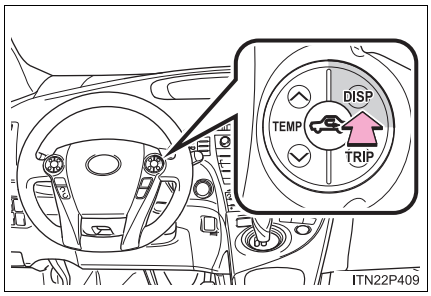
Multi-information display

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



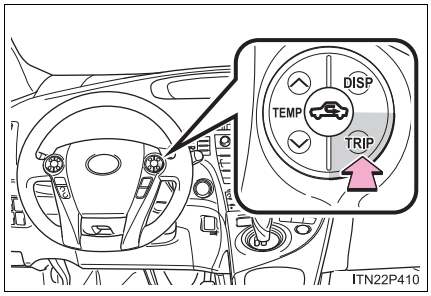
- Energy monitor (→P. 50)
- Hybrid System Indicator (→P. 239)
- 5-minute/1-minute fuel consumption (→P. 59)
- Monthly fuel consumption record/eco savings record (→P. 61)
- Odometer/trip meter/distance to empty (→P. 243)
- Clock (→P. 245)
- Calendar (→P. 245)
- Dynamic radar cruise control display (if equipped) (→P. 293)
- Warning messages (→P. 493)

Switching the display



To switch the display, press “DISP” button.

On vehicles with touch tracer display, the steering switches operation status is displayed on the instrument cluster for confirmation purposes. (→P. 229)

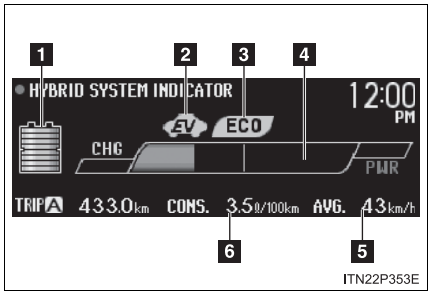


To switch the odometer, trip meter and distance to empty, press “TRIP” button.

Hybrid System Indicator

Hybrid System Indicator displays the hybrid system operating condition and provides Eco-friendly driving assistance in accordance with the driving conditions and the acceleration.

■ Names and meaning of each icons



1 Hybrid battery (traction battery) status (→P. 55)

2 EV indicator

The EV indicator comes on when driving the vehicle using only the electric motor (traction motor).

3 Eco Driving Indicator Light

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

4 Hybrid System Indicator

Refer to “Reading Hybrid System Indicator” below.

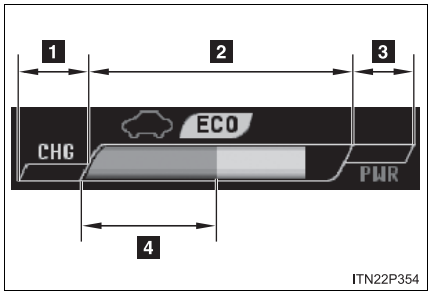
5 Average speed*

6 Average fuel consumption/eco savings*

Use the displayed average fuel consumption as a reference.

*: The current amount since the trip meter was reset will be displayed. These functions can be reset by pressing and holding the “TRIP” button.
The display can be switched between average fuel consumption/average speed and eco savings. (→P. 247)

■ Reading Hybrid System Indicator



1 Charge area
2 Eco area
3 Power area
4 Hybrid Eco area

As shown below, the driving conditions of the vehicle can be confirmed by checking the status of the indicator bar.

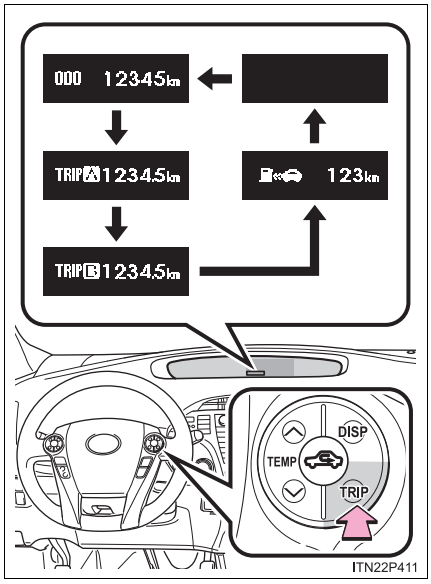
	Hybrid System Indicator*1
Charge area: Shows regenerative charging. (→P. 40)	
Hybrid Eco area: Shows that gasoline engine power is not being used very often.*2	
Eco area: Shows that the vehicle is driven in Eco-friendly.	
Power area: Shows that the driving power is more than the upper limit of Eco driving (during full power driving etc.).	

*1: The images are examples only, and may vary slightly from actual conditions.

*2: The gasoline engine will automatically stop and restart under various conditions.

Odometer/trip meter/distance to empty

Switching the display



The display changes as follows each time the “TRIP” button is pressed. Also, if the button is kept pressed down while the trip meter is being displayed, the trip meter will be reset to 0.

■ **Display items**

● Odometer



Displays the total distance the vehicle has been driven.

● Trip meter



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

● Distance to empty

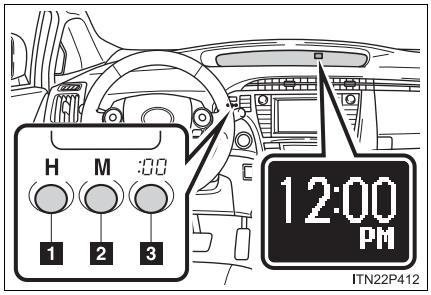


Displays the estimated maximum distance that can be driven with the quantity of fuel remaining.

- This distance is computed based on your average fuel consumption. As a result, the actual distance that can be driven may differ from that displayed.
- When only a small amount of fuel is added to the tank, the display may not be updated.
  When refueling, turn the “POWER” switch off. If the vehicle is refueled without turning the “POWER” switch off, the display may not be updated.

Clock

The clock can be adjusted by pressing the buttons.



1 Adjust hours.
2 Adjust minutes.
3 Round the nearest hour.*

*: e.g. 1:00 to 1:29 → 1:00
1:30 to 1:59 → 2:00

Setting up the displays



Press the “DISP” button until the “SETTINGS” screen appears.

Calendar will be displayed.

STEP 2 While the vehicle is stopped, press and hold the “DISP” button until the screen changes.

The selected item will change each time the “DISP” button is pressed.

■ Setting the gasoline price

STEP 1



ITN22P429Ea

Select “PETROL PRICE”.

Press and hold the “DISP” button to enter the setting mode.

STEP 2



ITN22P430E

Select gasoline price by pressing the “DISP” or “TRIP” button.

Press and hold the button to change the amount continuously.
If neither button is operated for approximately 5 seconds, the setting will be changed and the screen will return to the previous display.

■ **Switching the fuel consumption display**

STEP 1



ITN22P431Ea

Select “FUEL CONSU. DISP.”.

Press and hold the “DISP” button to enter the setting mode.

STEP 2



ITN22P432u

Select “CONSUMP.” or “ECO SAVINGS”.

Press and hold the “DISP” button to finish setting.

■ Setting the comparison consumption

STEP 1



ITN22P433Ea

Select “COMP. CONSUMPTION”.

Press and hold the “DISP” button to enter the setting mode.

STEP 2



ITN22P434E

Select the comparison consumption by pressing the “DISP” or “TRIP” button.

Press and hold the button to change the amount continuously.
If neither button is operated for approximately 5 seconds, the setting will be changed and the screen will return to the previous display.

■ Setting the calendar

STEP 1



ITN22P435Ea

Select “CALENDAR”.

Press and hold the “DISP” button to enter the setting mode.

STEP 2



ITN22P436u

Select the date by pressing the “DISP” or “TRIP” button.

Press and hold the button to change the date continuously.
If neither button is operated for approximately 5 seconds, the setting will be changed and the screen will return to the previous display.

■ **Switching the EV indicator and Eco Driving Indicator Light activated or deactivated**

STEP 1



ITN22P437Ua

Select “EV/ECO”.

Press and hold the “DISP” button to enter the setting mode.

STEP 2



ITN22P438

Select “ON” or “OFF”.

Press and hold the “DISP” button to finish setting.

■ **Switching the steering switch operation display on/off (if equipped)**

STEP 1



ITN22P439Ua

Select “STEERING SWITCH”.

Press and hold the “DISP” button to enter the setting mode.

STEP 2



ITN22P438

Select “ON” or “OFF”.

Press and hold the “DISP” button to finish setting.

■ Selecting 12h/24h clock display

STEP 1



ITN22P440Ua

Select “CLOCK”.

Press and hold the “DISP” button to enter the setting mode.

STEP 2



ITN22P441

Select “12h” or “24h”.

Press and hold the “DISP” button to finish setting.

■ **Selecting the language**

STEP 1



ITN22P442Ua

Select “LANGUAGE”.

Press and hold the “DISP” button to enter the setting mode.

STEP 2



ITN22P443E

Select the language you want to read.

Press and hold the “DISP” button to set the language.

■ Turning off the multi-information display

STEP 1



ITN22P444Ua

Select “SCREEN OFF”.

Press and hold the “DISP” button to enter the setting mode.

STEP 2



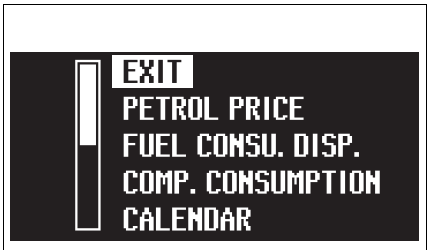
ITN22P438

Select “OFF”.

Press and hold the “DISP” button to turn off the multi-information display.

To re-display the multi-information display, press the “DISP” button to display the “SETTINGS” screen and follow the same procedure, selecting “ON” instead of “OFF”.

■ Returning to the previous screen

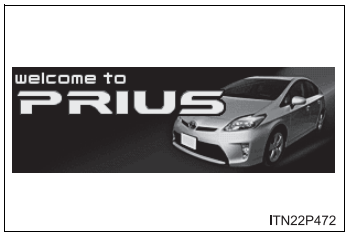


ITN22P445Ea

Select “EXIT” and press and hold the “DISP” button.

The screen will revert to the “SETTINGS” screen.

■ **System check display**



After switching the “POWER” switch to ON mode, “welcome to PRIUS” is displayed while system operation is checked. When the system check is complete, the normal screen will return.

■ **Ending display**

→P. 211

■ **Eco Driving Indicator Light**

Eco Driving Indicator Light will turn on when driving power is lower than the upper limit of Eco driving. It will turn off when the acceleration exceeds the Eco driving accelerator upper limit or when the vehicle is stopped.

Eco Driving Indicator Light will not operate in the following conditions:

- The shift position is anything other than D.
- The driving mode is set to power mode or EV drive mode. (→P. 213, 218)
- The vehicle speed is approximately 130 km/h (80 mph) or higher.

Eco Driving Indicator Light is also displayed when 5-minute consumption, 1-minute consumption, monthly fuel consumption record or eco savings record is displayed.

Eco Driving Indicator Light can be set to activated or deactivated. (→P. 250)

■ **Driving in Eco drive mode**

The multi-information display will automatically switch the display to Hybrid System Indicator, regardless of which display is currently being shown.
(→P. 239)

■ **Touch tracer display (if equipped)**

- The touch tracer display can be set to not display even if the steering switches are touched.
- Only the circular, rubber-covered switches have a built-in touch sensor. Touching any of the other switches will not display the touch tracer display.

■ **Display settings can be changed when**

The vehicle speed is less than approximately 8 km/h (5 mph).

■ **Engine speed**

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

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

The following data will be reset.

- Average fuel consumption
- Distance to empty
- Average vehicle speed
- Clock
- Display settings
- Trip meter

Vacuum fluorescent display

Small spots or light spots may appear on the display. This phenomenon is characteristic of vacuum fluorescent displays, and there is no problem to continue using the display.

NOTICE

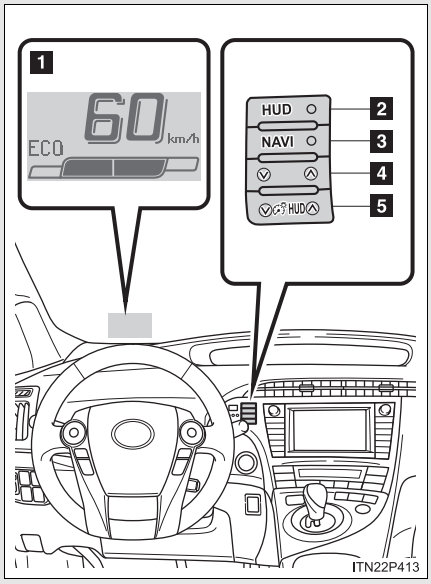
Steering switches

To prevent damage to the steering switches, observe the following precautions.

- Do not touch the steering switches with wet hands
- Do not push hard or sharp objects into the steering switches
- Do not subject the steering switches to strong impacts
- Do not allow organic solvents containing thinner, benzene or gasoline, or acidic/alkaline soap to adhere to the surfaces of the steering switches

Head-up display

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



1 Head-up display

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

2 HUD (Head-up display) main switch

3 Turn-by-turn navigation switch (if equipped)

4 Display position adjustment switch

5 Display brightness adjustment switch

Used to adjust the display brightness to the desired level.

■ **Head-up display contents**

- Speedometer

  Displays the vehicle speed.

- Hybrid System Indicator

  Provides assistance for Eco-friendly driving.

- Turn-by-turn navigation*

  Displays a notification of upcoming intersections during navigation system route guidance. (→P. 262)

- Dynamic radar cruise control*

  Indicates that there is a possibility of collision. (→P. 293)

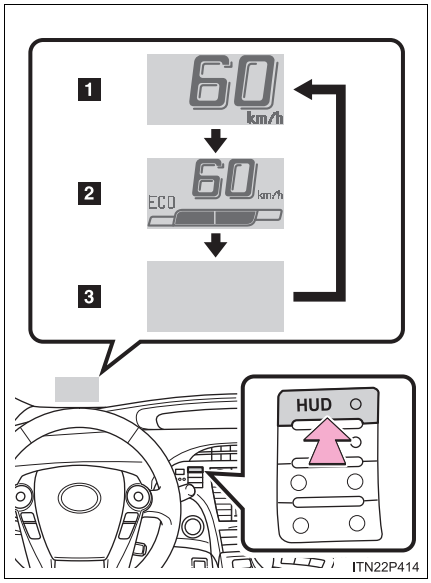
- PCS (Pre-Crash Safety System)*

  Displays the approach warning. (→P. 319)

*: If equipped

Switching the head-up display

Display items can be switched by pressing the “HUD” main switch.



1 Speedometer

Displays the vehicle speed.

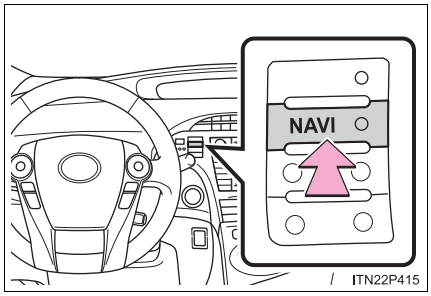
2 Speedometer and Hybrid System Indicator

Displays Hybrid System Indicator under the speedometer.
(→P. 239)

3 Off

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

Switching the turn-by-turn navigation display (if equipped)



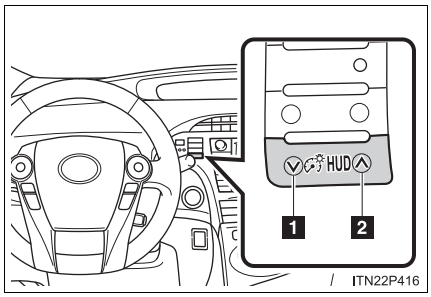
On/off

When on, the indicator light on the “NAVI” button comes on.

Setting up the display

Setting the brightness

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

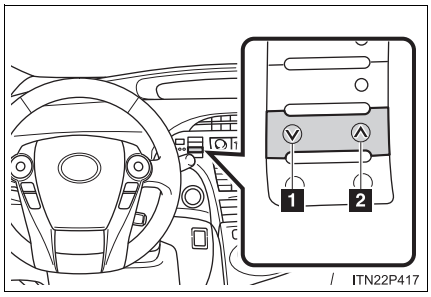


1 Darker

2 Brighter

The brightness can be manually adjusted in 5 stages.

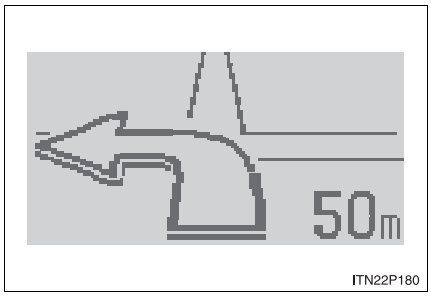
Adjusting the display position



1 Lower

2 Higher

Turn-by-turn navigation display (if equipped)



When the vehicle approaches an intersection, the direction the vehicle should go is guided by the arrow.

When the vehicle approaches an intersection, the route guidance will start and the distance* to the intersection will also be displayed.

*: The distance decreases in increments of 50 m (164 ft.) and the distance indication will disappear when the vehicle passes through the intersection.

System check display

When the “POWER” switch is turned OFF while the head-up display is on, and is then turned again to ON mode, “welcome to PRIUS” is displayed while system operation is checked. When the system check is complete, the normal screen will return.

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

When the highest level of brightness has been reached, the display can be made even brighter by pressing and holding "∧" on the brightness control button.
Pressing "∨" on the brightness control button or turning the "POWER" switch off will cause the brightness level to revert to the original level.

■ **Display speed setting function**

The speedometer can be set to display only when a desired vehicle speed is reached.

STEP 1 Press and hold the "HUD" main switch while the vehicle is stopped and while the head-up display is showing only the speedometer.

The speedometer will begin to flash.

STEP 2 Set the desired display speed on the speedometer by pressing "∧" and "∨" on the display position adjustment button.

Press "∧" to raise the speed and "∨" to lower. The speed will change by 1 km/h (0.6 mph) each time the button is pressed, and continuously by 10 km/h (6 mph) when the button is pressed and held.

STEP 3 Press and hold the "HUD" main switch to finish setting.

■ **Head-up display**

The head-up display may seem dark and hard to see when viewed through sunglasses, especially polarized sunglasses.
Adjust the brightness of the head-up display or remove your sunglasses.

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

The head-up display settings will be reset.

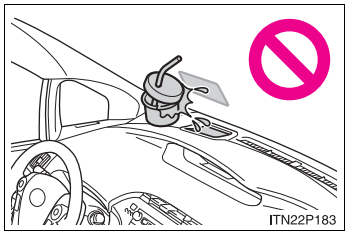
CAUTION

■ Before using the head-up display

Check that the position and brightness of the head-up display image does not interfere with safe driving. Incorrect adjustment of the image's position or brightness may obstruct the driver's view and lead to an accident, resulting in death or serious injury.

NOTICE

■ To prevent damage to the components



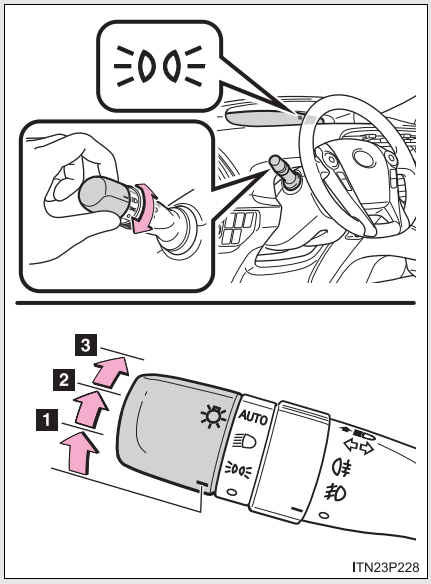
If an object falls into the opening of the head-up display, remove it immediately. Also, avoid spilling water or other liquids near the head-up display opening as this may cause mechanical damage.

Headlight switch

The headlights can be operated manually or automatically.

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

Type A

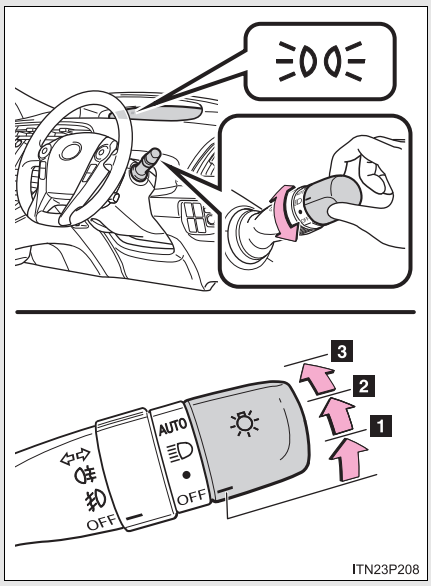


1 The front position, tail, license plate and instrument panel lights turn on.

2 The headlights and all the lights listed above turn on.

3 AUTO (if equipped) The headlights, front position lights and so on turn on and off automatically (when the “POWER” switch is in ON mode).

Type B

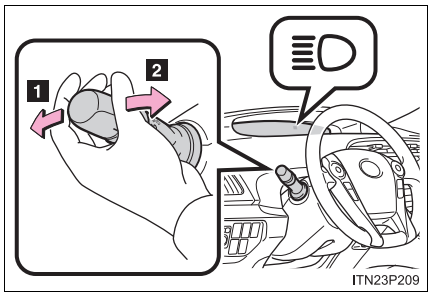


1 ● The front position, tail, license plate and instrument panel lights turn on.

2 The headlights and all the lights listed above turn on.

3 **AUTO** (if equipped) The headlights, front position lights and so on turn on and off automatically (when the “POWER” switch is in ON mode).

Turning on the high beam headlights



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

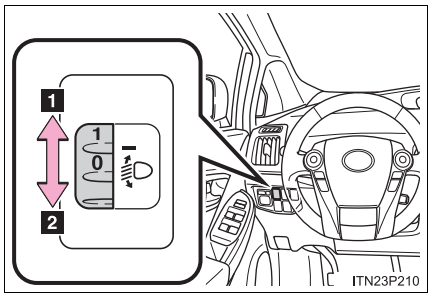
Pull the lever toward you to the center position to turn the high beams off.

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

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

Manual headlight leveling dial (if equipped)

The level of the headlights can be adjusted according to the number of passengers and the loading condition of the vehicle.



1 Raises the level of the headlights

2 Lowers the level of the headlights

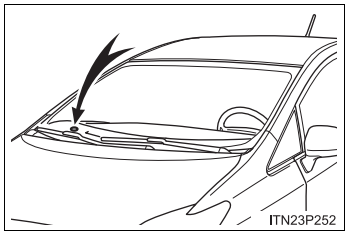
■ Guide to dial settings

Occupancy and luggage load conditions		Dial position
Occupants	Luggage load	
Driver	None	0
Driver and front passenger	None	0
All seats occupied	None	2
All seats occupied	Full luggage loading	2.5
Driver	Full luggage loading	4.5

■ Daytime running light system (if equipped)

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

■ Headlight control sensor (if equipped)



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

Air conditioning operation may also be interrupted.

■ **Automatic light off system**

- When the light switch is in the ● , , or position: The headlights turn off automatically if the “POWER” switch is turned to ACCESSORY mode or OFF.
- When the light switch is in the AUTO position: The headlights and all lights turn off automatically if the “POWER” switch is turned to ACCESSORY mode or OFF and the driver’s door is opened.

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

■ **Automatic headlight leveling system (if equipped)**

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

■ **Customization**

Settings (e.g. light sensor sensitivity) can be changed.
(Customizable features →P. 583)

⚠ NOTICE

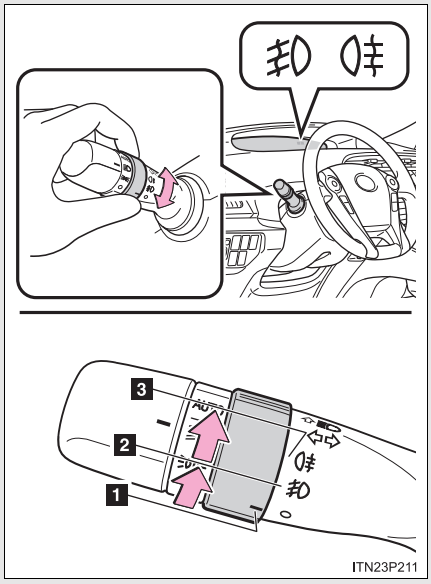
■ **To prevent 12-volt battery discharge**

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

Fog light switch*

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

Type A



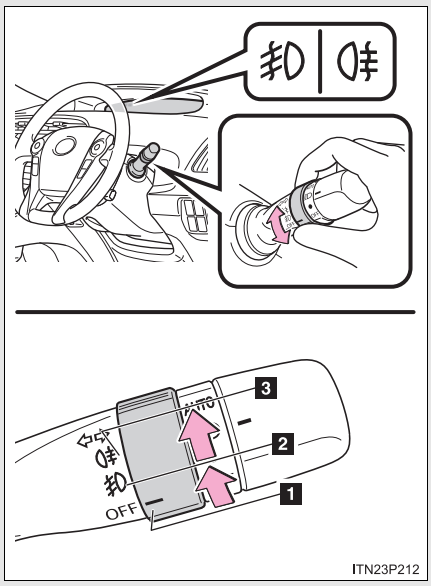
1. Turns the front and rear fog lights off
2. Turns the front fog lights on
3. Turns both front and rear fog lights on

   Releasing the switch returns the ring to the position.

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

*: If equipped

Type B



1 Turns the front and rear fog lights off

2 Turns the front fog lights on

3 Turns both front and rear fog lights on

Releasing the switch returns the ring to the position.

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

■ **Fog lights can be used when**

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

⚠ NOTICE

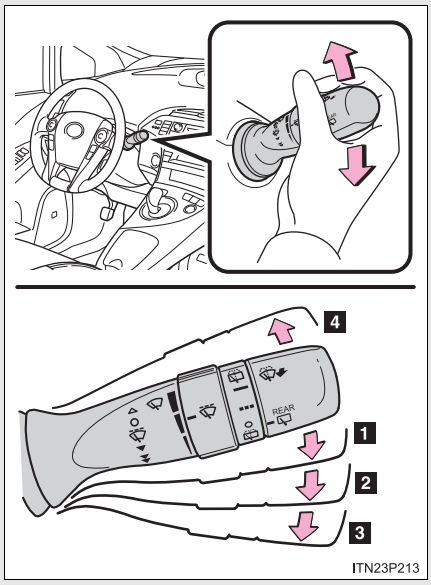
■ **To prevent 12-volt battery discharge**

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

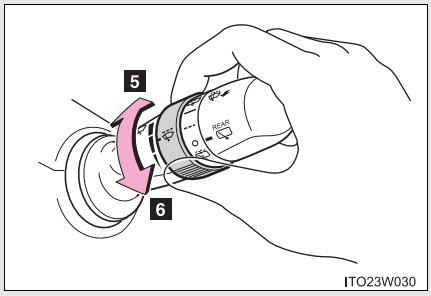
Windshield wipers and washer (type A)

Intermittent windshield wipers with interval adjuster (if equipped)

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

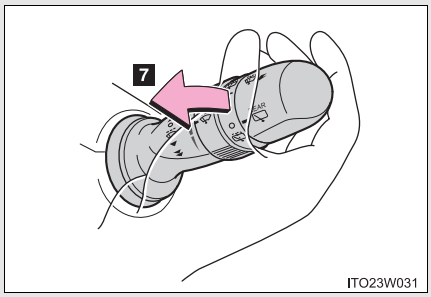


1 Intermittent wiper operation
2 Low speed wiper operation
3 High speed wiper operation
4 Temporary operation



5 Increases the intermittent windshield wiper frequency

6 Decreases the intermittent windshield wiper frequency



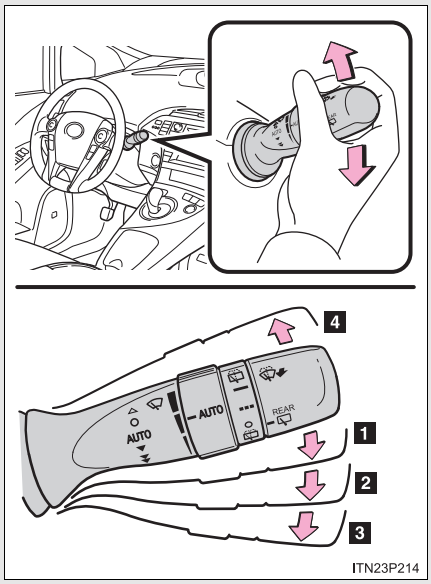
7 Washer/wiper dual operation

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

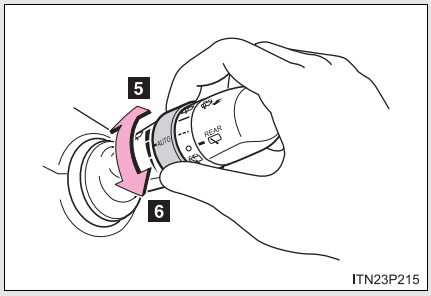
Rain-sensing windshield wipers (if equipped)

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

When “AUTO” is selected, the sensor sensitivity can be adjusted as follows by turning the switch ring:



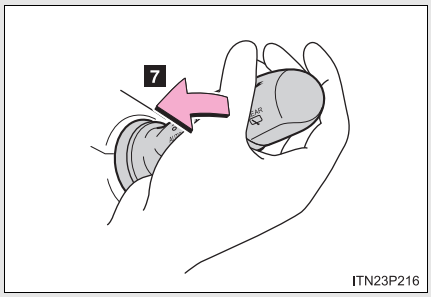
1 Rain-sensing wiper operation
2 Low speed wiper operation
3 High speed wiper operation
4 Temporary operation



ITN23P215

5 Increases the sensitivity

6 Decreases the sensitivity



ITN23P216

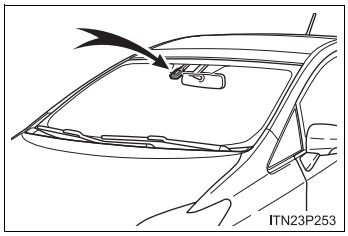
7 Washer/wiper dual operation

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

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

The “POWER” switch is in ON mode.

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



- The raindrop sensor judges the amount of raindrops.
- If the wiper switch is turned to the “AUTO” position while the “POWER” switch is in ON mode, the wiper will operate once to show that “AUTO” mode is activated.
- If the wiper sensitivity is adjusted to higher, the wiper may operate once to indicate the change of sensitivity.
- If the temperature of the rain drop sensor is 90 °C (194 °F) or higher, -15 °C (5 °F) or lower, the automatic operation may not occur. In this case, operate the wipers in any mode other than “AUTO”.

■ **If no windshield washer fluid sprays**

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

CAUTION

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

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

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

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

NOTICE

■ **When the windshield is dry**

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

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

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

■ **When a nozzle becomes blocked**

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

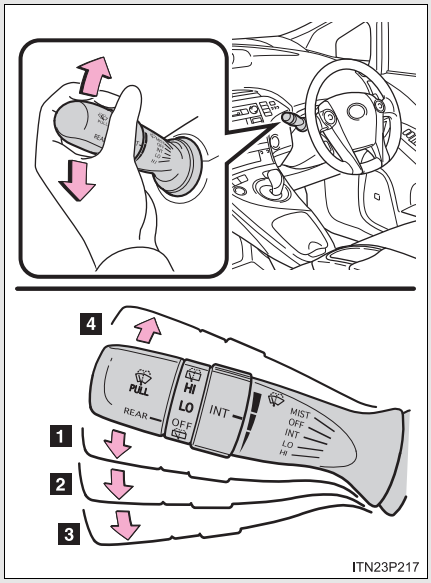
■ **To prevent 12-volt battery discharge**

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

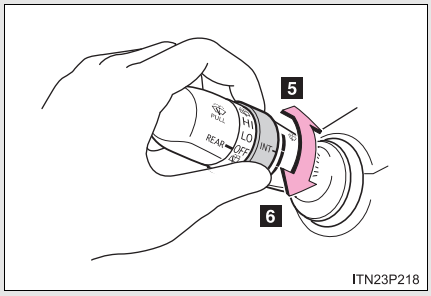
Windshield wipers and washer (type B)

Intermittent windshield wipers with interval adjuster (if equipped)

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

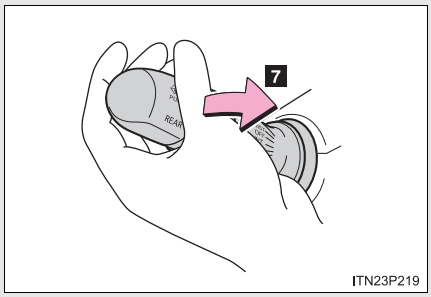


1 Intermittent wiper operation
2 Low speed wiper operation
3 High speed wiper operation
4 Temporary operation



5 Decreases the intermittent windshield wiper frequency

6 Increases the intermittent windshield wiper frequency



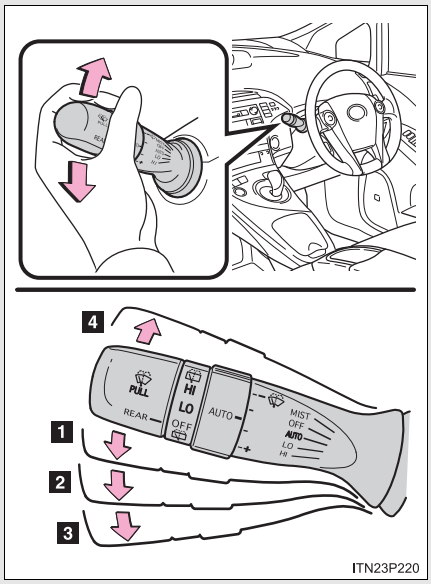
7 Washer/wiper dual operation

Wipers operate automatically.

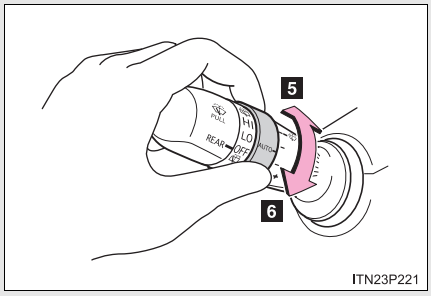
Rain-sensing windshield wipers (if equipped)

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

When “AUTO” is selected, the sensor sensitivity can be adjusted as follows by turning the switch ring:



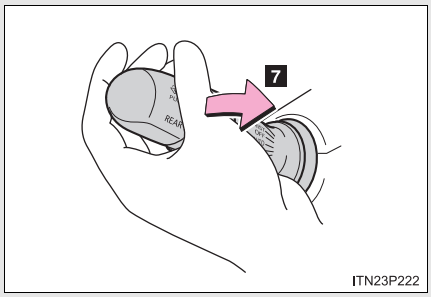
1 Rain-sensing wiper operation
2 Low speed wiper operation
3 High speed wiper operation
4 Temporary operation



ITN23P221

5 Increases the sensitivity

6 Decreases the sensitivity



ITN23P222

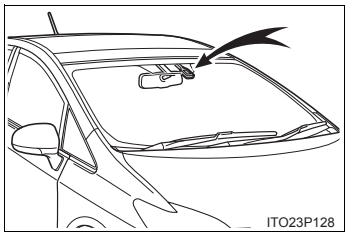
7 Washer/wiper dual operation

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

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

The “POWER” switch is in ON mode.

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



- The raindrop sensor judges the amount of raindrops.

- If the wiper switch is turned to the “AUTO” position while the “POWER” switch is in ON mode, the wiper will operate once to show that “AUTO” mode is activated.
- If the wiper sensitivity is adjusted to higher, the wiper may operate once to indicate the change of sensitivity.
- If the temperature of the rain drop sensor is 90 °C (194 °F) or higher, -15 °C (5 °F) or lower, the automatic operation may not occur. In this case, operate the wipers in any mode other than “AUTO”.

■ **If no windshield washer fluid sprays**

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

CAUTION

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

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

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

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

NOTICE

■ **When the windshield is dry**

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

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

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

■ **When a nozzle becomes blocked**

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

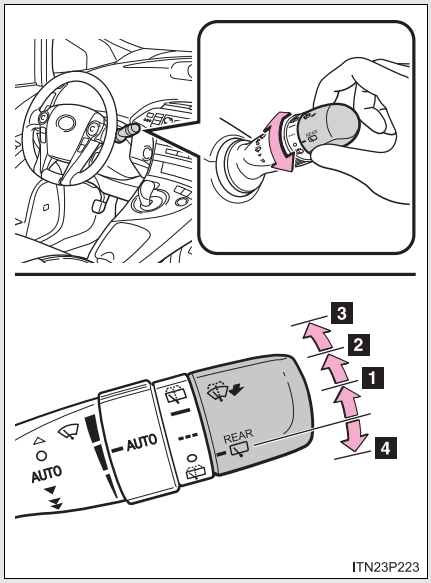
■ **To prevent 12-volt battery discharge**

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

Rear window wiper and washer

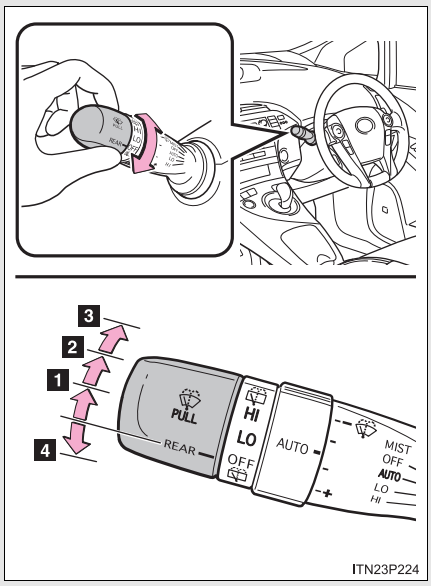
Turning the end of the lever turns on the rear window wiper and washer as follows:

Type A



1 Intermittent window wiper operation
2 Normal window wiper operation
3 Washer/wiper dual operation
4 Washer/wiper dual operation

Type B



1 Intermittent window wiper operation
2 Normal window wiper operation
3 Washer/wiper dual operation
4 Washer/wiper dual operation

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

The “POWER” switch is in ON mode.

■ **If no washer fluid sprays**

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

NOTICE

When the rear window is dry

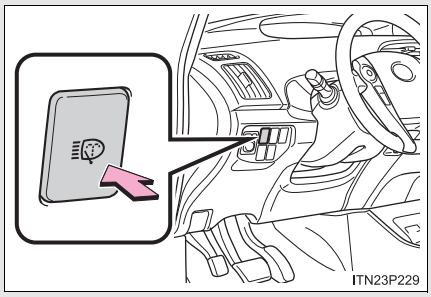
Do not use the wiper, as it may damage the rear window.

When the washer fluid tank is empty

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

Headlight cleaner switch*

Washer fluid can be sprayed on the headlights.



Press the switch to clean the headlights.

■ **The headlight cleaners can be operated when**

The “POWER” switch is in ON mode and the headlight switch is turned on. If equipped, the headlight switch is in the “AUTO” position and the headlight is on.

■ **Windshield washer linked operation**

Only for the first time when the windshield washer is operated with the “POWER” switch in ON mode and the headlights on, the headlight cleaners will operate once. (→P. 272, 278)

⚠ NOTICE

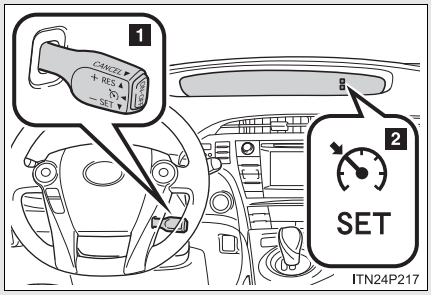
■ **When the washer fluid tank is empty**

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

*: If equipped

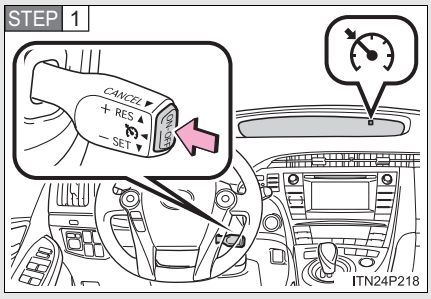
Cruise control*

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



1 Cruise control switch
2 Indicators

■ Setting the vehicle speed

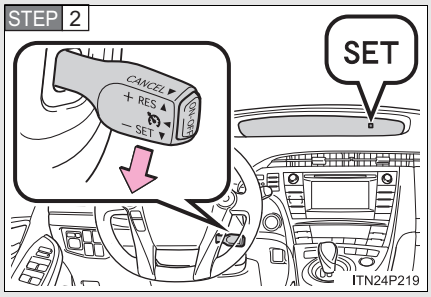


Press the “ON-OFF” button to activate the cruise control.

Cruise control indicator will come on.

Press the button again to deactivate the cruise control.

*: If equipped

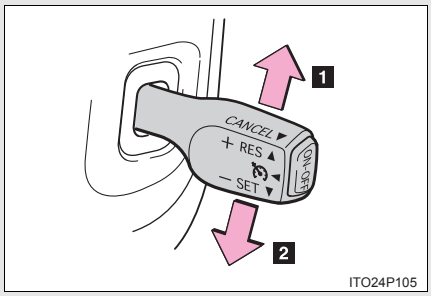


Accelerate or decelerate the vehicle to the desired speed, and push the lever down to set the speed.

"SET" indicator will come on. The vehicle speed at the moment the lever is released becomes the set speed.

■ Adjusting the set speed

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



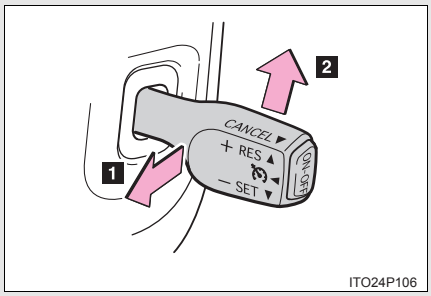
1 Increases the speed

2 Decreases the speed

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

The set speed will be increased or decreased as follows:
Fine adjustment: By approximately 1.6 km/h (1 mph) each time the lever is operated.
Large adjustment: The set speed can be increased or decreased continually until the lever is released.

■ Canceling and resuming the constant speed control



1 Pulling the lever toward you cancels the constant speed control.

The speed setting is also canceled when the brakes are applied.

2 Pushing the lever up resumes the constant speed control.

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

■ **Cruise control can be set when**

- The shift position is in D.
- Vehicle speed is above approximately 40 km/h (25 mph).

■ **Accelerating after setting the vehicle speed**

- The vehicle can be accelerated normally. After acceleration, the set speed resumes.
- Even without canceling the cruise control, the set speed can be increased by first accelerating the vehicle to the desired speed and then pushing the lever down to set the new speed.

■ **Automatic cruise control cancelation**

Cruise control will stop maintaining the vehicle speed in any of the following situations.

- Actual vehicle speed falls more than approximately 16 km/h (10 mph) below the preset vehicle speed.
  At this time, the memorized set speed is not retained.
- Actual vehicle speed is below approximately 40 km/h (25 mph).
- VSC+ is activated.

■ **If the cruise control indicator light flashes**

Press the “ON-OFF” button once to deactivate the system, and then press the button again to reactivate the system.
If the cruise control speed cannot be set or if the cruise control cancels immediately after being activated, there may be a malfunction in the cruise control system. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

CAUTION

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

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

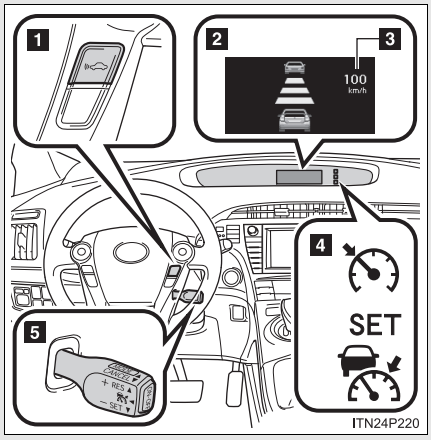
■ **Situations unsuitable for cruise control**

Do not use cruise control in any of the following situations.
Doing so may result in loss of control and could cause an accident resulting in death or serious injury.

- In heavy traffic
- On roads with sharp bends
- On winding roads
- On slippery roads, such as those covered with rain, ice or snow
- On steep hills
  Vehicle speed may exceed the set speed when driving down a steep hill.
- During emergency towing

Dynamic radar cruise control*

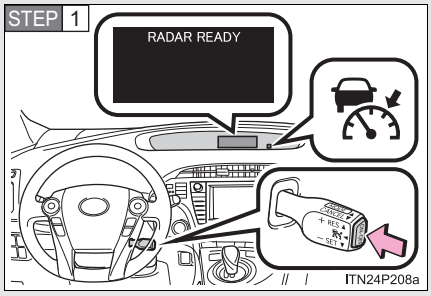
Dynamic radar cruise control supplements conventional cruise control with a vehicle-to-vehicle distance control. In vehicle-to-vehicle distance control mode, the vehicle automatically accelerates or decelerates in order to maintain a set following distance from vehicles ahead.



1 Vehicle-to-vehicle distance button
2 Display
3 Set speed
4 Indicators
5 Cruise control switch

*: If equipped

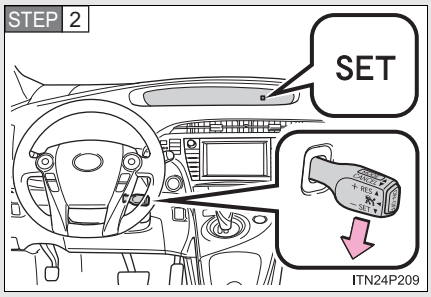
■ **Setting the vehicle speed (vehicle-to-vehicle distance control mode)**



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

Radar cruise control indicator will come on.

Press the button again to deactivate the cruise control.



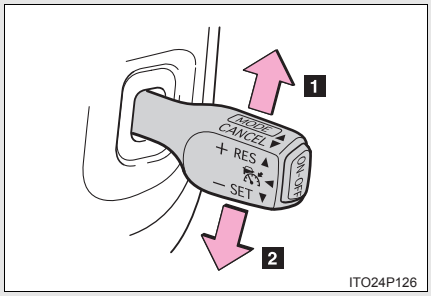
Accelerate or decelerate the vehicle to the desired speed, and push the lever down to set the speed.

“SET” indicator will come on.

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

Adjusting the set speed

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



1 Increases the speed

2 Decreases the speed

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

Large adjustment: Hold the lever in the desired direction.

In the vehicle-to-vehicle distance control mode, the set speed will be increased or decreased as follows:

- When the set speed is shown in “km/h”

  Fine adjustment: By approximately 5 km/h (3.1 mph) each time the lever is operated

  Large adjustment: By approximately 5 km/h (3.1 mph) for each 0.75 seconds the lever is held

- When the set speed is shown in “MPH”

  Fine adjustment: By approximately 5 mph (8 km/h) each time the lever is operated

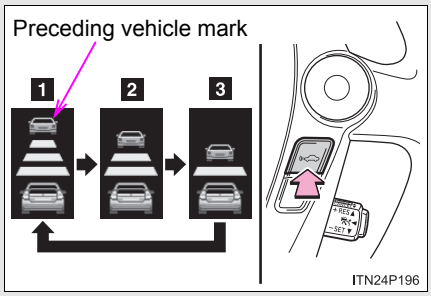
  Large adjustment: By approximately 5 mph (8 km/h) for each 0.75 seconds the lever is held

In the constant speed control mode (→P. 301), the set speed will be increased or decreased as follows:

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

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

Changing the vehicle-to-vehicle distance



Pressing the button changes the vehicle-to-vehicle distance as follows:

1 Long
2 Medium
3 Short

The vehicle-to-vehicle distance is set automatically to long mode when the “POWER” switch is turned to ON mode.

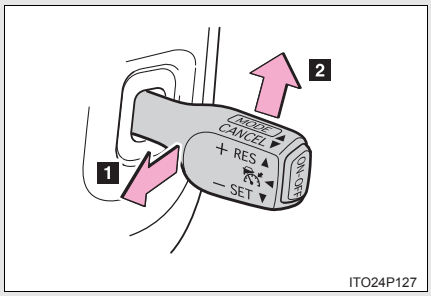
If a vehicle is running ahead of you, the preceding vehicle mark will also be displayed.

Vehicle-to-vehicle distance settings

Select a distance from the table below. Note that the distances shown correspond to a vehicle speed of 80 km/h (50 mph). Vehicle-to-vehicle distance increases/decreases in accordance with vehicle speed.

Distance options	Vehicle-to-vehicle distance
Long	Approximately 50 m (160 ft.)
Medium	Approximately 40 m (130 ft.)
Short	Approximately 30 m (100 ft.)

■ Canceling and resuming the speed control



1 Pulling the lever toward you cancels the cruise control.

The speed setting is also canceled when the brakes are applied.

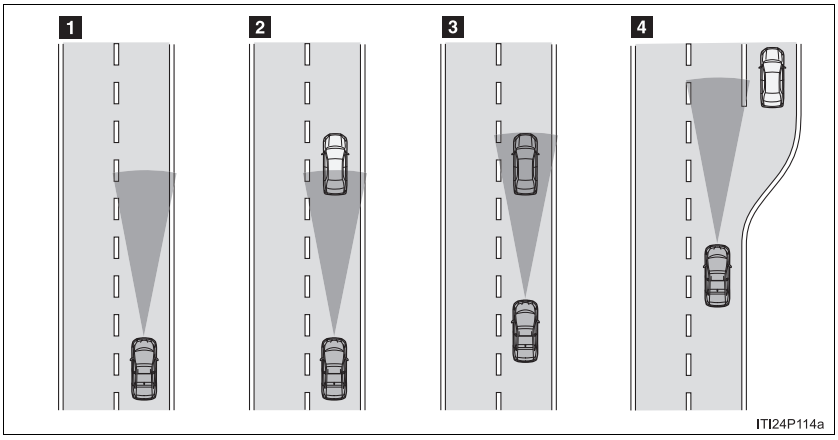
2 Pushing the lever up resumes the cruise control and returns vehicle speed to the set speed.

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

Driving in vehicle-to-vehicle distance control mode

This mode employs a radar sensor to detect the presence of vehicles up to approximately 120 m (400 ft.) ahead, determines the current vehicle-to-vehicle following distance, and operates to maintain a suitable following distance from the vehicle ahead.

Note that vehicle-to-vehicle distance will close in when traveling on long downhill slopes.



1 Example of constant speed cruising

When there are no vehicles ahead

The vehicle travels at the speed set by the driver. The desired vehicle-to-vehicle distance can also be set by operating the vehicle-to-vehicle distance control.

2 Example of deceleration cruising

When the vehicle ahead is driving slower than the set speed

When a vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies the brakes. A warning tone warns you when the system cannot decelerate sufficiently to prevent your vehicle from closing in on the vehicle ahead.

3 Example of follow-up cruising

When following a vehicle driving slower than the set speed

The system continues follow-up cruising while adjusting for changes in the speed of the vehicle ahead in order to maintain the vehicle-to-vehicle distance set by the driver.

4 Example of acceleration

When there are no longer any vehicles ahead driving slower than the set speed

The system accelerates until the set speed is reached. The system then returns to constant speed cruising.

Approach warning

When your vehicle is too close to a vehicle ahead, and sufficient automatic deceleration via the cruise control is not possible, the display will flash and the buzzer will sound to alert the driver. An example of this would be if another driver cuts in front of you while you are following a vehicle. Apply the brakes to ensure an appropriate vehicle-to-vehicle distance.

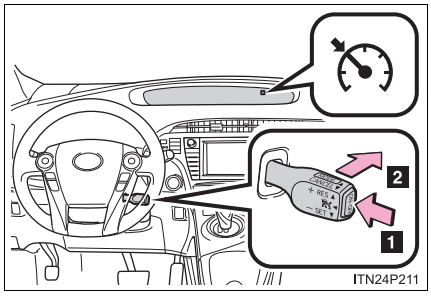
Warnings may not occur when

In the following instances, there is a possibility that the warnings will not occur:

- When the speed of the vehicle ahead matches or exceeds your vehicle speed
- When the vehicle ahead is traveling at an extremely slow speed
- Immediately after the cruise control speed was set
- At the instant the accelerator is applied

Selecting conventional constant speed control mode

Constant speed control mode differs from vehicle-to-vehicle distance control mode. When constant speed mode is selected, your vehicle will maintain a set speed regardless of whether or not there are other vehicles in the lane ahead.



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

Press the button again to deactivate the cruise control.

2 Switch to constant speed control mode.
(Push the lever forward and hold for approximately 1 second.)

Cruise control indicator will come on.

When in constant speed control mode, to return to vehicle-to-vehicle distance control mode, push the lever forward again and hold for approximately 1 second.

After the desired speed has been set, it is not possible to return to vehicle-to-vehicle distance control mode.

If the “POWER” switch is turned off and then turned to ON mode again, the vehicle will automatically return to vehicle-to-vehicle distance control mode.

Adjusting the speed setting: →P. 295

Canceling and resuming the speed setting: →P. 297

■ **Dynamic radar cruise control can be set when**

- The shift position is in D.
- Vehicle speed is above approximately 50 km/h (30 mph).

■ **Accelerating after setting the vehicle speed**

The vehicle can accelerate normally. After acceleration, the set speed resumes. However, during vehicle-to-vehicle distance control mode, the vehicle speed may decrease below the set speed in order to maintain the distance to the vehicle ahead.

■ **Set speed**

The set speed may be unsustainable depending on driving circumstances.

■ **Automatic cancelation of vehicle-to-vehicle distance control**

Vehicle-to-vehicle distance control driving is automatically canceled in the following situations:

- Actual vehicle speed falls below approximately 40 km/h (25 mph).
- VSC+ is activated.
- The sensor cannot operate correctly because it is covered in some way.
- The windshield wipers are operating at high speed (when the wiper switch is set to the “AUTO” mode or the high speed windshield wiper operation position).

If vehicle-to-vehicle distance control driving is automatically canceled for any other reason, there may be a malfunction in the system. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

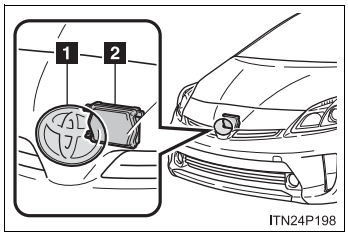
■ **Automatic cancelation of constant speed control**

The cruise control will stop maintaining the vehicle speed in the following situations:

- Actual vehicle speed is more than approximately 16 km/h (10 mph) below the set vehicle speed.
  At this time, the memorized set speed is not retained.
- Vehicle speed falls below approximately 40 km/h (25 mph).
- VSC+ is activated.

■ **Radar sensor and grille cover**

Always keep the sensor and grille cover clean to ensure that the vehicle-to-vehicle distance control operates properly. (Some obstructions, such as snow, ice and plastic objects, cannot be detected by the obstruction sensor.) Dynamic radar cruise control (vehicle-to-vehicle distance control mode) will be canceled if dirt is detected. (Constant speed control mode can be used).



1 Grille cover

2 Radar sensor

■ **Warning lights, messages and buzzers for dynamic radar cruise control**

Warning lights, warning messages and buzzers are used to indicate a system malfunction or to inform the driver of the need for caution while driving.

Certification

Hereby, DENSO CORPORATION declares that this DNMWR004 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Hér með lýsir DENSO CORPORATION yfir því að DNMWR004 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Con la presente DENSO CORPORATION dichiara che questo DNMWR004 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Käesolevaga kinnitab DENSO CORPORATION seadme DNMWR004 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Hierbij verklaart DENSO CORPORATION dat het toestel DNMWR004 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ DENSO CORPORATION ΔΗΛΩΝΕΙ ΟΤΙ DNMWR004 ΣΥΜΜΟΡΦΩΝ ΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Härmed intygar DENSO CORPORATION att denna DNMWR004 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Por medio de la presente DENSO CORPORATION declara que el DNMWR004 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
DENSO CORPORATION týmto vyhlasuje, že DNMWR004 spĺna základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
DENSO CORPORATION izjavlja, da je ta DNMWR004 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
DENSO CORPORATION tímto prohlašuje, že tento DNMWR004 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.

Undertegnede DENSO CORPORATION erklærer herved, at følgende udstyr DNMWR004 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt DENSO CORPORATION, dass sich das Gerät DNMWR004 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
DENSO CORPORATION erklærer herved at utstyret DNMWR004 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Alulírott, DENSO CORPORATION nyilatkozom, hogy a DNMWR004 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
DENSO CORPORATION vakuuttaa täten että DNMWR004 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Par la présente DENSO CORPORATION déclare que l'appareil DNMWR004 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Niniejszym DENSO CORPORATION oświadcza, że DNMWR004 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
DENSO CORPORATION declara que este DNMWR004 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, DENSO CORPORATION, jiddikjara li dan DNMWR004 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Ar šo, DENSO CORPORATION, deklarē, ka DNMWR004 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Šiuo DENSO CORPORATION deklaruoja, kad šis DNMWR004 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

CAUTION

■ **Before using dynamic radar cruise control**

Do not overly rely on vehicle-to-vehicle distance control.
Be aware of the set speed. If automatic deceleration/acceleration is not appropriate, adjust the vehicle speed, as well as the distance between your vehicle and vehicles ahead by applying the brakes etc.

■ **Cautions regarding the driving assist systems**

Observe the following precautions.
Failure to do so may cause an accident resulting in death or serious injury.

- Assisting the driver to measure following distance
  The dynamic radar cruise control is only intended to help the driver in determining the following distance between the driver's own vehicle and a designated vehicle traveling ahead. It is not a mechanism that allows careless or inattentive driving, and it is not a system that can assist the driver in low-visibility conditions. It is still necessary for driver to pay close attention to the vehicle's surroundings.
- Assisting the driver to judge proper following distance
  The dynamic radar cruise control determines whether the following distance between the driver's own vehicle and a designated vehicle traveling ahead is appropriate or not. It is not capable of making any other type of judgement. Therefore, it is absolutely necessary for the driver to remain vigilant and to determine whether or not there is a possibility of danger in any given situation.
- Assisting the driver to operate the vehicle
  The dynamic radar cruise control has no capability to prevent or avoid a collision with a vehicle traveling ahead. Therefore, if there is ever any danger, the driver must take immediate and direct control of the vehicle and act appropriately in order to ensure the safety of all involved.

CAUTION

■ **To avoid inadvertent cruise control activation**

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

■ **Situations unsuitable for dynamic radar cruise control**

Do not use dynamic radar cruise control in any of the following situations. Doing so may result in inappropriate speed control and could cause an accident resulting in death or serious injury.

- In heavy traffic
- On roads with sharp bends
- On winding roads
- On slippery roads, such as those covered with rain, ice or snow
- On steep downhills, or where there are sudden changes between sharp up and down gradients
  Vehicle speed may exceed the set speed when driving down a steep hill.
- At entrances to expressways
- When weather conditions are bad enough that they may prevent the sensors from functioning correctly (fog, snow, sandstorm, heavy rain, etc.)
- When an approach warning buzzer is heard often
- During emergency towing

CAUTION

■ **When the sensor may not be correctly detecting the vehicle ahead**

Apply the brakes as necessary when any of the following types of vehicles are in front of you.
As the sensor may not be able to correctly detect these types of vehicles, the approach warning (→P. 300) will not be activated, and a fatal or serious accident may result.

- Vehicles that cut in suddenly
- Vehicles traveling at low speeds
- Vehicles that are not moving
- Vehicles with small rear ends (trailers with no load on board etc.)
- Motorcycles traveling in the same lane

■ **Conditions under which the vehicle-to-vehicle distance control may not function correctly**

Apply the brakes as necessary in the following conditions as the radar sensor may not be able to correctly detect vehicles ahead, and a fatal or serious accident may result:

- When water or snow thrown up by the surrounding vehicles hinders the functioning of the sensor
- When your vehicle is pointing upwards (caused by a heavy load in the luggage compartment etc.)
- When the road curves or when the lanes are narrow
- When steering wheel operation or your position in the lane is unstable
- When the vehicle ahead of you decelerates suddenly

CAUTION

Handling the radar sensor

Observe the following to ensure the cruise control system can function effectively.
Otherwise, the system may not function correctly and could result in an accident.

- Keep the sensor and grille cover clean at all times.
  Clean the sensor and grille cover with a soft cloth so you do not mark or damage them.
- Do not subject the sensor or surrounding area to a strong impact.
  If the sensor has moved out of position, the system may malfunction or operate incorrectly. If the sensor or surrounding area is subject to a strong impact, always have the area inspected and adjusted by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- Do not disassemble the sensor.
- Do not attach accessories or stickers to the sensor, grille cover or surrounding area.
- Do not modify or paint the sensor and grille cover.
- Do not replace them with non-genuine parts.

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.

■ **ABS (Anti-lock Brake System)**

Helps to prevent wheel lock when the brakes are applied suddenly, or if the brakes are applied while driving on a slippery road surface

■ **Brake assist**

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

■ **VSC (Vehicle Stability Control)**

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

■ **TRC (Traction Control)**

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

■ **EPS (Electric Power Steering)**

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

■ **VSC+ (Vehicle Stability Control+)**

Provides cooperative control of the ABS, TRC, VSC and EPS. Helps to maintain directional stability when swerving on slippery road surfaces by controlling steering performance.

■ **Hill-start assist control**

→P. 316

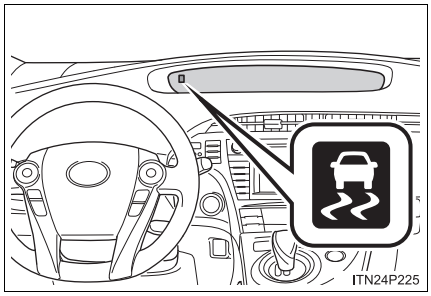
■ **PCS (Pre-Crash Safety System) (if equipped)**

→P. 319

■ **Emergency brake signal (if equipped)**

When the brakes are applied suddenly, the stop lights automatically flash to alert the vehicle behind.

When the TRC/VSC/ABS systems are operating



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

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

- A sound may be heard from the engine compartment when the hybrid system is started, just after the vehicle begins to move, if the brake pedal is depressed forcefully or repeatedly, or 1-2 minutes after the hybrid system is stopped. This sound does not indicate that a malfunction has occurred in any of these systems.
- Any of the following conditions may occur when the above systems are operating. None of these indicates that a malfunction has occurred.
  - Vibrations may be felt through the vehicle body and steering.
  - A motor sound may be heard after the vehicle comes to a stop.
  - The brake pedal may pulsate slightly after the ABS is activated.
  - The brake pedal may move down slightly after the ABS is activated.

■ **EPS operation sound**

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

■ **Reduced effectiveness of the EPS system**

The effectiveness of the EPS system is reduced to prevent the system from overheating when there is frequent steering input over an extended period of time. The steering wheel may feel heavy as a result. Should this occur, refrain from excessive steering input or stop the vehicle and turn the hybrid system off. The EPS system should return to normal within 10 minutes.

■ **Electric power steering system warning light (warning buzzer)**

→P. 492

■ **Operating conditions of emergency brake signal**

When the following three conditions are met, the emergency brake signal will operate:

- The emergency flashers are off.
- Actual vehicle speed is over 55 km/h (35 mph).
- The brake pedal is depressed in a manner that cause the system to judge from the vehicle deceleration that this is a sudden braking operation.

■ **Automatic system cancelation of emergency brake signal**

The emergency brake signal will turn off in any of the following situations:

- The emergency flashers are turned on.
- The brake pedal is released.
- The system judges from the vehicle deceleration that is not a sudden braking operation.

⚠ CAUTION

■ **The ABS does not operate effectively when**

- Tires with inadequate gripping ability are used (such as excessively worn tires on a snow covered road).
- The vehicle hydroplanes while driving at high speed on wet or slick road.

■ **Stopping distance when the ABS is operating may exceed that of normal conditions**

The ABS is not designed to shorten the vehicle's stopping distance. Always maintain a safe distance from the vehicle in front of you in the following situations:

- When driving on dirt, gravel or snow-covered roads
- When driving with tire chains
- When driving over bumps in the road
- When driving over roads with potholes or uneven surfaces

CAUTION

■ **TRC may not operate effectively when**

Directional control and power may not be achievable while driving on slippery road surfaces, even if the TRC system is operating.
Do not drive the vehicle in conditions where stability and power may be lost.

■ **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.

■ **Replacing tires**

Make sure that all tires are of the specified size and of the same brand, tread pattern and total load capacity. In addition, make sure that the tires are inflated to the recommended tire inflation pressure level.

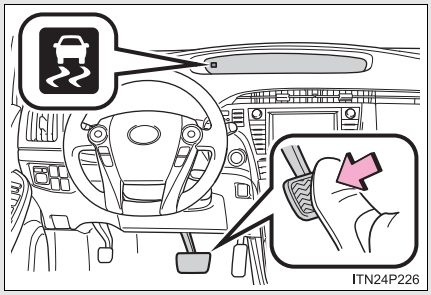
The ABS and VSC systems will not function correctly if different tires are installed on the vehicle.
Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for further information when replacing tires or wheels.

■ **Handling of tires and the suspension**

Using tires with any kind of problem or modifying the suspension will affect the driving assist systems, and may cause a system to malfunction.

Hill-start assist control

Hill-start assist control helps to prevent the vehicle from rolling backwards when starting on an incline or slippery slope.



To engage hill-start assist control, further depress the brake pedal when the vehicle is stopped completely.

A buzzer will sound once to indicate the system is activated. The slip indicator will also start flashing.

■ **Hill-start assist control can be operated when**

- The shift position is in a position other than P.
- The parking brake is not applied.
- The accelerator pedal is not depressed.

■ **Hill-start assist control**

- While hill-start assist control is operating, the brakes remain automatically applied after the driver releases the brake pedal. The stop lights and the high mounted stoplight turn on.
- Hill-start assist control operates for about 2 seconds after the brake pedal is released.
- If the slip indicator does not flash and the buzzer does not sound when the brake pedal is further depressed, slightly reduce the pressure on the brake pedal (do not allow the vehicle to roll backward) and then firmly depress it again. If the system still does not operate, check if the operating conditions explained above have been met.

■ **Hill-start assist control buzzer**

- When hill-start assist control is activated, the buzzer will sound once.
- In the following situations, hill-start assist control will be canceled and the buzzer will sound twice.
  - No attempt is made to drive the vehicle within approximately 2 seconds of releasing the brake pedal.
  - Push the P position switch.
  - The parking brake is applied.
  - The brake pedal is depressed again.
  - The brake pedal has been depressed for more than approximately 3 minutes.

■ **If the slip indicator light comes on**

It may indicate a malfunction in the system. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

CAUTION

Hill-start assist control

- Do not overly rely on the hill-start assist control. Hill-start assist control may not operate effectively on extremely steep inclines or roads covered in 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 for an extended period of time, as doing so may lead to an accident.

PCS (Pre-Crash Safety System)*

When the radar sensor detects possibility of a frontal collision, the pre-crash safety systems such as the brakes and seat belts are automatically engaged to lessen impact as well as vehicle damage.

■ Pre-crash seat belts (front seat belts only)

If the pre-crash sensor detects that a collision is unavoidable, the pre-crash safety system will retract the seat belt before the collision occurs. The same will happen if the driver makes an emergency braking or loses control of the vehicle. (→P. 114)
However, when the VSC system is disabled, the system will not operate in the event of skidding.

■ Pre-crash brake assist

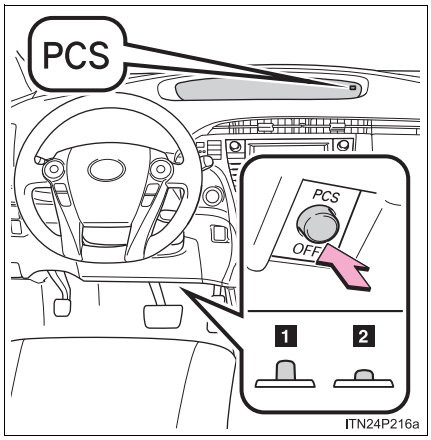
When there is a high possibility of a frontal collision, the system applies greater braking force in relation to how strongly the brake pedal is depressed.

■ Pre-crash braking

When there is a high possibility of a frontal collision, the system warns the driver using a warning light, warning display and buzzer. If the system determines that a collision is unavoidable, the brakes are automatically applied to reduce the collision speed. Pre-crash braking can be disabled using the pre-crash braking off switch.

*: If equipped

Disabling pre-crash braking

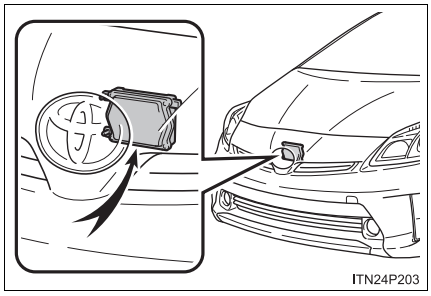


1 Pre-crash braking enabled

2 Pre-crash braking disabled

The “PCS” warning light will turn on when pre-crash braking is disabled.

Radar sensor



The radar sensor detects vehicles or other obstacles on or near the road ahead and determines whether a collision is imminent based on the position, speed, and heading of the obstacles.

■ **The pre-crash safety system is operational when**

● Pre-crash seat belts (type A)

- Vehicle speed is greater than about 30 km/h (19 mph).
- The system detects sudden braking or skidding.
- The front occupants are wearing a seat belt.

● Pre-crash seat belts (type B)

- Vehicle speed is greater than about 5 km/h (4 mph).
- The speed at which your vehicle is approaching the obstacle or the vehicle running ahead of you is greater than about 30 km/h (19 mph).
- The front occupants are wearing a seat belt.

● Pre-crash brake assist:

- Vehicle speed is greater than about 30 km/h (19 mph).
- The speed at which your vehicle is approaching the obstacle or the vehicle running ahead of you is greater than about 30 km/h (19 mph).
- The brake pedal is depressed.

● Pre-crash braking:

- Vehicle speed is greater than about 15 km/h (10 mph).
- The speed at which your vehicle is approaching the obstacle or the vehicle running ahead of you is greater than about 15 km/h (10 mph).
- The pre-crash braking off switch is not pressed.

■ **Conditions that may trigger the system even if there is no possibility of a collision**

- When there is an object by the roadside at the entrance to a curve
- When passing an oncoming vehicle on a curve
- When driving over a narrow iron bridge
- When there is a metal object on the road surface
- When driving on an uneven road surface (nose up, nose down)
- When passing an oncoming vehicle on a left-turn (left-hand drive vehicles) or right-turn (right-hand drive vehicles)
- When your vehicle rapidly closes on the vehicle in front
- When a grade separation/interchange, sign, billboard, or other structure appears to be directly in the vehicle's line of travel
- When the steep angle of the road causes a metal object located beneath the road surface to be seen ahead of the vehicle
- When an extreme change in vehicle height occurs
- When the axis of the radar is out of adjustment
- When passing through certain toll gates
- When passing through an overpass

When the system is activated in the situations described above, there is also a possibility that the seat belts will retract quickly and the brakes will be applied with a force greater than normal. When the seat belt is locked in the retracted position, stop the vehicle in a safe place, release the seat belt and refasten it.

■ **Obstacles not detected**

The sensor cannot detect plastic obstacles such as traffic cones. There may also be occasions when the sensor cannot detect pedestrians, animals, bicycles, motorcycles, trees, or snowdrifts.

■ **Situations in which the pre-crash safety system does not function properly**

The system may not function effectively in situations such as the following:

- On roads with sharp bends or uneven surfaces
- If a vehicle suddenly moves in front of vehicle, such as at an intersection
- If a vehicle suddenly cuts in front of vehicle, such as when overtaking
- In inclement weather such as heavy rain, fog, snow or sand storms
- When your vehicle is skidding with the VSC system off
- When an extreme change in vehicle height occurs
- When the axis of the radar is out of adjustment

■ **Automatic cancelation of the pre-crash safety system**

When a malfunction occurs due to sensor contamination, etc. that results in the sensors being unable to detect obstacles, the pre-crash safety system will be automatically disabled. In this case, the system will not activate even if there is a collision possibility.

■ **When there is a malfunction in the system**

Warning lights and/or warning messages will turn on or flash. (→P. 488, 496)

Certification

Hereby, DENSO CORPORATION declares that this DNMWR004 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Hér með lýsir DENSO CORPORATION yfir því að DNMWR004 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Con la presente DENSO CORPORATION dichiara che questo DNMWR004 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Käesolevaga kinnitab DENSO CORPORATION seadme DNMWR004 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Hierbij verklaart DENSO CORPORATION dat het toestel DNMWR004 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ DENSO CORPORATION ΔΗΛΩΝΕΙ ΟΤΙ DNMWR004 ΣΥΜΜΟΡΦΩΝ ΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Härmed intygar DENSO CORPORATION att denna DNMWR004 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Por medio de la presente DENSO CORPORATION declara que el DNMWR004 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
DENSO CORPORATION týmto vyhlasuje, že DNMWR004 spĺna základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
DENSO CORPORATION izjavlja, da je ta DNMWR004 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
DENSO CORPORATION tímto prohlašuje, že tento DNMWR004 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.

Undertegnede DENSO CORPORATION erklærer herved, at følgende udstyr DNMWR004 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt DENSO CORPORATION, dass sich das Gerät DNMWR004 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
DENSO CORPORATION erklærer herved at utstyret DNMWR004 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Alulírott, DENSO CORPORATION nyilatkozom, hogy a DNMWR004 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
DENSO CORPORATION vakuuttaa täten että DNMWR004 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Par la présente DENSO CORPORATION déclare que l'appareil DNMWR004 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Niniejszym DENSO CORPORATION oświadcza, że DNMWR004 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
DENSO CORPORATION declara que este DNMWR004 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, DENSO CORPORATION, jiddikjara li dan DNMWR004 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Ar šo, DENSO CORPORATION, deklarē, ka DNMWR004 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Šiuo DENSO CORPORATION deklaruoja, kad šis DNMWR004 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

CAUTION

■ **Limitations of the pre-crash safety system**

Do not overly rely on the pre-crash safety system. Always drive safely, taking care to observe your surroundings and checking for any obstacles or other road hazards.
Failure to do so may cause an accident resulting in death or serious injury.

■ **Cautions regarding the assist contents of the system**

By means of alarms and brake control, the pre-crash safety system is intended to assist the driver in avoiding collisions through the process of LOOK-JUDGE-ACT. There are limits to the degree of assistance the system can provide, so please keep in mind the following important points.

- Assisting the driver in watching the road
  The pre-crash safety system is only able to detect obstacles directly in front of the vehicle, and only within a limited range. It is not a mechanism that allows careless or inattentive driving, and it is not a system that can assist the driver in low-visibility conditions. It is still necessary for the driver to pay close attention to the vehicle's surroundings.
- Assisting the driver in making correct judgement
  When attempting to estimate the possibility of a collision, the only data available to the pre-crash safety system is that from obstacles it has detected directly in front of the vehicle. Therefore, it is absolutely necessary for the driver to remain vigilant and to determine whether or not there is a possibility of collision in any given situation.
- Assisting the driver in taking action
  The pre-crash safety system's braking assist feature is designed to help reduce the severity of a collision, and so only acts when the system has judged that a collision is unavoidable. This system by itself is not capable of automatically avoiding a collision or bringing the vehicle to a stop safely. For this reason, when encountering a dangerous situation the driver must take direct and immediate action in order to ensure the safety of all involved.

CAUTION

■ **When the sensor may not be correctly detecting the vehicle ahead**

Apply the brakes as necessary in any of the following situations.

- When water or snow thrown up by the surrounding vehicles hinders the functioning of the sensor
- When your vehicle is pointing upwards (caused by a heavy load in the luggage compartment etc.)
- Vehicles that cut in suddenly
- Vehicles with small rear ends (trailers with no load on board etc.)
- Motorcycles traveling in the same lane

■ **Handling the radar sensor**

Observe the following to ensure the pre-crash safety system can function effectively:

- Keep the sensor and grille cover clean at all times.
  Clean the sensor and grille cover with a soft cloth so you do not mark or damage them.
- Do not subject the sensor or surrounding area to a strong impact.
  If the sensor has moved out of position, the system may malfunction or operate incorrectly. If the sensor or surrounding area is subject to a strong impact, always have the area inspected and adjusted by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- Do not disassemble the sensor.
- Do not attach accessories or stickers to the sensor, grille cover or surrounding area.
- Do not modify or paint the sensor and grille cover.

Cargo and luggage

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

- Stow cargo and luggage in the luggage compartment whenever possible.
- Be sure all items are secured in place.
- To maintain vehicle balance while driving, position luggage evenly within the luggage compartment.
- For better fuel economy, do not carry unnecessary weight.

⚠ CAUTION

■ Things that must not be carried in the luggage compartment

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

- Receptacles containing gasoline
- Aerosol cans

⚠ CAUTION

■ Storage precautions

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

- Stow cargo and luggage in the luggage compartment whenever possible.
- Do not stack cargo and luggage 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.
- Do not place cargo or luggage in or on the following locations as the item may get under the brake or accelerator pedal and prevent the pedals from being depressed properly, block the driver's vision, or hit the driver or passengers, causing an accident:
  - At the feet of the driver
  - On the front passenger or rear seats (when stacking items)
  - On the luggage cover
  - On the instrument panel
  - On the dashboard
- Secure all items in the occupant compartment, as they may shift and injure someone in the event of an accident or sudden braking.
- When you fold down the rear seats, long items should not be place directly behind the front seats.
- Never allow anyone to ride in the luggage compartment. It is not designed for passengers. They should ride in their seats with their seat belts properly fastened. Otherwise, they are much more likely to suffer death or serious bodily injury, in the event of sudden braking or an accident.

Winter driving tips

Carry out the necessary preparations and inspections before driving the vehicle in winter. Always drive the vehicle in a manner appropriate to the prevailing weather conditions.

Pre-winter preparations

- Use fluids that are appropriate to the prevailing outside temperatures.
  - Engine oil
  - Engine/power control unit coolant
  - Washer fluid
- Have a service technician inspect the condition of the 12-volt battery.
- Have the vehicle fitted with four snow tires or purchase a set of tire chains for the front tires.

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

■ **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 snow or mud from the bottom of your shoes before getting in the vehicle.

■ **When driving the vehicle**

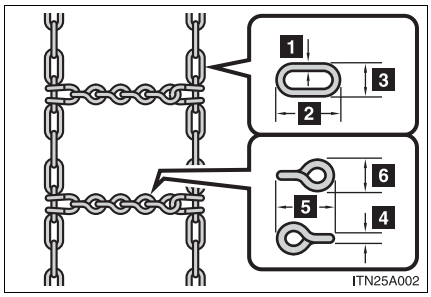
Accelerate the vehicle slowly, keep a safe distance between you and the vehicle ahead, and drive at a reduced speed suitable to road conditions.

■ **When parking the vehicle**

Park the vehicle and shift the shift position to P and block the wheel under the vehicle without setting the parking brake. The parking brake may freeze up, preventing it from being released. If necessary, block the wheels to prevent inadvertent sliding or creeping.

Selecting tire chains

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



Side chain:
1 3.0 mm (0.12 in.)
2 30.0 mm (1.18 in.)
3 10.0 mm (0.39 in.)

Cross chain:
4 4.0 mm (0.16 in.)
5 25.0 mm (0.98 in.)
6 14.0 mm (0.55 in.)

Regulations on the use of tire chains

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

■ **Tire chain installation**

Observe the following precautions when installing and removing chains:

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

⚠ CAUTION

■ **Driving with snow tires**

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

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

CAUTION

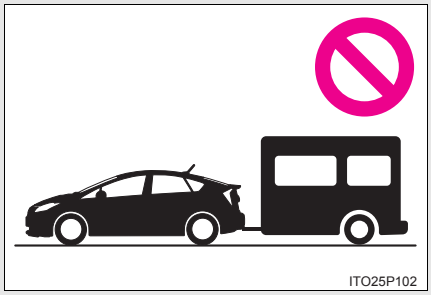
Driving with tire chains

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

- Do not drive in excess of the speed limit specified for the tire chains being used, or 50 km/h (30 mph), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden turns and braking, as use of chains may adversely affect vehicle handling.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.

Trailer towing

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



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3-4. Using the storage features

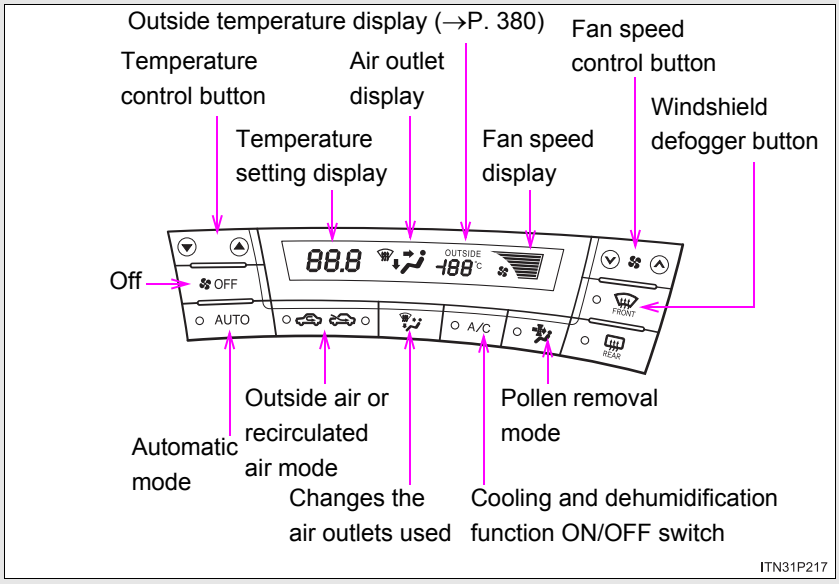
List of storage features 369
• Glove boxes..... 371
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3-5. Other interior features

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Outside temperature display 380
Power outlets..... 381
Seat heaters 383
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Air conditioning system

Airflow and outlets are automatically adjusted according to the temperature setting.



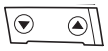
The illustration is for a left-hand drive vehicles. Some button positions are reversed for right-hand drive vehicles.

Using the automatic mode

STEP 1 Press 

.

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

STEP 2 Press "♦" to increase the temperature and "♦" to decrease the temperature on the  .

STEP 3 Press 

.

The cooling and dehumidification function switches between on and off each time the button is pressed.

Adjusting the settings

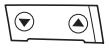
■ Changing the cooling and dehumidification function

Press 

.

The cooling and dehumidification function switches between on and off each time the button is pressed.

■ Adjusting the temperature setting

Press "♦" to increases the temperature and "♦" to decreases the temperature on the  .

■ Adjusting the fan speed

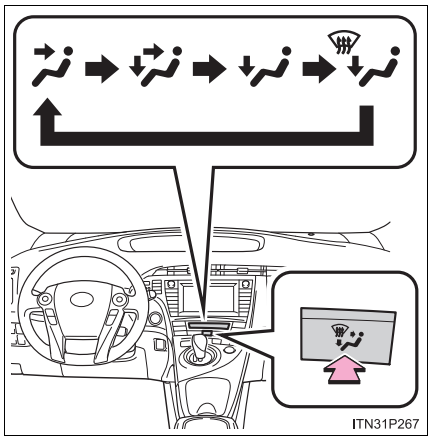
Press ∧ (increase) or ∨ (decrease) on  .

The fan speed is shown on the display. (7 levels)

Press 

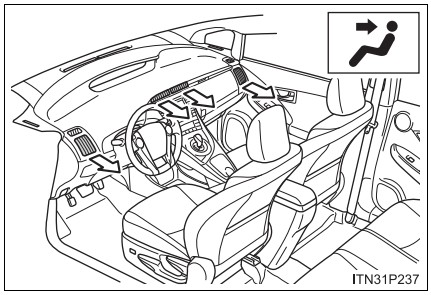
to turn the fan off.

■ Changing the air outlets

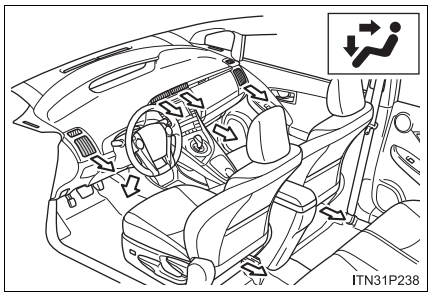


Press  .

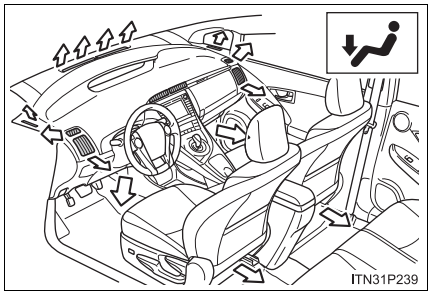
The air outlets switch each time the button is pressed.



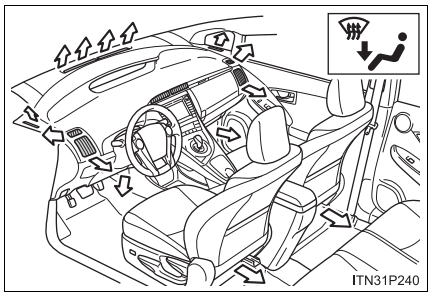
Air flows to the upper body.



Air flows to the upper body and feet.



Mainly air flows to the feet.



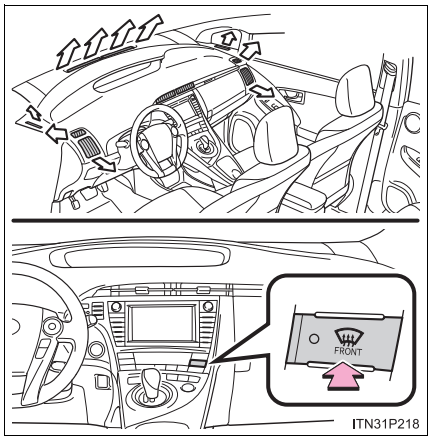
Air flows to the feet and the windshield defogger operates.

■ **Switching between outside air and recirculated air modes**

Press  .

The modes switches between  (recycles air inside the vehicle) and  (introduces air from outside the vehicle) modes each time the button is pressed.

Defogging the windshield



Press 

.

The air conditioning system control operates automatically.

Recirculated air mode will automatically switch to outside air mode.

Pollen removal mode

Press  .

Outside air mode switches to recirculated air mode. Pollen is removed from the air and the air flows to the upper part of the body.

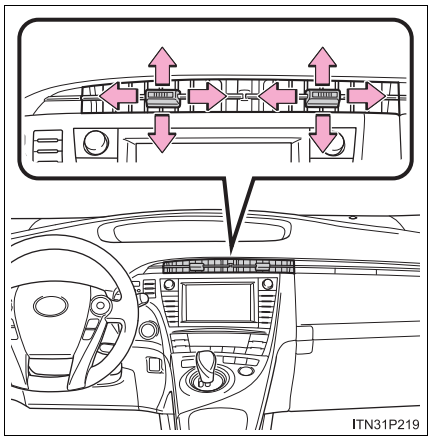
Usually the system will turn off automatically approximately 3 minutes later.

To stop the operation, press  again.

Adjusting the position of and opening and closing the air outlets

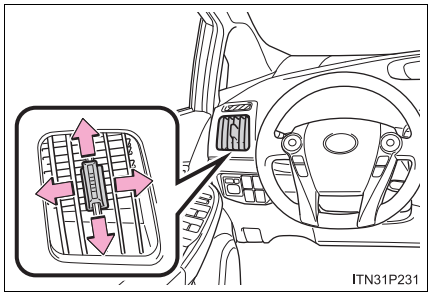
■ Adjusting the air outlets

Center outlets



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

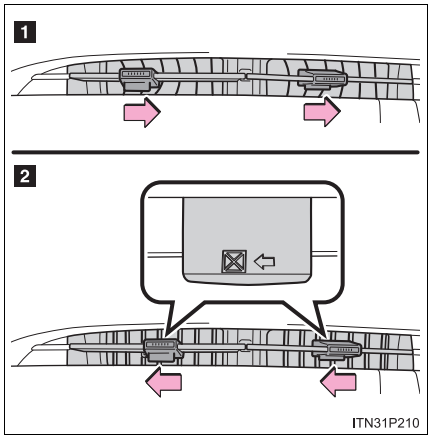
Right and left side outlets



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

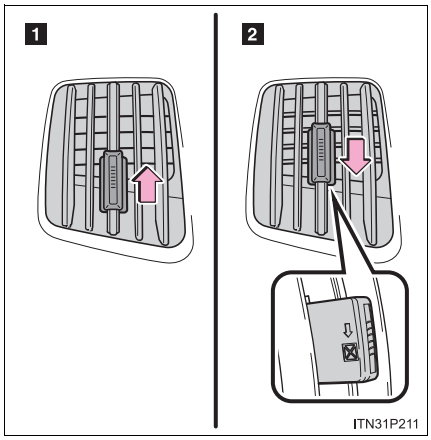
■ Opening and closing the air outlets

Center outlets



1 Open the vent.
2 Close the vent.

Right and left side outlets



1 Open the vent.
2 Close the vent.

■ **Using the automatic mode**

Fan speed is adjusted automatically in accordance with the temperature setting and ambient conditions. As a result, the following may occur.

- Immediately after 

is pressed, the fan may stop for a while until warm or cool air is ready to flow.
- Cool air may flow to the area around the upper body when the heater is on.

■ **Switching between outside air and recirculated air modes**

Recirculated air mode or outside air mode may be automatically switched to in accordance with under these condition, such as temperature setting and inside temperature.
Also, outside air mode may be automatically switched to when the outside temperature is low.

■ **Using the system in recirculated air mode**

The windows will fog up more easily if the recirculated air mode is used.

■ **Window defogger feature**

- Recirculated air mode may automatically switch to outside air mode in situations where the windows need to be defogged.
- When the outside air temperature is low, it may take a while for the condensation to clear from the windshield.

■ **When is selected for the air outlets used**

For your driving comfort, air flowing to the feet may be warmer than air flowing to the upper body depending on the temperature setting.

■ **Pollen removal mode**

- In order to prevent the windows from fogging up when the outside air is cold, the following may occur.
  - Outside air mode does not switch to recirculated air mode.
  - The air conditioning system operates automatically.
  - The operation cancels after 1 minute.
- In rainy weather, the windows may fog up. Press  .
- Condensation may appear on the windows if this mode is used in abnormally high levels of humidity.
- Pollen will be collected by the filter even when micro dust and pollen filter mode is OFF.

■ **If air flow from the vents decreases dramatically**

The filter may be clogged. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Operation of the air conditioning system in Eco drive mode**

In the Eco drive mode, the air conditioning system is controlled as follows to prioritize fuel efficiency:

- Engine speed and compressor operation controlled to restrict heating/cooling capacity
- Fan speed restricted when automatic mode is selected

To improve air conditioning performance, perform the following operations:

- Adjust the fan speed and temperature
- Turn off Eco drive mode (→P. 218)
- Customize the air conditioning control of Eco drive mode. (→P. 583)

■ **When outside air temperature is below 0 °C (32 °F)**

The cooling and dehumidification function may not operate even when  is pressed.

Air conditioning odors

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

Customization

Settings (e.g. switching between outside air and recirculated air mode linked to “AUTO” switch operation) can be changed.
(Customizable features →P. 583)

CAUTION

To prevent the windshield from fogging up

Do not use  during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

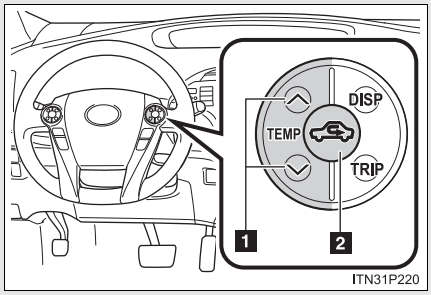
NOTICE

To prevent 12-volt battery discharge

Do not leave the air conditioning system on longer than necessary when the hybrid system is not operating.

Using the steering wheel climate remote control switches

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



1 Temperature control

2 Outside air or recirculated air mode

Adjusting the temperature setting

Press "∧" on 

to increase the temperature and "∨" to decrease the temperature.

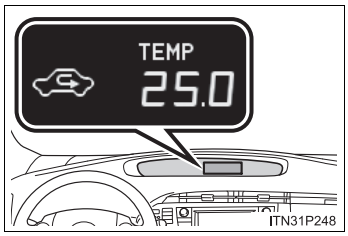
Changing the outside air or recirculated air modes

Press .

The mode switches between outside air mode and recirculated air mode each time the switch is pressed.

■ **When operating the steering switches (vehicles with touch tracer display)**

- The steering switches operation status is displayed on the instrument cluster for confirmation purposes. (→P. 229)



- Settings are shown on the multi-information display when the steering switch is operated.

CAUTION

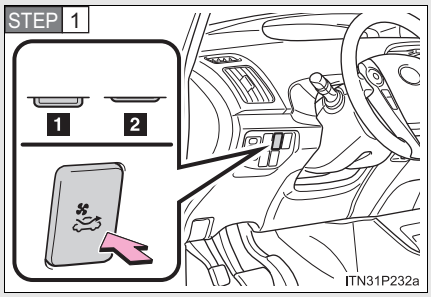
■ **To reduce the risk of an accident**

Exercise care when operating the air conditioning switches on the steering wheel.

Solar Ventilation System*

The Solar Ventilation System uses energy provided by solar panel built into the roof to operate a fan contained within the air conditioning system, allowing ventilation of the vehicle interior when the vehicle is parked in direct sunlight.

■ Activating the Solar Ventilation System



With the “POWER” switch in ON mode, turn on the ventilation switch.

1 Off

2 On

STEP 2 Turn the “POWER” switch off.

After approximately 1 minute, outside air mode will be selected and the air vents will be put into upper body mode.

After approximately 10 minutes, the ventilation operation will commence.

The ventilation operation will be canceled if the “POWER” switch is turned to ON mode or the ventilation switch is turned off.

*: If equipped

■ **Operating conditions**

The Solar Ventilation System may not operate under the following circumstances due to a lack of power from the solar panel:

- Low amount of sunlight
- Ever when a part of the solar panel is cast by a shadow.
- Ever when a part of the solar panel is covered by fallen leaves or dirt.
- The solar panel is not at a high temperature.

■ **Before using the Solar Ventilation System**

Remove dirt or fallen leaves from the solar panel in order to ensure sufficient electrical output.

■ **Efficient use of the Solar Ventilation System**

Efficient control of temperature increase can be achieved by using the system in conjunction with the Remote Air Conditioning System. (→P. 353)

■ **When using the Solar Ventilation System**

- Make sure that the “POWER” switch is in ON mode when turning the ventilation switch on. If the ventilation switch is turned on while the “POWER” switch is OFF, the air mode and the status of the air vents will remain unchanged.
- If the Solar Ventilation System is not needed, be sure to turn the ventilation switch off.
  Dirty air and exhaust fumes from other vehicles may be drawn from outside. Also, use in winter may cause heated interior air to leave the vehicle, thus leading to a drop in temperature.

Sounds when using the Solar Ventilation System

If the amount of sunlight is insufficient, you may hear a sound coming from the air conditioning system. This is the sound of a control function to preserve the fan and does not indicate a malfunction.

CAUTION

Solar Ventilation System precautions

- Do not use the system if people are inside the vehicle.
  The Solar Ventilation System is not intended to ensure the performance of the air conditioning system. Do not leave children or pets in the vehicle. The temperature of the interior will remain high, possibly resulting in heatstroke, dehydration, or even death.
- This system should be used only for the relief of discomfort when entering the vehicle, and should not be used for other purposes.

Precautions for moon roof with Solar Panel

→P. 130

Remote Air Conditioning System*

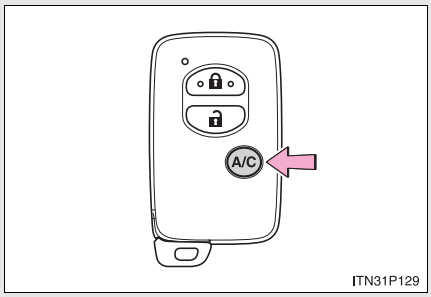
The Remote Air Conditioning System uses electrical energy stored in the hybrid battery (traction battery) and allows the air conditioning to be operated by remote control.

■ Before leaving the vehicle

Check the temperature setting of the air conditioning system.

The Remote Air Conditioning System will operate in accordance with the temperature settings of the air conditioning system.

■ Activating the Remote Air Conditioning System



Press and hold the A/C to operate the Remote Air Conditioning System.

The system will shut off if a door is opened.

The system can be stopped by pressing the A/C twice.

*: If equipped

■ **Operating conditions**

The system will only operate if all of the following conditions are met:

- The shift position is in P.
- The “POWER” switch is OFF.
- All doors are closed.
- The hood is closed.
- The brake pedal is not being depressed.
- The air conditioning is not set to “HI”.

■ **Using the Remote Air Conditioning System effectively**

Efficiency can be increased by using the system in conjunction with the Solar Ventilation System. (→P. 350)

■ **When leaving the vehicle**

- Check that the headlights are switched to either off or “AUTO”.
- Check that the wiper switch is turned off.
- Check that all windows are closed.

■ **Remote Air Conditioning System automatic shut-off**

The system will automatically shut off under the following conditions:

- About 3 minutes have passed since operation began
- Any one of the operating conditions is not met

The system may also shut off if the charge level of the hybrid battery (traction battery) drops to low. (→P. 50)

■ **Conditions affecting operation**

The system may not start in the following situations:

- The charge level of the hybrid battery (traction battery) is low (→P. 50)
- The air conditioning temperature is set at a high level or outside temperature is low
- When the vehicle has been left parked for a number of days
- When the hybrid system is cool (for example, after being left for a long time in low temperatures)

■ **Security feature**

Any unlocked doors will be automatically locked when the system is operating. The emergency flashers flash once when the doors have been locked.

■ **Conditions affecting operation**

→P. 82

■ **Electronic key battery depletion**

→P. 86

■ **When the electronic key battery is fully depleted**

→P. 550

■ **Customization**

Setting (e.g. Operation using the A/C on the wireless remote control) can be changed.
(Customizable features →P. 583)

CAUTION

Precautions for the Remote Air Conditioning System

- Do not use the system if people are in the vehicle.
  - Even when the system is in use, the internal temperature may still reach a high level due to features such as the automatic shut-off. Children and pets left inside the vehicle may suffer heatstroke or dehydration, or could result in death or serious injury.
  - The wipers can be operated during system operation. Children or pets left inside the vehicle may mistakenly operate these and cause an accident.
- Depending on the surrounding environment, signals from the wireless switch may transmit further than expected. Pay appropriate attention to the vehicle's surroundings and use the switch only when necessary.
- Turn the wipers off. If the Remote Air Conditioning System operates while the wiper switch is in the on position, the wipers may operate and objects may get caught in the wiper blades.
- Do not operate the A/C if the hood is open. The air conditioning may operate unintentionally and objects may be drawn into the electrical cooling fan.

NOTICE

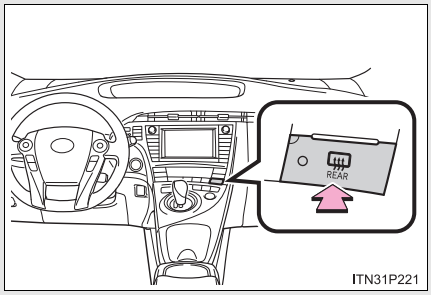
To prevent the hybrid battery (traction battery) from being discharged through incorrect operation

Use the A/C only when necessary.

Rear window and outside rear view mirror defogger switch

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

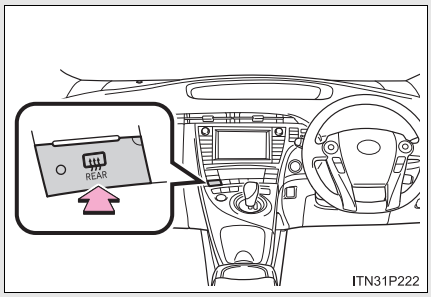
Left-hand drive vehicles



Turns the rear window and outside rear view mirror defoggers on/off

The defoggers will automatically turn off after approximately 15 minutes.

Right-hand drive vehicles



■ **Operating conditions**

The “POWER” switch is in ON mode.

■ **The outside rear view mirror defoggers**

Turning the rear window defogger on will turn the outside rear view mirror defoggers on.

CAUTION

When the outside rear view mirror defoggers are on

Do not touch the outside surface of the rear view mirrors, as they can become very hot and burn you.

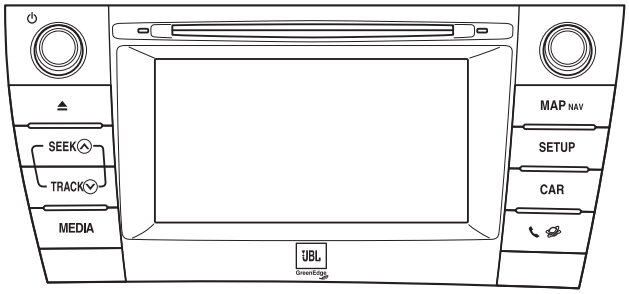
NOTICE

To prevent 12-volt battery discharge

Do not leave the rear window defogger on longer than necessary when the hybrid system is off.

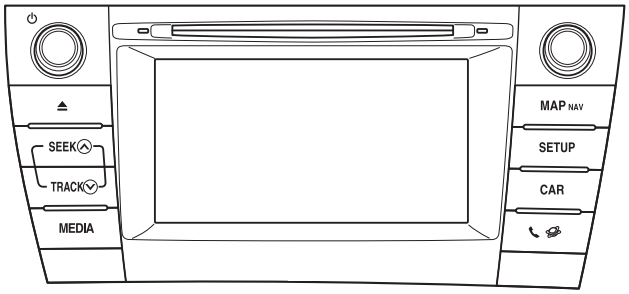
Vehicles with “touch screen”

Type A



ITN32P158

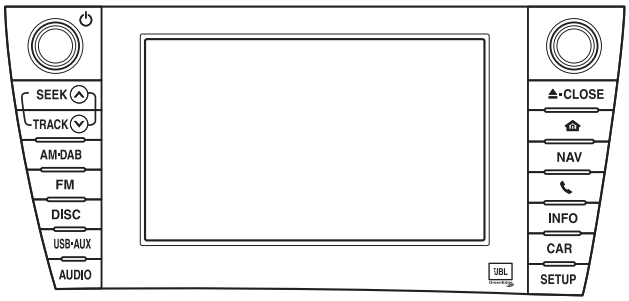
Type B



ITN32P159

Refer to the ““touch screen” Owner’s Manual”.
The illustration is for a left-hand drive vehicles. Some button positions are reversed for right-hand drive vehicles.

Vehicles with a navigation system



ITN32P160

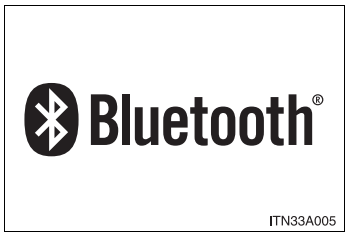
Refer to the “Navigation System Owner’s Manual”.
The illustration is for a left-hand drive vehicles. Some button positions are reversed for right-hand drive vehicles.

Steering wheel audio switches

Some audio features can be controlled using the switches on the steering wheel. For details, refer to the ““touch screen” Owner’s Manual” or “Navigation System Owner’s Manual”.

Operation may differ and usage may not be possible with audio/navigation systems that are not compatible with the steering switches in this vehicle.

■ **About Bluetooth® (vehicles with "touch screen")**



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Other trademarks and trade names are those of their respective owners.

■ **Certification**

CE

Declaration of Conformity (DoC)

Hereby, Panasonic Corporation, declares that this Bluetooth Module ASSY (YEAP01A112) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The latest original "DECLARATION of CONFORMITY" (DoC) is available at the address stated.
[DoC Website address] http://www.ptc.panasonic.de/
(To see the Doc for the product's component, input the product search number: YEAP01A112)

Panasonic Corporation tímto prohlašuje, že tento YEAP01A046 / YEAP01A049 / YEAP01A112 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Undertegnede Panasonic Corporation erklærer herved, at følgende udstyr YEAP01A046 / YEAP01A049 / YEAP01A112 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Panasonic Corporation, dass sich das Gerät YEAP01A046 / YEAP01A049 / YEAP01A112 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Käesolevaga kinnitab Panasonic Corporation seadme YEAP01A046 / YEAP01A049 / YEAP01A112 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Hereby, Panasonic Corporation, declares that this YEAP01A046 / YEAP01A049 / YEAP01A112 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Por medio de la presente Panasonic Corporation declara que el YEAP01A046 / YEAP01A049 / YEAP01A112 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Panasonic Corporation ΔΗΛΩΝΕΙ ΟΤΙ YEAP01A046 / YEAP01A049 / YEAP01A112 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Par la présente Panasonic Corporation déclare que l'appareil YEAP01A046 / YEAP01A049 / YEAP01A112 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Con la presente Panasonic Corporation dichiara che questo YEAP01A046 / YEAP01A049 / YEAP01A112 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Ar šo Panasonic Corporation deklarē, ka YEAP01A046 / YEAP01A049 / YEAP01A112 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Šiuo Panasonic Corporation deklaruoja, kad šis YEAP01A046 / YEAP01A049 / YEAP01A112 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Hierbij verklaart Panasonic Corporation dat het toestel YEAP01A046 / YEAP01A049 / YEAP01A112 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

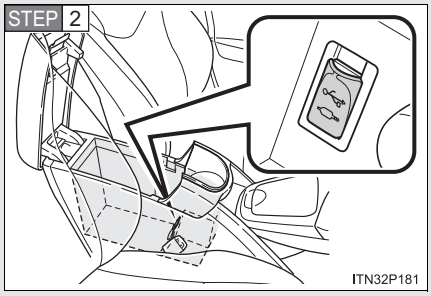
Hawnhekk, Panasonic Corporation, jiddikjara li dan YEAP01A046 / YEAP01A049 / YEAP01A112 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Alulírott, Panasonic Corporation nyilatkozom, hogy a YEAP01A046 / YEAP01A049 / YEAP01A112 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
Niniejszym Panasonic Corporation oświadcza, że YEAP01A046 / YEAP01A049 / YEAP01A112 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Panasonic Corporation declara que este YEAP01A046 / YEAP01A049 / YEAP01A112 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Panasonic Corporation izjavlja, da je ta YEAP01A046 / YEAP01A049 / YEAP01A112 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Panasonic Corporation týmto vyhlasuje, že YEAP01A046 / YEAP01A049 / YEAP01A112 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Panasonic Corporation vakuuttaa täten että YEAP01A046 / YEAP01A049 / YEAP01A112 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Härmed intygar Panasonic Corporation att denna YEAP01A046 / YEAP01A049 / YEAP01A112 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Hér með lýsir Panasonic Corporation yfir því að YEAP01A046 / YEAP01A049 / YEAP01A112 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Panasonic Corporation erklærer herved at utstyret YEAP01A046 / YEAP01A049 / YEAP01A112 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Ovim, Panasonic Corporation, izjavljuje da ovaj YEAP01A046 / YEAP01A049 / YEAP01A112 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.

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.

STEP 1 Open the console box lid. (→P. 372)

STEP 2



Connect the portable audio device.

■ **Operating portable audio devices connected to the audio system**

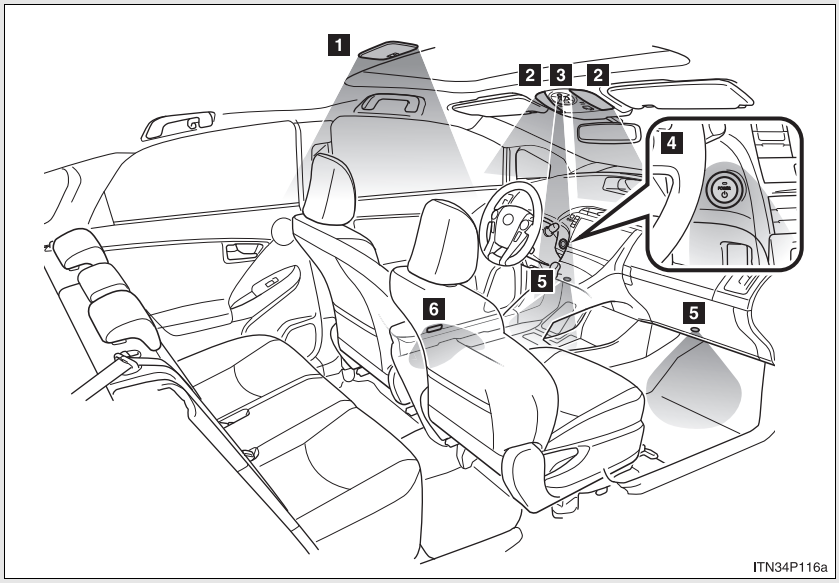
The volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.

■ **When using a portable audio device connected to the power outlet**

Noise may occur during playback. Use the power source of the portable audio device.

*: If equipped

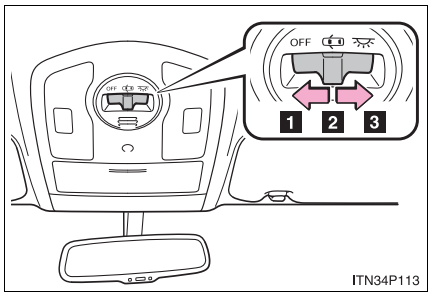
Interior lights list



1 Rear interior light (→P. 367)
2 Front interior/personal lights (→P. 366)
3 Shift lever lighting
4 “POWER” switch lighting
5 Foot lights (if equipped)
6 Front door courtesy lights

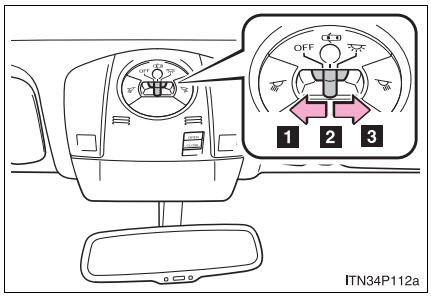
Front interior lights

Type A



1 Turns the lights off
2 Turns the door position on
3 Turns the lights on

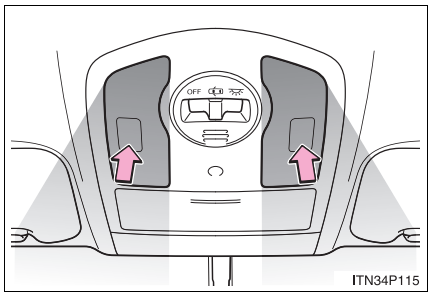
Type B



1 Turns the lights off
2 Turns the door position on
3 Turns the lights on

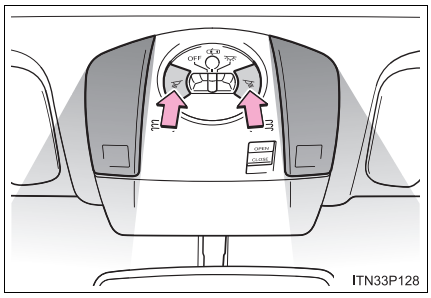
Personal lights

Type A



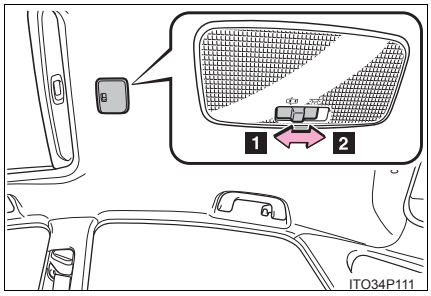
Turns the lights on/off

Type B



Turns the lights on/off

Rear interior light



1 The light will turn on/off in conjunction with the front interior lights

2 Turns the light on

■ **Illuminated entry system**

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

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

If the interior lights remain on when the door is not fully closed and the interior light switch (door position on/off) is on, the lights will go off automatically after 20 minutes.

■ **Customization**

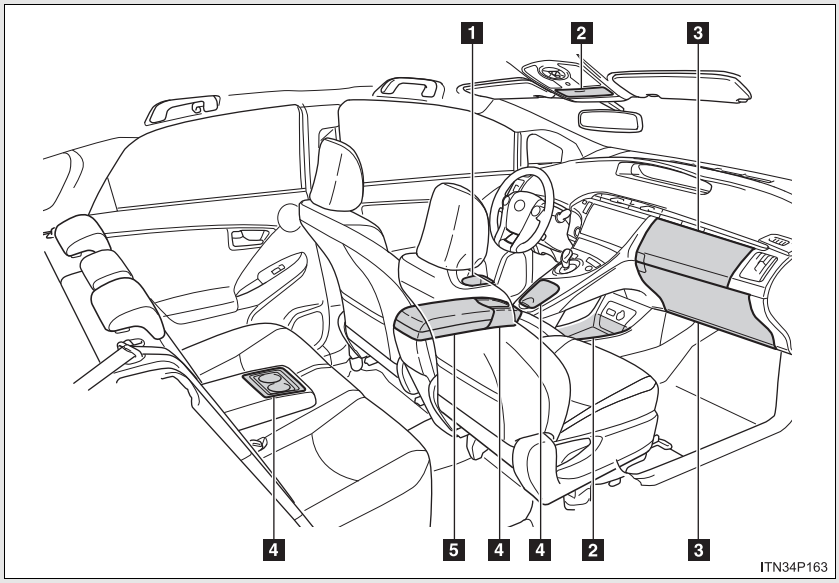
Setting (e.g. The time elapsed before lights turn off) can be changed. (Customizable features →P. 583)

⚠ NOTICE

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

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

List of storage features



1 Bottle holders
2 Auxiliary boxes
3 Glove boxes
4 Cup holders
5 Console box

CAUTION

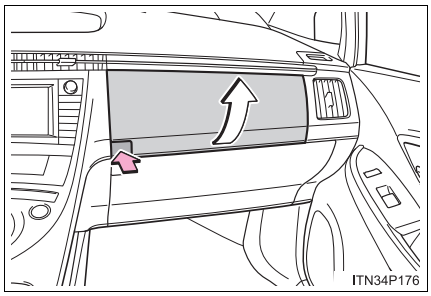
Items that should not be left in the storage spaces

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

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

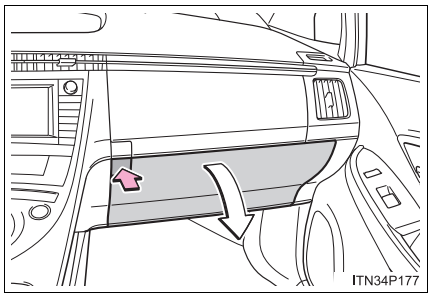
Glove boxes

Upper glove box



Push the button.

Lower glove box



Push the button.

■ **Glove box light (lower glove box only)**

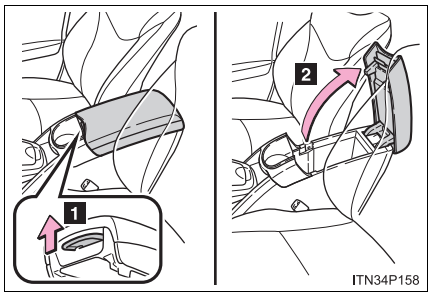
The glove box light turns on when the tail lights are on.

CAUTION

■ **While driving**

Keep the glove box closed when not in use. In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by the open glove box or the items stored inside.

Console box



1 Pull up the lever to release the lock.

2 Lift the console box lid to open.

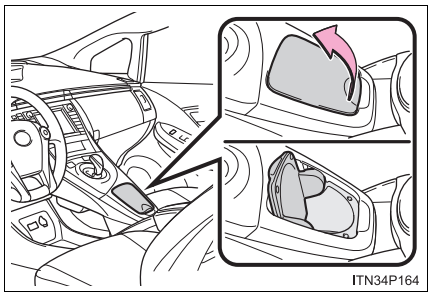
CAUTION

While driving

Keep the console box closed when not is use. In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by the open console box or the items stored inside.

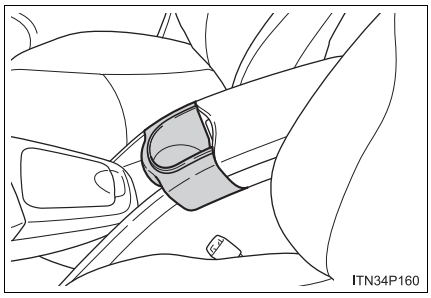
Cup holders

Front (type A)

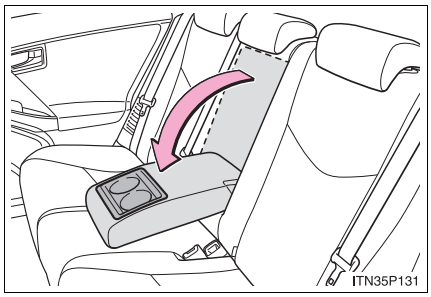


Lift the lid.

Front (type B)



Rear



Pull down the armrest.

CAUTION

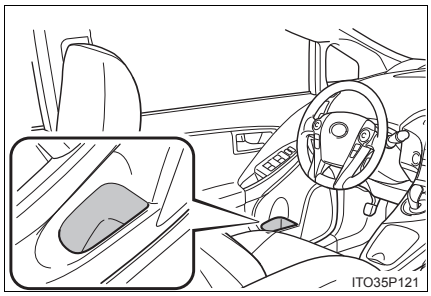
■ **Items unsuitable for the cup holder**

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 sudden braking, sudden swerving or an accident and cause injury. If possible, cover hot drinks to prevent burns.

■ **When not in use**

Keep the cup holders closed.
Injuries may result in the event of sudden braking, sudden swerving or an accident.

Bottle holders



CAUTION

■ Items unsuitable for the bottle holder

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

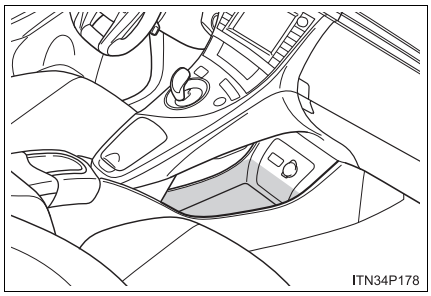
NOTICE

■ Items that should not be stowed in the bottle holders

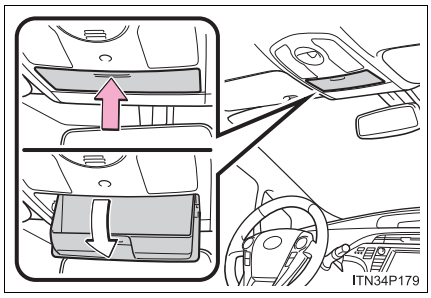
Put the cap on before stowing a bottle. Do not place open bottles in the bottle holders, or glasses and paper cups containing liquid. The contents may spill and glasses may break.

Auxiliary boxes

Type A



Type B (if equipped)



Push the lid.

The overhead console is useful for temporarily storing small items.

CAUTION

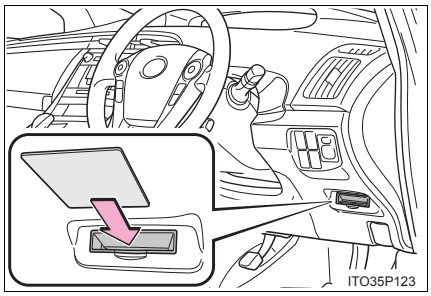
■ **While driving**

Do not leave the overhead console open.
Items may fall out and cause injury.

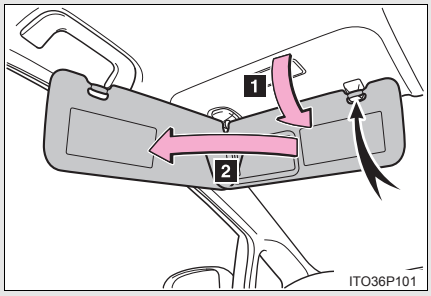
■ **Maximum storage weight**

Do not place any object heavier than 200 g (0.4 lb.) in it. The console may be opened and cause injury.

Card holder (right-hand drive vehicles only)



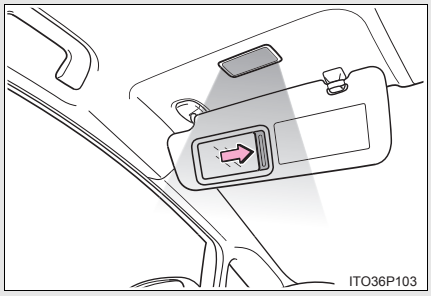
Sun visors



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

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

Vanity mirrors



Slide the cover to open.

The light turns on when the cover is opened.

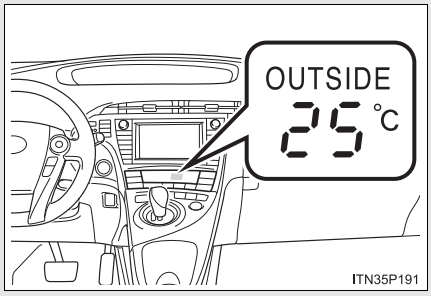
NOTICE

■ To prevent 12-volt battery discharge

Do not leave the vanity lights on for extended periods while the hybrid system is off.

Outside temperature display

The displayed temperature ranges from -30 °C (-22 °F) up to 50 °C (122 °F).



■ **Operating conditions**

The “POWER” switch is in ON mode.

■ **Display**

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

- When stopped, or driving at low speeds (less than 25 km/h [16 mph])
- When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)

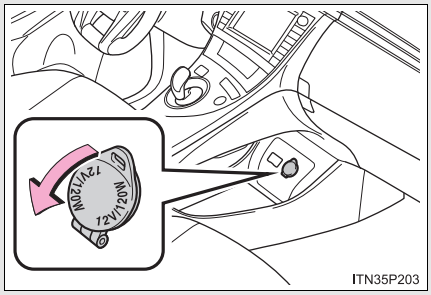
■ **When -- is displayed**

The system may be malfunctioning. Take your vehicle to any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Power outlets

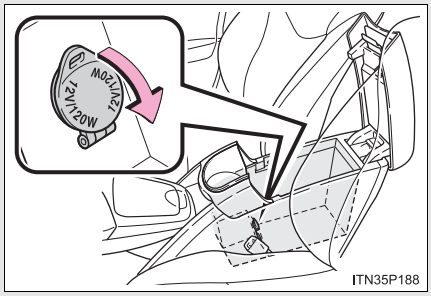
The power outlets can be used for 12 V accessories that run on less than 10 A.

Instrument panel



Open the cover.

Rear console box



Open the cover.

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

The “POWER” switch is in ACCESSORY or ON mode.

NOTICE

To avoid damaging the power outlets

Close the power outlet lid when the power outlet is not in use.
Foreign objects or liquids that enter the power outlet may cause a short circuit.

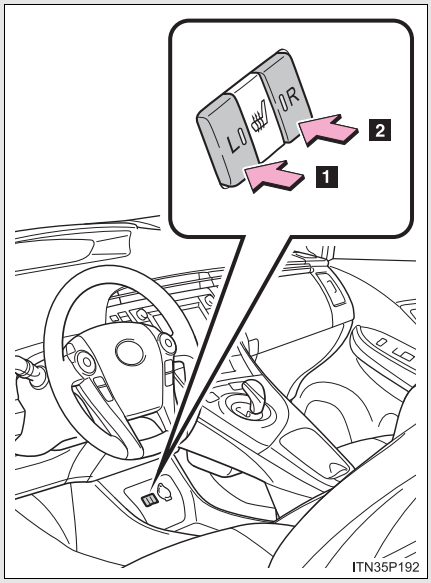
To prevent blown fuse

Do not use an accessory that uses more than 12 V 10 A.

To prevent 12-volt battery discharge

Do not use the power outlets longer than necessary when the hybrid system is off.

Seat heaters*



1 Heats the left front seat

2 Heats the right front seat

The indicator light comes on.
Press the button again to turn off the seat heater.
The indicator light turns off.

■ **The seat heaters can be used when**

The “POWER” switch is in ON mode.

■ **When not in use**

Turn the seat heater off.

*: If equipped

CAUTION

Burns

- Use caution when seating the following persons in a seat with the seat heater on to avoid the possibility of burns:
  - Babies, small children, the elderly, the sick and the physically challenged
  - Persons with sensitive skin
  - Persons who are fatigued
  - Persons who have taken alcohol or drugs that induce sleep (sleeping drugs, cold remedies, etc.)
- Do not cover the seat with anything when using the seat heater.
  Using the seat heater with a blanket or cushion increases the temperature of the seat and may lead to overheating.
- Do not use the seat heater more than necessary. Doing so may cause minor burns or overheating.

NOTICE

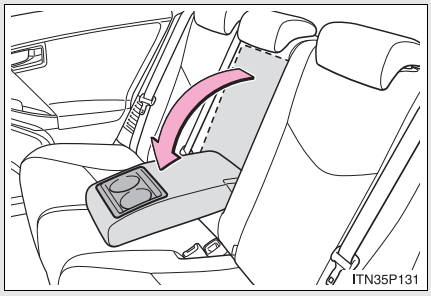
To prevent seat heater damage

Do not put heavy objects that have an uneven surface on the seat and do not stick sharp objects (needles, nails, etc.) into the seat.

To prevent 12-volt battery discharge

Turn the seat heaters off when the hybrid system is off.

Armrest



Pull the armrest down for use.

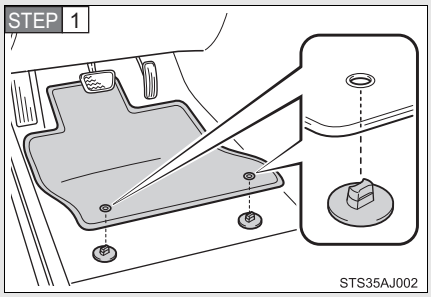
NOTICE

■ **To prevent damage to the armrest**

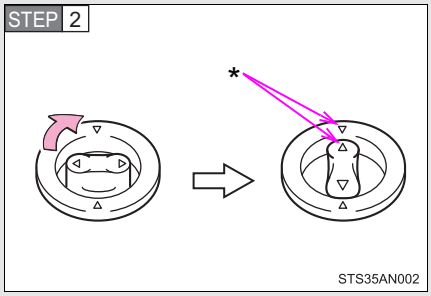
Do not place too much strain on the armrest.

Floor mats

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.



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



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.

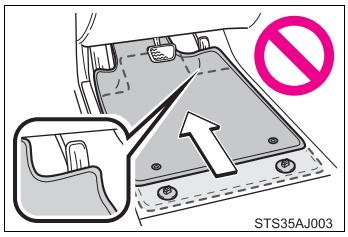
⚠ CAUTION

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, leading to a serious accident.

■ When installing the driver's floor mat

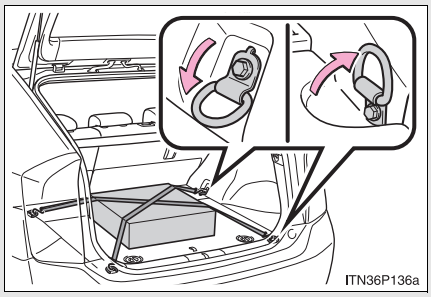
- Do not use floor mats designed for other models or different model year vehicles, even if they are Toyota Genuine floor mats.
- Only use floor mats designed for the driver's seat.
- Always install the floor mat securely using the retaining hooks (clips) provided.
- Do not use two or more floor mats on top of each other.
- Do not place the floor mat bottom-side up or upside-down.

■ Before driving



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

■ Cargo hooks

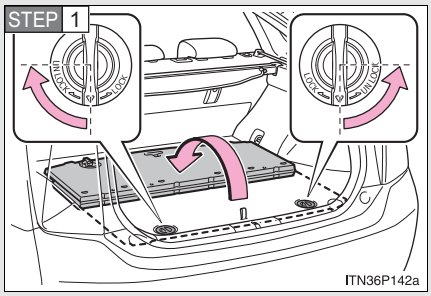


Raise the hook to use.

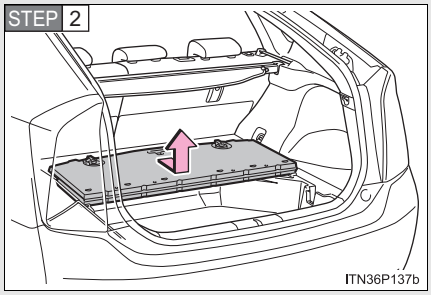
The cargo hooks are provided for securing loose items.

■ Deck boards

Center

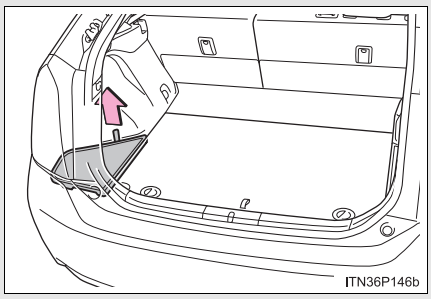


When using the auxiliary box, turn the knob to the “UNLOCK” position and open the lid.



Lift the center deck board to remove it.

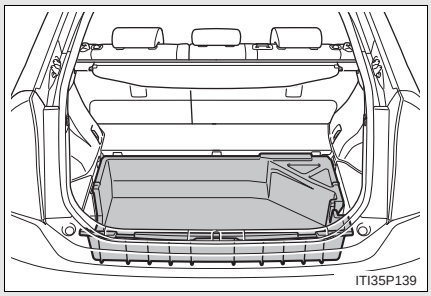
Side



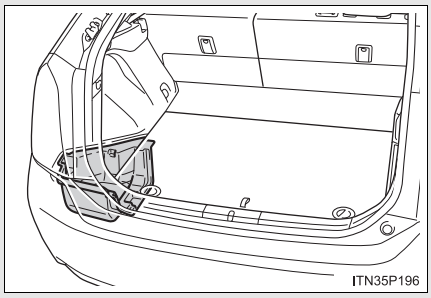
Lift the side deck board to remove it.

■ Auxiliary boxes

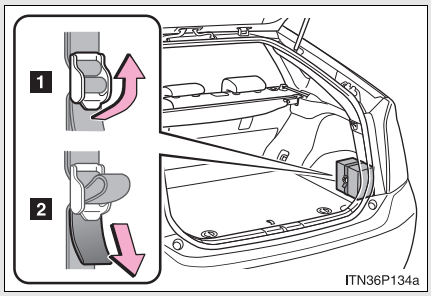
Center



Side



First-aid kit holder



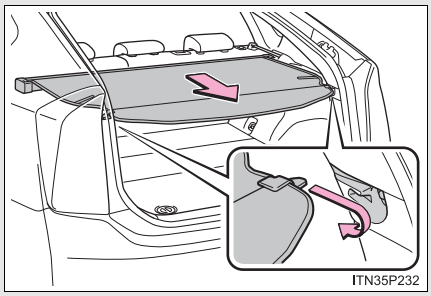
Hold the first-aid kit with a band.

1 To loosen

2 To tighten

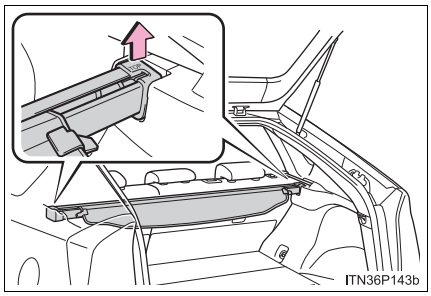
The first-aid kit itself is not included as an original equipment.

Luggage cover



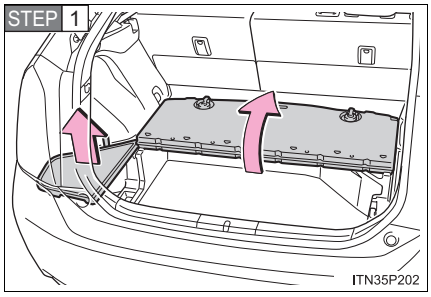
Pull out the luggage cover and secure it to the hook brackets.

Removing the luggage cover

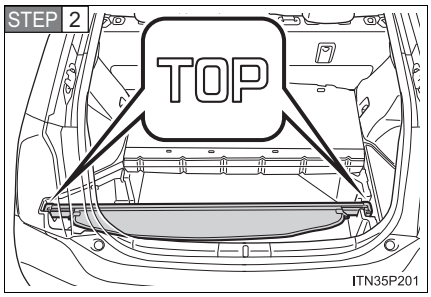


Lift it up.

Stowing the luggage cover



Remove the side deck board and open the center deck board.



Adjust the cover so that “TOP” is facing up.

STEP 3 Replace the side deck board and the center deck board.

CAUTION

■ **When the cargo hooks are not in use**

To avoid injury, always return the cargo hooks to their stowed positions.

■ **Caution while driving**

Keep the lid of each storage spaces closed while driving. In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by an open auxiliary box or the items stored inside.

■ **Caution for the luggage cover**

- Do not allow children to climb on the luggage cover. Climbing on the luggage cover could result in damage to the luggage cover, possibly causing death or serious injury to the child.
- Make sure that the rear edge of the cover is laying flat. If the cover is installed with the rear edge raised, the view from the rear window may be obstructed, which could cause an accident.
- Make sure that seat belts are not caught up in the luggage cover. If a seat belt is caught up in the cover, it may not be able to restrain passengers properly.

Maintenance and care 4

4-1. Maintenance and care

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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 and remove the antenna before washing the vehicle. Start washing from the front of the vehicle. Make sure to re-install the antenna and extend the mirrors before driving.
- Brushes used in automatic car washes may scratch the vehicle surface and harm your vehicle's paint.
- Roof antenna, rear spoiler may not be washable in some automatic car washes. There may also be an increased risk of damage to vehicle.

■ **High pressure car washes**

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

■ **When using a car wash**

If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. Place the key in a position 2 m (6 ft.) or more separate from the vehicle while the vehicle is being washed. (Take care to ensure that the key is not stolen.)

■ **Aluminum wheels**

- 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.

CAUTION

When washing the vehicle

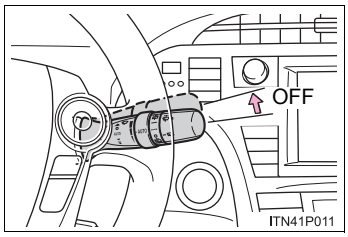
Do not apply water to the inside of the engine compartment. Doing so may cause the electrical components etc. to catch fire.

Precautions regarding the exhaust pipe

Exhaust gasses cause the exhaust pipe to become quite hot.

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

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



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

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

NOTICE

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

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

■ **Cleaning the exterior lights**

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

NOTICE

■ **Antenna installation and removal precautions**

- Before driving, ensure that the antenna is installed.
- When the antenna is removed, such as before entering an automatic car wash, make sure to store it in a suitable place so as not to lose it. Also, before driving, make sure to reinstall the antenna in its original position.

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

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

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

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

Cleaning and protecting the vehicle interior

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

Protecting the vehicle interior

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

Cleaning the leather areas

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

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

Cleaning the synthetic leather areas

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

■ **Caring for leather areas**

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

■ **Shampooing the carpets**

There are several commercial foaming-type cleaners available. Use a sponge or brush to apply the foam. Rub in overlapping circles. Do not use water. Wipe dirty surfaces and let them dry. Excellent results are obtained by keeping the carpet as dry as possible.

■ **Seat belts**

Clean with mild soap and lukewarm water using a cloth or sponge. Also check the belts periodically for excessive wear, fraying or cuts.

⚠ CAUTION

■ **Water in the vehicle**

- Do not splash or spill liquid in the vehicle, such as on the floor, in the hybrid battery (traction battery) air vents, and in the luggage compartment. Doing so may cause the hybrid battery (traction battery), electrical components, etc. to malfunction or catch fire.
- Do not get any of the SRS components or wiring in the vehicle interior wet. (→P. 155)
  An electrical malfunction may cause the airbags to deploy or not function properly, resulting in death or serious injury.

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

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

NOTICE

Cleaning detergents

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

Preventing damage to leather surfaces

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

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

NOTICE

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 is essential. Toyota recommends performing the following maintenance:

Scheduled maintenance

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

For full details of your maintenance schedule, read the “Toyota Service Booklet” or “Toyota Warranty Booklet”.

Do-it-yourself maintenance

What about do-it-yourself maintenance?

Many maintenance items are easy to do yourself if you have a little mechanical ability and a few basic automotive tools.

Note, however, that some maintenance tasks require special tools and skills. These are best performed by qualified technicians. Even if you’re an experienced do-it-yourself mechanic, we recommend that repairs and maintenance be conducted by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. Any authorized Toyota dealer or repairer will keep a record of maintenance, which could be useful should you ever require Warranty Service. Should you choose to select a qualified and equipped professional other than an authorized Toyota repairer to service or maintain your vehicle, we recommend that you request that a record of maintenance be kept.

■ **Where to go for service?**

In order to maintain your vehicle in the best possible condition, Toyota recommends that all repairs and service operations be carried out by authorized Toyota dealers or repairers or other duly qualified and equipped professionals. For repairs and services covered by your warranty, please visit an authorized Toyota dealer or repairer, who will use genuine Toyota parts in repairing any difficulties you may encounter. There can also be advantages in utilizing authorized Toyota dealers or repairers for non-warranty repairs and services, as members of the Toyota network will be able to expertly assist you with any difficulties you may encounter.

Your Toyota dealer or repairer, or another duly qualified and equipped professional will perform all of the scheduled maintenance on your vehicle reliably and economically due to their experience with Toyota vehicles.

■ **Does your vehicle need repair?**

Be on the alert for changes in performance and sounds, and visual tip-offs that indicate service is needed. Some important clues are:

- Engine missing, stumbling or pinging
- Appreciable loss of power
- Strange engine noises
- A fluid leak under the vehicle (However, water dripping from the air conditioning system after use is normal.)
- Change in exhaust sound (This may indicate a dangerous carbon monoxide leak. Drive with the windows open and have the exhaust system checked immediately.)

- Flat-looking tires, excessive tire squeal when cornering, uneven tire wear
- Vehicle pulls to one side when driving straight on a level road
- Strange noises related to suspension movement
- Loss of brake effectiveness, spongy feeling brake pedal, pedal almost touches the floor, vehicle pulls to one side when braking
- Engine coolant temperature continually higher than normal

If you notice any of these clues, take your vehicle to any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible. Your vehicle may need adjustment or repair.

⚠ CAUTION

■ If your vehicle is not properly maintained

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

■ Handling of the 12-volt battery

12-volt battery posts, terminals and related accessories contain lead and lead compounds which are known to cause brain damage. Wash your hands after handling. (→P. 426)

Do-it-yourself service precautions

If you perform maintenance by yourself, be sure to follow the correct procedure as given in these sections.

Items	Parts and tools
12-volt battery condition (→P. 426)	• Grease • Conventional wrench (for terminal clamp bolts)
Engine/power control unit coolant level (→P. 421)	• “Toyota Super Long Life Coolant” or a similar high quality ethylene glycol-based non-silicate, non-amine, non-nitrite and non-borate coolant with long-life hybrid organic acid technology. “Toyota Super Long Life Coolant” is pre-mixed with 50% coolant and 50% deionized water. • Funnel (used only for adding coolant)
Engine oil level (→P. 417)	• “Toyota Genuine Motor Oil” or equivalent • Rag or paper towel • Funnel (used only for adding engine oil)

Items	Parts and tools
Fuses (→P. 448)	• Fuse with same amperage rating as original
Light bulbs (→P. 461)	• Bulb with same number and wattage rating as original • Phillips-head screwdriver • Flathead screwdriver • Wrench
Radiator and condenser (→P. 423)	—
Tire inflation pressure (→P. 436)	• Tire pressure gauge • Compressed air source
Washer fluid (→P. 424)	• Water or washer fluid containing antifreeze (for winter use) • Funnel (used only for adding water or washer fluid)

⚠ CAUTION

The engine compartment contains many mechanisms and fluids that may move suddenly, become hot, or become electrically energized. To avoid death or serious injury, observe the following precautions.

■ **When working on the engine compartment**

- Make sure that the indicator on the “POWER” switch and the “READY” indicator are both off.
- Keep hands, clothing and tools away from the moving fan.
- Be careful not to touch the engine, power control unit, radiator, exhaust manifold, etc. right after driving as they may be hot. Oil and other fluids may also be hot.
- Do not leave anything that may burn easily, such as paper and rags, in the engine compartment.
- Do not smoke, cause sparks or expose an open flame to fuel. Fuel fumes are flammable.

■ **When working near the electric cooling fans or radiator grille**

Be sure the “POWER” switch is off.
With the “POWER” switch in ON mode, the electric cooling fans may automatically start to run if the air conditioning is on and/or the coolant temperature is high. (→P. 423)

■ **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. Also, a backfire could cause a fire in the engine compartment.

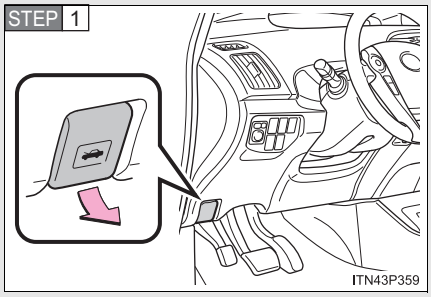
If the brake fluid level is low or high

It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high.
If the reservoir needs frequent refilling, it may indicate a serious problem.

Hood

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

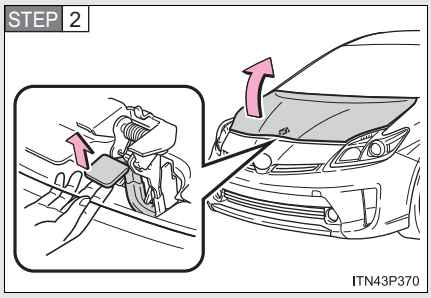
STEP 1



Pull the hood lock release lever.

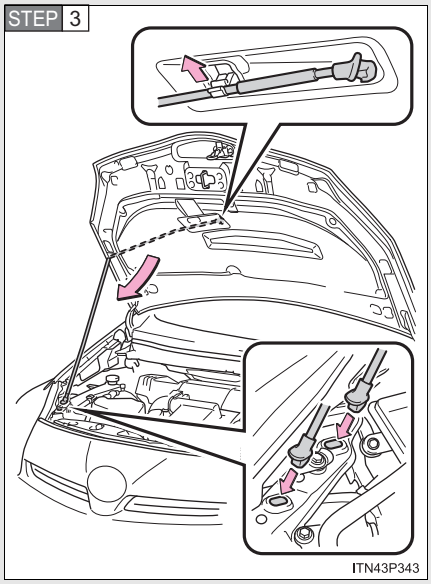
The hood will pop up slightly.

STEP 2



Pull up the auxiliary catch lever and lift the hood.

STEP 3



Hold the hood open by inserting the supporting rod into either of the slots.

Use the forward slot to open the hood normally, or use the rearward slot when the hood needs to be opened wide.

⚠ CAUTION

■ Pre-driving check

Check that the hood is fully closed and locked.
If the hood is not locked properly, it may open while the vehicle is in motion and cause an accident, which may result in death or serious injury.

■ After installing the support rod into the slot

Make sure the rod supports the hood securely from falling down on to your head or body.

NOTICE

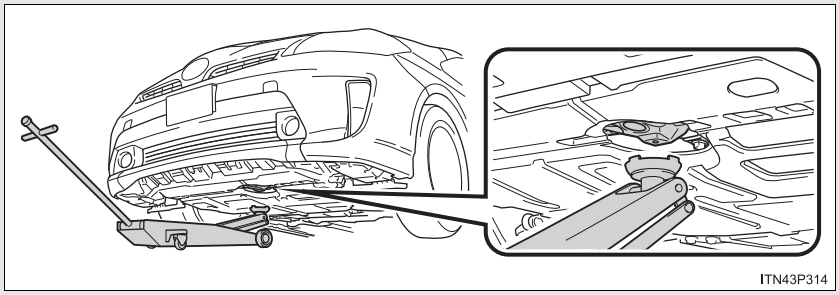
When closing the hood

Be sure to return the support rod to its clip before closing the hood. Closing the hood without returning the support rod properly could cause the hood to bend.

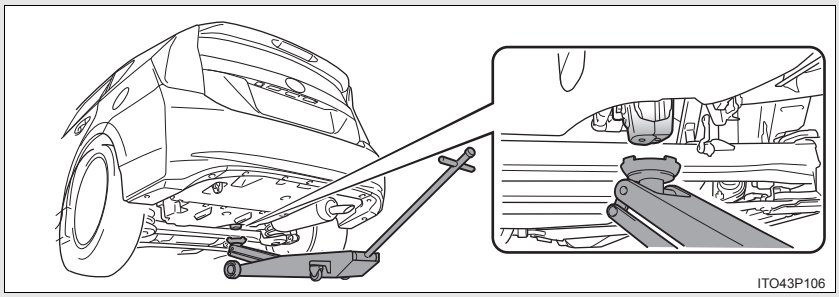
Positioning a floor jack

When raising your vehicle with a floor jack, position the jack correctly. Improper placement (such as under rear suspension etc.) may damage your vehicle or cause injury.

■ Front



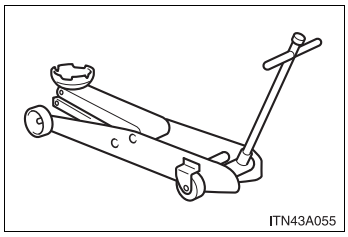
■ Rear



CAUTION

When raising your vehicle

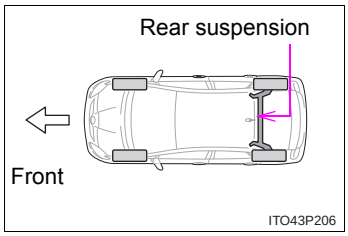
Make sure to observe the following precautions to reduce the possibility of death or serious injury:



- Lift up the vehicle using a floor jack such as the one shown in the illustration.
- When using a floor jack, follow the instructions of the manual provided with the jack.
- Do not use the jack that was supplied with your vehicle.
- Do not put any part of your body underneath the vehicle when it is supported only by the floor jack.
- Always use floor jack and/or automotive jack stands on a solid, flat, level surface.
- Do not start the hybrid system while the vehicle is supported by the floor jack.
- Stop the vehicle on level, firm ground, firmly set the parking brake and shift the shift position to P.
- Make sure to set the floor jack properly at the jack point.
  Raising the vehicle with an improperly positioned floor jack will damage the vehicle and may cause the vehicle to fall off the floor jack.

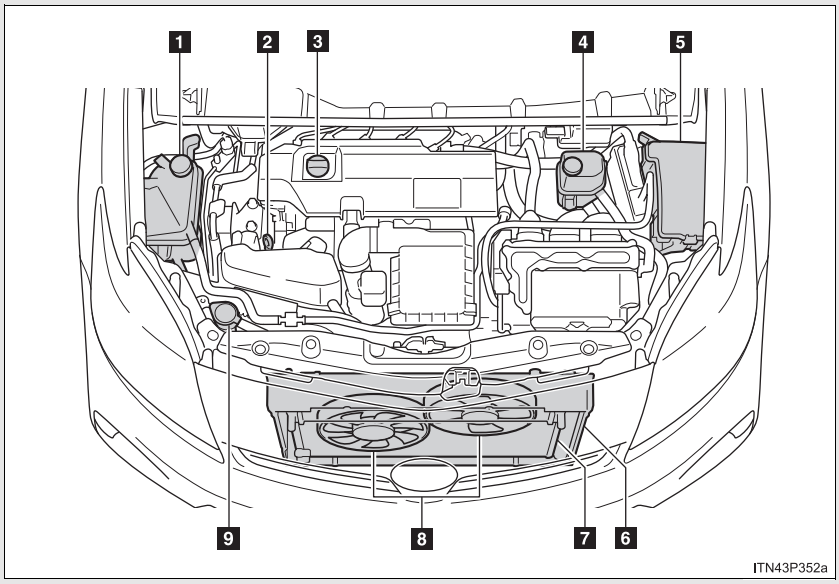
CAUTION

- Do not raise the vehicle while someone is in the vehicle.
- When raising the vehicle, do not place any object on top of or underneath the floor jack.



- When raising the vehicle, do not set the floor jack under the rear suspension.

Engine compartment



1 Engine coolant reservoir (→P. 421)
2 Engine oil level dipstick (→P. 417)
3 Engine oil filler cap (→P. 417)
4 Power control unit coolant reservoir (→P. 421)
5 Fuse box (→P. 448)
6 Radiator (→P. 423)
7 Condenser (→P. 423)
8 Electric cooling fans
9 Washer fluid tank (→P. 424)

■ **12-volt battery**

→P. 426

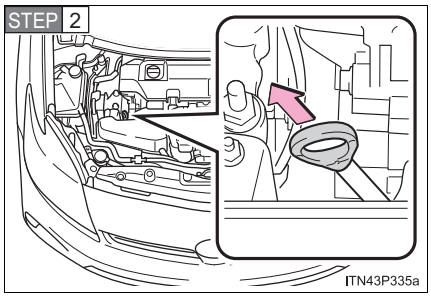
Engine oil

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

■ Checking the engine oil

STEP 1 Park the vehicle on level ground. After warming up the engine and turning off the hybrid system, wait more than 5 minutes for the oil to drain back into the bottom of the engine.

STEP 2



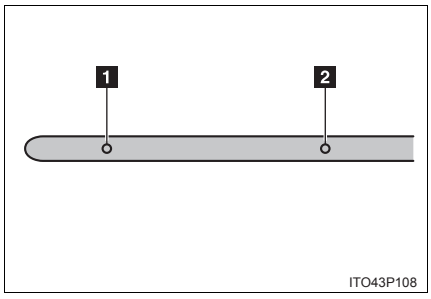
Holding a rag under the end, pull the dipstick out.

STEP 3 Wipe the dipstick clean.

STEP 4 Reinsert the dipstick fully.

STEP 5 Holding a rag under the end, pull the dipstick out and check the oil level.

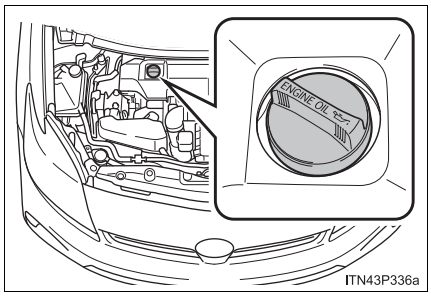
STEP 6 Wipe the dipstick and reinsert it fully.



1 Low

2 Full

■ 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. 573
Oil quantity (Low → Full)	1.5 L (1.6 qt., 1.3 Imp.qt.)
Items	Clean funnel

STEP 1 Remove the oil filler cap by turning it counterclockwise.

STEP 2 Add engine oil slowly, checking the dipstick.

STEP 3 Install the oil filler cap by turning it clockwise.

■ **Engine oil consumption**

- The amount of engine oil consumed depends on the oil viscosity, the quality of the oil and the way the vehicle is driven.
- More oil is consumed under driving conditions such as high speeds and frequent acceleration and deceleration.
- A new engine consumes more oil.
- When judging the amount of oil consumption, keep in mind that the oil may have become diluted, making it difficult to judge the true level accurately.
- Oil consumption: Max. 1.0 L/1000 km (1.1 qt./600 miles, 0.9 Imp.qt./600 miles)
- If your vehicle consumes more than 1.0 L (1.1 qt., 0.9 Imp.qt.) every 1000 km (600 miles), contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

CAUTION

Used engine oil

- Used engine oil contains potentially harmful contaminants which may cause skin disorders such as inflammation and skin cancer, so care should be taken to avoid prolonged and repeated contact. To remove used engine oil from your skin, wash thoroughly with soap and water.
- Dispose of used oil and filters only in a safe and acceptable manner. Do not dispose of used oil and filters in household trash, in sewers or onto the ground. Call any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, service station or auto parts store for information concerning recycling or disposal.
- Do not leave used engine oil within the reach of children.

NOTICE

To prevent serious engine damage

Check the oil level on a regular basis.

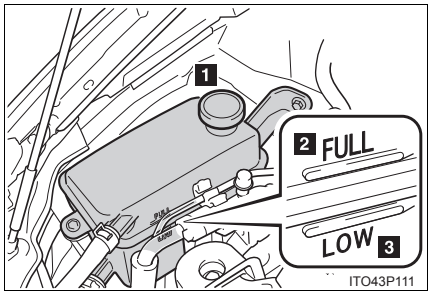
When replacing the engine oil

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

Coolant

The coolant level is satisfactory if it is between the full (“FULL” or “F”) and low (“LOW” or “L”) lines on the reservoir when the hybrid system is cold.

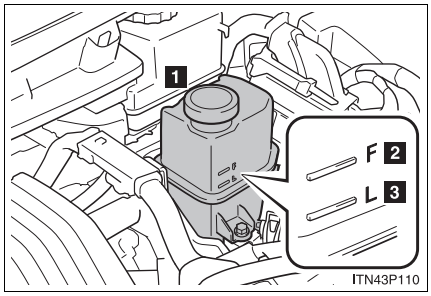
Engine coolant reservoir



1 Reservoir cap
2 “FULL” line
3 “LOW” line

If the level is on or below the “LOW” line, add coolant up to the “FULL” line. (→P. 576)

Power control unit coolant reservoir



1 Reservoir cap
2 “F” line
3 “L” line

If the level is on or below the “L” line, add coolant up to the “F” line. (→P. 576)

■ **Coolant selection**

Only use “Toyota Super Long Life Coolant” or a similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology.

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

For more details about coolant, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **If the coolant level drops within a short time of replenishing**

Visually check the radiator, hoses, engine/power control unit coolant reservoir caps, drain cock and water pump.
If you cannot find a leak, have any authorized Toyota dealer or repairer, or another duly qualified and equipped professional test the cap and check for leaks in the cooling system.

⚠ CAUTION

■ **When the hybrid system is hot**

Do not remove the engine/power control unit coolant reservoir caps.
The cooling system may be under pressure and may spray hot coolant if the cap is removed, causing serious injuries, such as burns.

NOTICE

■ **When adding coolant**

Coolant is neither plain water nor straight antifreeze. The correct mixture of water and antifreeze must be used to provide proper lubrication, corrosion protection and cooling. Be sure to read the antifreeze or coolant label.

■ **If you spill coolant**

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

Radiator and condenser

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

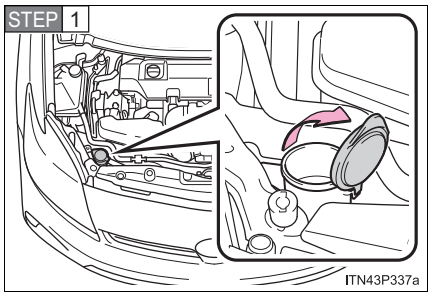
If either of the above parts is extremely dirty or you are not sure of their condition, have your vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

CAUTION

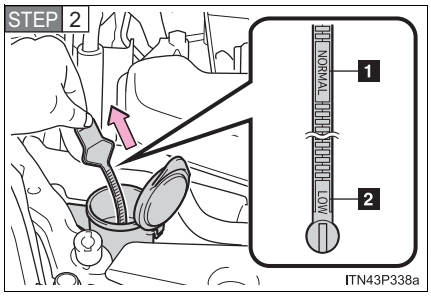
■ **When the hybrid system is hot**

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

Washer fluid



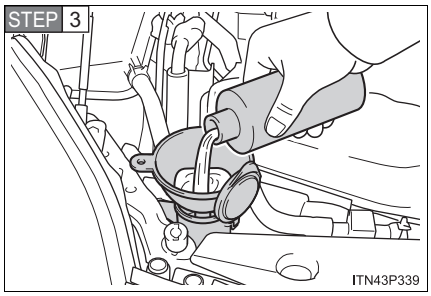
Open the lid.



Check the washer fluid level on the level gauge.

1 “NORMAL”

2 “LOW”



If the washer fluid level is at “LOW”, add washer fluid.

CAUTION

When adding washer fluid

Do not add washer fluid when the hybrid system is hot or operating as washer fluid contains alcohol and may catch fire if spilled on the engine etc.

NOTICE

Do not use any fluid other than washer fluid

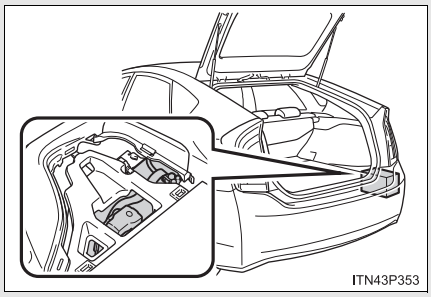
Do not use soapy water or engine antifreeze instead of washer fluid.
Doing so may cause streaking on the vehicle's painted surfaces.

Diluting washer fluid

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

12-volt battery

■ Location



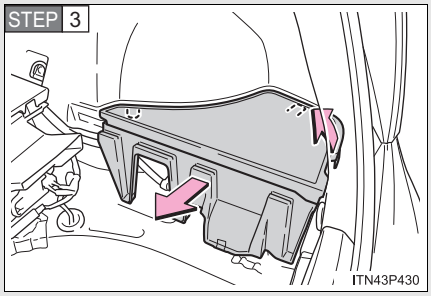
The 12-volt battery is located in the right-hand side of luggage compartment.

■ Removing the 12-volt battery cover

STEP 1 Open the center deck board. (→P. 388)

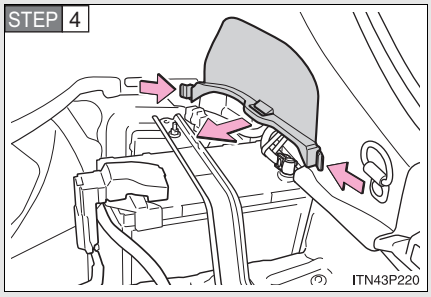
STEP 2 Remove the center auxiliary box. (→P. 389)

STEP 3



Remove the side deck board and 12-volt battery cover.

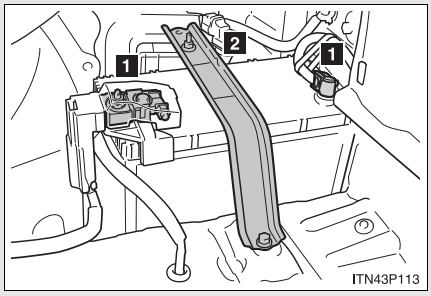
STEP 4



Remove the 12-volt battery maintenance cover.

■ **Exterior**

Make sure that the 12-volt battery terminals are not corroded and that there are no loose connections, cracks, or loose clamps.



1 Terminals
2 Hold-down clamp

■ **Caution symbol**

The meanings of each caution symbol on the top of the battery are as follows:

	No smoking, no naked flames, no sparks		Battery acid
	Shield eyes		Note operating instructions
	Keep away from children		Explosive gas

■ **Before recharging**

When recharging, the 12-volt battery produces hydrogen gas which is flammable and explosive. Therefore, observe the following precautions before recharging:

- If recharging with the 12-volt battery installed on the vehicle, be sure to disconnect the ground cable.
- Make sure the power switch on the charger is off when connecting and disconnecting the charger cables to the 12-volt battery.

■ **After recharging/reconnecting the 12-volt battery**

- Unlocking the doors using the smart entry & start system may not be possible immediately after reconnecting the 12-volt battery. If this happens, use the wireless remote control or the mechanical key to lock/unlock the doors.
- Start the hybrid system with the “POWER” switch in ACCESSORY mode. The hybrid system may not start with the “POWER” switch turned off. However, the hybrid system will operate normally from the second attempt.
- The “POWER” switch mode is recorded by the vehicle. If the 12-volt battery is reconnected, the vehicle will return the “POWER” switch mode to the status it was in before the 12-volt battery was disconnected. Make sure to turn off the power before disconnect the 12-volt battery. Take extra care when connecting the 12-volt battery if the “POWER” switch mode prior to discharge is unknown.
- Restart the hybrid system, depress the brake pedal, and confirm that it is possible to shift into each shift position.

If the system will not start even after multiple attempts at all methods above, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

CAUTION

Chemicals in the 12-volt battery

The 12-volt battery contains poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of death or serious injury, take the following precautions while working on or near the 12-volt battery:

- Do not cause sparks by touching the 12-volt battery terminals with tools.
- Do not smoke or light a match near the 12-volt battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.
- Wear protective safety glasses when working near the 12-volt battery.
- Keep children away from the 12-volt battery.

Where to safely charge the 12-volt battery

Always charge the 12-volt battery in an open area. Do not charge the 12-volt battery in a garage or closed room where there is insufficient ventilation.

How to recharge the 12-volt battery

Only perform a slow charge (5 A or less). The 12-volt battery may explode if charged at a quicker rate.

CAUTION

■ Emergency measures regarding electrolyte

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

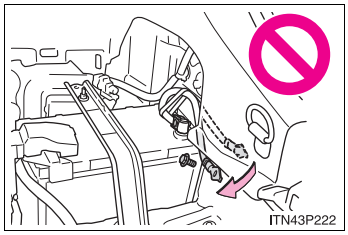
■ When replacing the 12-volt battery

Use a 12-volt battery designed for this vehicle. Failure to do so may cause gas (hydrogen) to enter the passenger compartment, causing a fire or explosion.

For replacement of the 12-volt battery, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

CAUTION

When disconnecting the 12-volt battery



Do not disconnect the negative (-) terminal on the body side as shown. The disconnected negative (-) terminal may touch the positive (+) terminal, which may cause a short and result in death or serious injury.

NOTICE

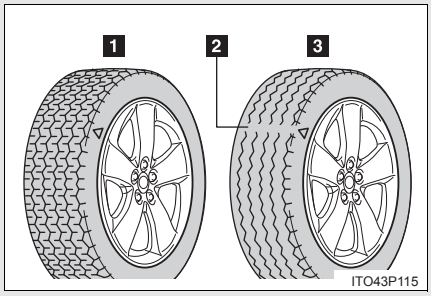
When recharging the 12-volt battery

Never recharge the 12-volt battery while the hybrid system is operating. Also, be sure all accessories are turned off.

Tires

Replace or rotate tires in accordance with maintenance schedules and treadwear.

■ Checking tires



1 New tread

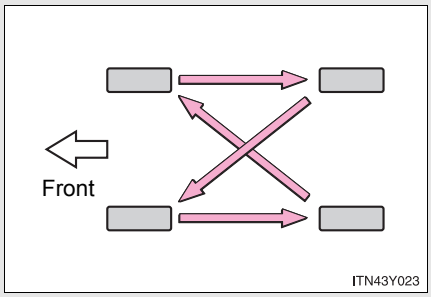
2 Treadwear indicator

3 Worn tread

The location of treadwear indicators is shown by the “TWI” or “Δ” marks, etc., molded on the sidewall of each tire.

Check spare tire condition and pressure if not rotated.

■ Tire rotation



Rotate the tires in the order shown.

To equalize tire wear and help extend tire life, Toyota recommends that you rotate tires approximately every 10000 km (6000 miles).

■ **When to replace your vehicle's tires**

Tires should be replaced if:

- You have tire damage such as cuts, splits, cracks deep enough to expose the fabric, and bulges indicating internal damage.
- A tire goes flat repeatedly or cannot be properly repaired due to the size or location of a cut or other damage.

If you are not sure, consult with any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Tire life**

Any tire over 6 years old must be checked by a qualified technician even if it has seldom or never been used or damage is not obvious.

■ **Low profile tires (vehicles with 17-inch tires)**

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

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

The effectiveness of the tires as snow tires is lost.

CAUTION

When inspecting or replacing tires

Observe the following precautions to prevent accidents.
Failure to do so may cause damage to parts of the drive train as well as dangerous handling characteristics, which may lead to an accident resulting in death or serious injury.

- Do not mix tires of different makes, models or tread patterns.
  Also, do not mix tires of remarkably different treadwear.
- Do not use tire sizes other than those recommended by Toyota.
- Do not mix differently constructed tires (radial, bias-belted or bias-ply tires).
- Do not mix summer, all season and snow tires.
- Do not use tires that have been used on another vehicle.
  Do not use tires if you do not know how they were used previously.

NOTICE

Driving on rough roads

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

Low profile tires (vehicles with 17-inch tires)

Low profile tires may cause greater damage than usual to the wheel when receiving 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 pot holes, uneven pavement, curbs and other road hazards. Failure to do so can lead to severe tire and wheel damage.

If tire inflation pressure of each tire becomes low while driving

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

Tire inflation pressure

Make sure to maintain the proper tire inflation pressure. Tire inflation pressure should be checked at least once per month. However, Toyota recommends that tire inflation pressure be checked once every two weeks. (→P. 578)

Effects of incorrect tire inflation pressure

Driving with incorrect tire inflation pressure may result in the following:

- Reduced fuel efficiency
- Reduced driving comfort and tire life
- Reduced safety
- Damage to the drive train

If a tire needs frequent inflating, have it checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Instructions for checking tire inflation pressure

When checking tire inflation pressure, observe the following:

- Check only when the tires are cold.
  If your vehicle has been parked for at least 3 hours or has not been driven for more than 1.5 km or 1 mile, you will get an accurate cold tire inflation pressure reading.
- Always use a tire pressure gauge.
  The appearance of the tire can be misleading. In addition, tire inflation pressure that is even just a few pounds off can affect ride quality and handling.
- Do not reduce tire inflation pressure after driving. It is normal for tire inflation pressure to be higher after driving.
- Never exceed the vehicle capacity weight.
  Passengers and luggage weight should be placed so that the vehicle is balanced.

CAUTION

■ Proper inflation is critical to save tire performance

Keep your tires properly inflated. Otherwise, the following conditions may occur and result in an accident causing death or serious injury:

- Excessive wear
- Uneven wear
- Poor handling
- Possibility of blowouts resulting from overheated tires
- Poor sealing of the tire bead
- Wheel deformation and/or tire separation
- A greater possibility of tire damage from road hazards

NOTICE

■ When inspecting and adjusting tire inflation pressure

Be sure to put the tire valve caps back on.
Without the valve caps, dirt or moisture could get into the valve and cause air leakage, which could result in an accident. If the caps are lost, replace them as soon as possible.

Wheels

If a wheel is bent, cracked or heavily corroded, it should be replaced. Otherwise, the tire may separate from the wheel or cause a loss of handling control.

Wheel selection

When replacing wheels, care should be taken to ensure that they are equivalent to those removed in load capacity, diameter, rim width and inset*.

Replacement wheels are available at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

*: Conventionally referred to as “offset”.

Toyota does not recommend using the following:

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

Aluminum wheel precautions

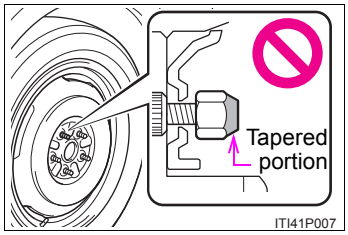
- Use only Toyota wheel nuts and wrenches designed for use with your aluminum wheels.
- When rotating, repairing or changing your tires, check that the wheel nuts are still tight after driving 1600 km (1000 miles).
- Be careful not to damage the aluminum wheels when using tire chains.
- Use only Toyota genuine balance weights or equivalent and a plastic or rubber hammer when balancing your wheels.

CAUTION

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.

Air conditioning filter

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

Left-hand drive vehicles

When cleaning or replacing the air conditioning filter, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Right-hand drive vehicles

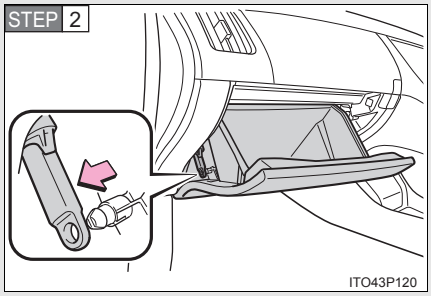
When cleaning or replacing the air conditioning filter, follow the procedure below.

■ **Removal method**

STEP 1 Turn the “POWER” switch off.

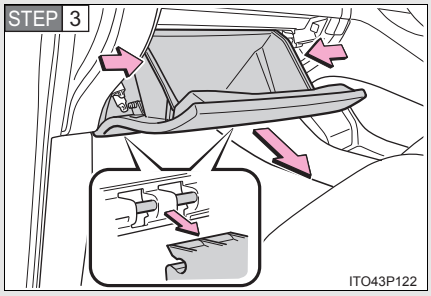
Vehicles with Solar Ventilation System: Make sure that the ventilation switch is off. Also, do not use the Remote Air Conditioning System during the procedure.

STEP 2



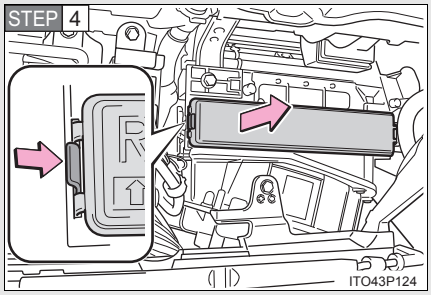
Open the glove box and slide off the damper.

STEP 3



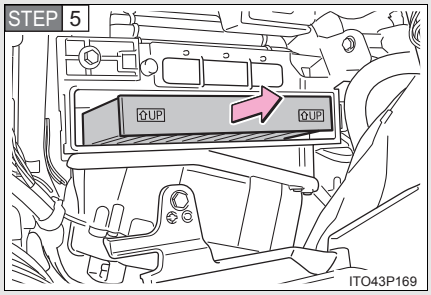
Push each side of the glove box to release the pins. Then disconnect the claws at the bottom and remove the glove box.

STEP 4



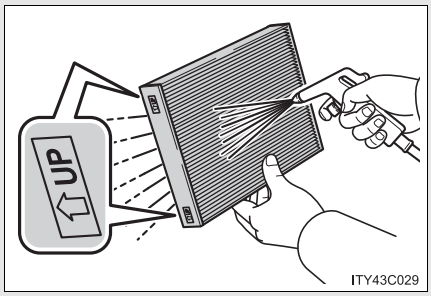
Remove the filter cover.

STEP 5



Slide and pull out the filter.

■ **Cleaning method**

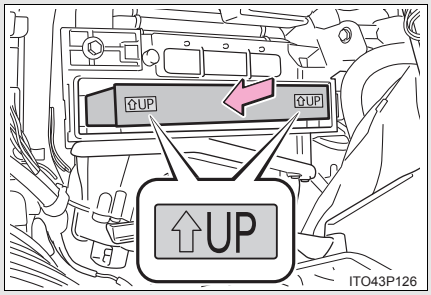


If the filter is dirty, clean by blowing compressed air through the filter from the underside.

Hold the air gun 5 cm (2 in.) from the filter and blow for approximately 2 minutes at 500 kPa (5.0 kgf/cm^2 or bar, 72 psi).

If an air gun is not available, have the filter cleaned by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Replacement method**



Replace it with a new one.

The "↑UP" marks shown on the filter should be pointing up.

■ **Checking interval**

Inspect, clean and replace the air conditioning filter according to the maintenance schedule. In dusty areas or areas with heavy traffic flow, more frequent cleaning or early replacement may be required. (For scheduled maintenance information, please refer to the “Toyota Service Booklet” or “Toyota Warranty Booklet”.)

■ **If air flow from the vents decreases dramatically**

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

⚠ CAUTION

■ **When cleaning or replacing the air conditioning filter (vehicles with Solar Ventilation System)**

Observe the following precautions. Failure to do so, the air conditioning system may operate during the procedure, and you could get caught in moving parts such as the cooling fans, possibly resulting in injury.

- Turn the ventilation switch off
- Do not use the Remote Air Conditioning System

⚠ NOTICE

■ **To prevent damage to the system**

- When using the air conditioning system, make sure that a filter is always installed.
- When cleaning the filter, do not clean with water.

Electronic key battery

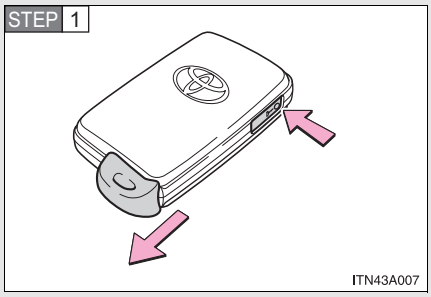
Replace the battery with a new one if it is depleted.

You will need the following items:

- Flathead screwdriver
- Lithium battery CR1632

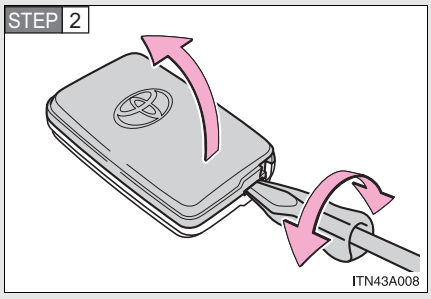
Replacing the battery

STEP 1



Take out the mechanical key.

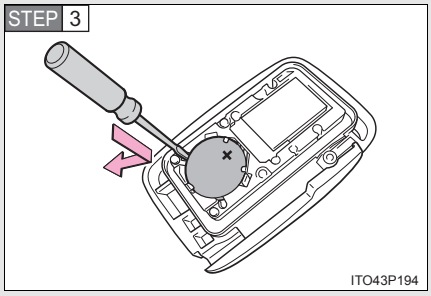
STEP 2



Remove the cover.

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

STEP 3



Remove the depleted battery.

Insert a new battery with the "+" terminal facing up.

STEP 4 When installing, reverse the steps listed.

■ **Use a CR1632 lithium battery**

- Batteries can be purchased at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, local electrical appliance shops or camera stores.
- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to local laws.

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

The following symptoms may occur:

- The smart entry & start system and wireless remote control will not function properly.
- The operational range will be reduced.

CAUTION

■ **Removed battery and other parts**

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

■ **Certification for the smart entry & start system**

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

NOTICE

■ **For normal operation after replacing the battery**

Observe the following precautions to prevent accidents:

- Always work with dry hands.
  Moisture may cause the battery to rust.
- Do not touch or move any other component inside the remote control.
- Do not bend either of the battery terminals.

Checking and replacing fuses

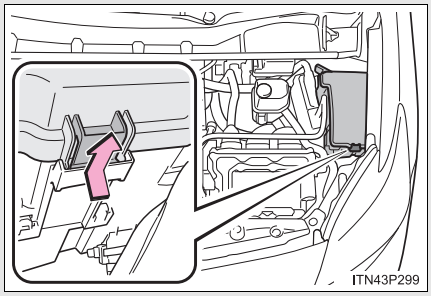
If any of the electrical components do not operate, a fuse may have blown. If this happens, check and replace the fuses as necessary.

STEP 1 Turn the “POWER” switch off.

Vehicles with Solar Ventilation System: Turn the Solar Ventilation System off and make sure not to operate the Remote Air Conditioning System.

STEP 2 Open the fuse box cover.

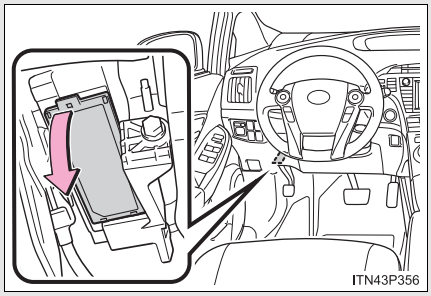
Engine compartment



Push the tab in and lift the lid off.

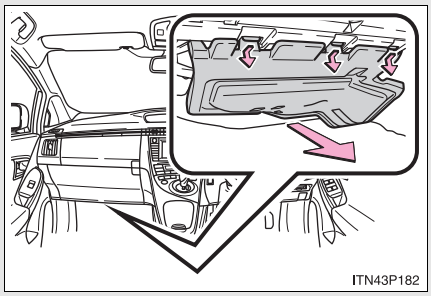
When closing, first hook the lid onto the two rear tabs.

Left side instrument panel (left-hand drive vehicles)

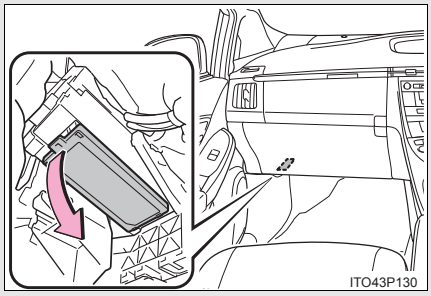


Remove the lid.

Left side instrument panel (right-hand drive vehicles)



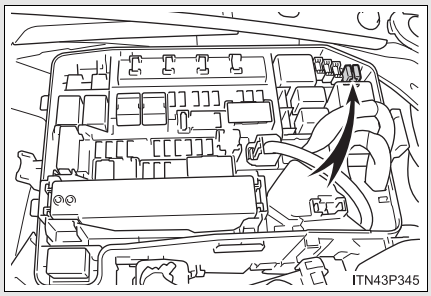
Remove the cover.



Remove the lid.

STEP 3 After a system failure, see “Fuse layout and amperage ratings” (→P. 452) for details about which fuse to check.

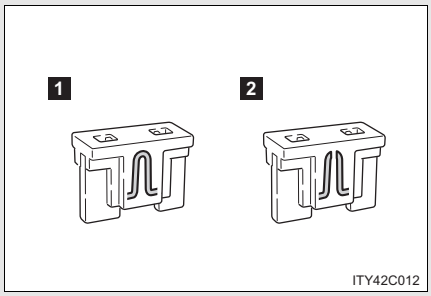
STEP 4 Remove the fuse.



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

STEP 5 Check if the fuse is blown.

Type A

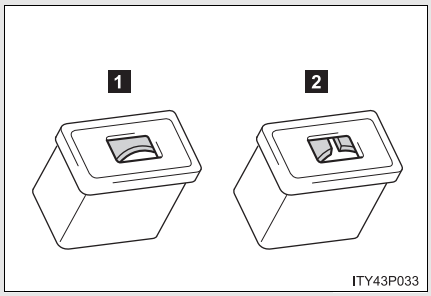


1 Normal fuse

2 Blown fuse

Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

Type B

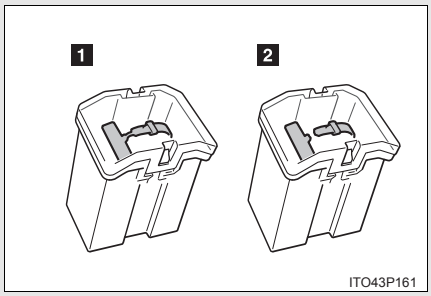


1 Normal fuse

2 Blown fuse

Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

Type C



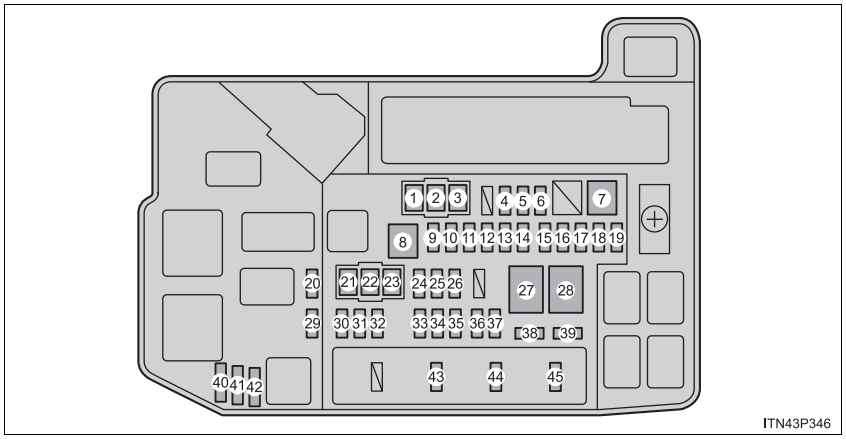
1 Normal fuse

2 Blown fuse

Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

Fuse layout and amperage ratings

Engine compartment



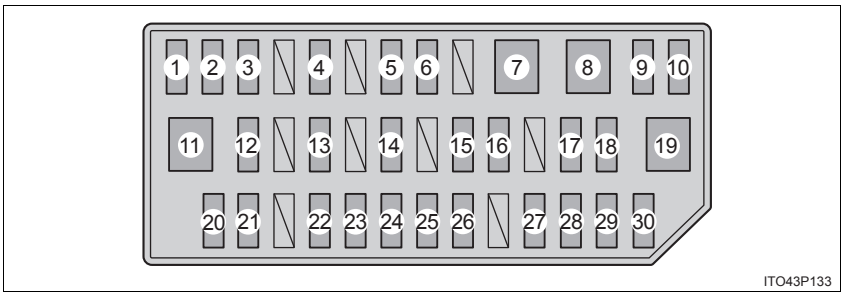
FUSE		Ampere	Circuit
1	HTR	50A	Air conditioning system
2	RDI	30A	Electric cooling fans
3	CDS	30A	Electric cooling fans
4	S-HORN	10A	S-HORN
5	ENG W/P	30A	Cooling system
6	ABS MAIN NO.2	7.5A	Anti-lock brake system
7	H-LP CLN	30A	Headlight cleaner
8	P-CON MTR	30A	P position control system, transmission

FUSE		Ampere	Circuit
9	AMP NO.1	30A	Audio system
10	IGCT	30A	PCU, IGCT NO.2, IGCT NO.3
11	DC/DC-S	5A	Inverter and converter
12	P CON MAIN	7.5A	P position control system, P position switch
13	AM2	7.5A	Power management system
14	ECU-B2	7.5A	Smart entry & start system, hybrid system
15	MAYDAY	10A	No circuit
16	ECU-B3	10A	Air conditioning system
17	TURN & HAZ	10A	Turn signal lights
18	ETCS	10A	Multiport fuel injection system/ sequential multiport fuel injection system
19	ABS MAIN NO.1	20A	Anti-lock brake system
20	H-LP LH LO	15A	Left-hand headlight (low beam)
21	P/I 2	40A	P position control system, horn, headlight low beams, back-up lights

FUSE		Ampere	Circuit
22	ABS MTR 1	30A	Anti-lock brake system
23	ABS MTR 2	30A	Anti-lock brake system
24	H-LP HI MAIN	20A	Headlight high beams
25	DRL	7.5A	Daytime running lights
26	AMP NO.2	30A	Audio system, navigation system
27	P/I 1	60A	IG2, EFI MAIN, BATT FAN
28	EPS	60A	Electric power steering
29	H-LP RH LO	15A	Right-hand headlight (low beam)
30	PCU	10A	Inverter and converter
31	IGCT NO.2	10A	Hybrid system, P position control system, power management system, multiport fuel injection system/sequential multiport fuel injection system
32	MIR HTR	10A	Outside rear view mirror defoggers
33	RAD NO.1	15A	Audio system, navigation system
34	DOME	10A	Door courtesy lights, luggage compartment light, personal light, interior light, foot lights, vanity lights, inside rear view mirror

FUSE		Ampere	Circuit
35	ECU-B	7.5A	Smart entry & start system, personal lights, gauges and meters, emergency flashers
36	H-LP LH HI	10A	Left-hand headlight (high beam)
37	H-LP RH HI	10A	Right-hand headlight (high beam)
38	EFI NO.2	10A	Multiport fuel injection system/ sequential multiport fuel injection system
39	IGCT NO.3	10A	Cooling system
40	SPARE	30A	Spare fuse
41	SPARE	10A	Spare fuse
42	SPARE	7.5A	Spare fuse
43	EFI MAIN	20A	Multiport fuel injection system/ sequential multiport fuel injection system, cooling system, EFI NO.2
44	BATT FAN	10A	Battery cooling fan
45	IG2	20A	Multiport fuel injection system/ sequential multiport fuel injection system, MET, IGN, power management system

■ Left side instrument panel



FUSE		Ampere	Circuit
1	CIG	15A	Power outlets
2	ECU-ACC	10A	Multiplex communication system, outside rear view mirrors, driver support system, audio system, navigation system, intelligent parking guidance system
3	PWR OUTLET	15A	Power outlets
4	SEAT HTR FR	10A	Seat heater
5	SEAT HTR FL	10A	Seat heater
6	DOOR NO.1	25A	Power door lock system
7	PSB	30A	Pre-Crash Safety System
8	PWR SEAT FR	30A	Front seat lumbar support
9	DBL LOCK	25A	DBL LOCK
10	FR FOG	7.5A	Front fog lights

FUSE		Ampere	Circuit
11	PWR SEAT FL	30A	Front seat lumbar support
12	OBD	7.5A	On-board diagnosis system
13	RR FOG	7.5A	Rear fog light
14	STOP	10A	Stop lights, high mounted stop-light, brake system, driver support system
15	P FR DOOR	25A	Power windows
16	D FR DOOR	25A	Power windows
17	DOOR RR	25A	Power windows
18	DOOR RL	25A	Power windows
19	S/ROOF	30A	Moon roof
20	ECU-IG NO.1	10A	Electric cooling fans, multiplex communication system
21	ECU-IG NO.2	10A	Driver support system, Pre-Crash Safety System, inside rear view mirror, yaw rate & G sensor, brake system, electric power steering, navigation system, moon roof, seat belt pretensioners, audio system, emergency flashers, turn signal lights, windshield wipers, headlight cleaner

FUSE		Ampere	Circuit
22	GAUGE	10A	Headlight leveling system, gauges and meters, emergency flashers, turn signal lights
23	A/C	10A	Air conditioning system, Solar Ventilation System, Remote Air Conditioning System
24	WASHER	15A	Windshield washer
25	RR WIP	20A	Rear window wiper and washer
26	WIP	30A	Windshield wipers
27	MET	7.5A	Gauges and meters
28	IGN	10A	Brake system, driver support system, multiport fuel injection system/sequential multiport fuel injection system, SRS airbag system, power management system, smart entry & start system, front passenger’s seat belt reminder light

FUSE		Ampere	Circuit
29	PANEL	10A	Air conditioning system, personal light, seat heaters, transmission, P position switch, navigation system, Solar Ventilation System, Remote Air Conditioning System, intelligent parking guidance system, headlight cleaner, front passenger's seat belt reminder light, headlight leveling system, glove box light, clock, audio system, MPH or km/h switch
30	TAIL	10A	Headlight leveling system, front position lights, tail lights, license plate lights, front fog lights, rear fog light

■ **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. 461)
- If the replaced fuse blows again, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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

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

When replacing light bulbs

Toyota recommends that you use genuine Toyota products designed for this vehicle. Because certain bulbs are connected to circuits designed to prevent overload, non-genuine parts or parts not designed for this vehicle may be unusable.

CAUTION

To prevent system breakdowns and vehicle fire

Observe the following precautions.
Failure to do so may cause damage, and possibly a fire or injury.

- Never use a fuse of a higher amperage rating than that indicated, or use any other object in place of a fuse.
- Always use a genuine Toyota fuse or equivalent.
  Never replace a fuse with a wire, even as a temporary fix.
  This can cause extensive damage or even fire.
- Do not modify the fuses or fuse boxes.

Fuse box near the power control unit

Never check or replace the fuses as there are high voltage parts and wiring near the fuse box.
Doing so may cause electric shock, resulting in death or serious injury.

NOTICE

Before replacing fuses

Have the cause of electrical overload determined and repaired by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

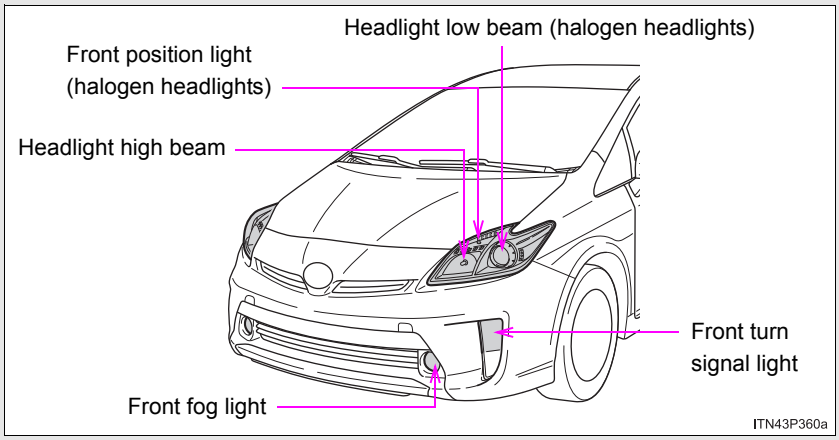
Light bulbs

You may replace the following bulbs by yourself. The difficulty level of replacement varies depending on the bulb. As there is a danger that components may be damaged, we recommend that replacement is carried out by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

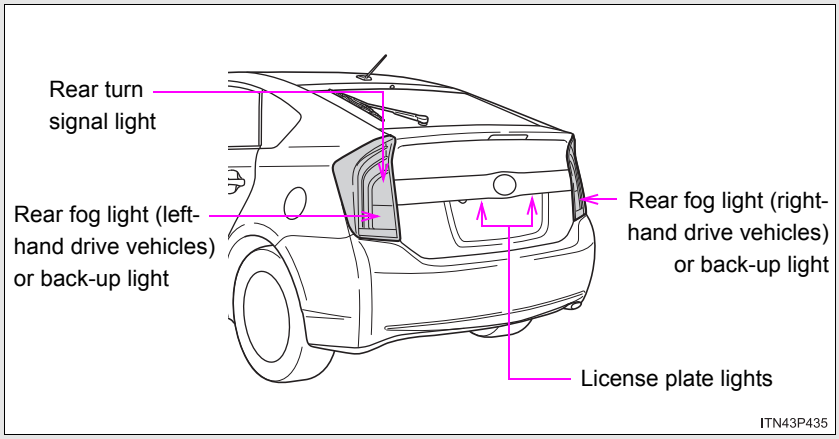
■ Preparing for light bulb replacement

Check the wattage of the light bulb to be replaced. (→P. 580)

■ Front bulb locations

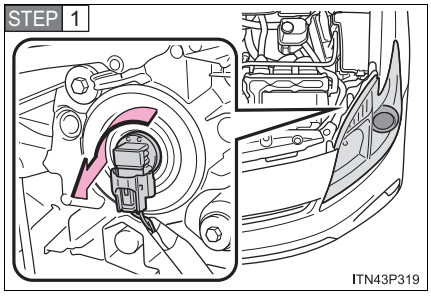


Rear bulb locations

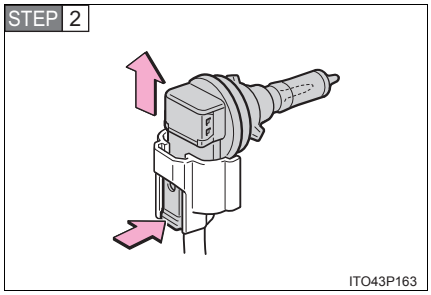


Replacing light bulbs

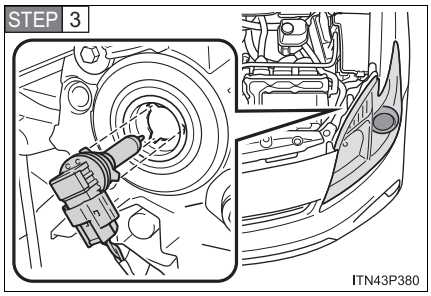
Headlight low beams (halogen headlights)



Turn the bulb base counterclockwise.

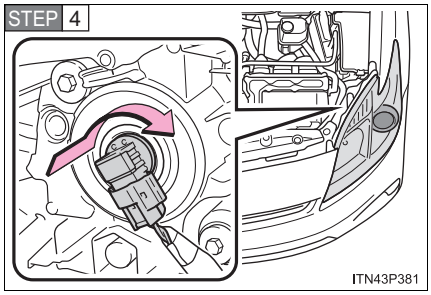


Unplug the connector while pressing the lock release.



Replace the light bulb, and install the bulb base.

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



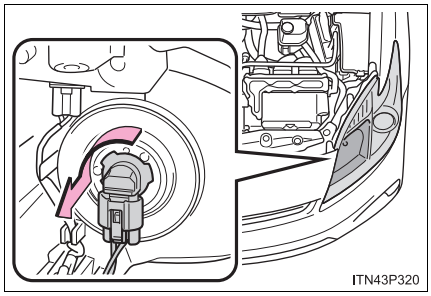
Turn and secure the bulb base.

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.

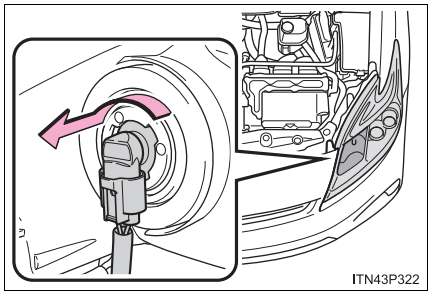
■ **Headlight high beams**

STEP 1 Turn the bulb base counterclockwise.

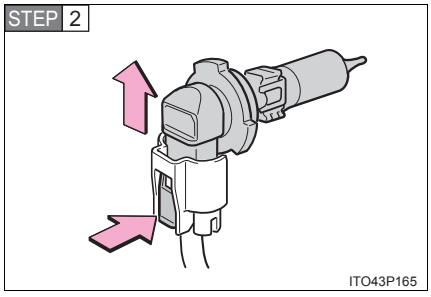
Vehicles with halogen headlights



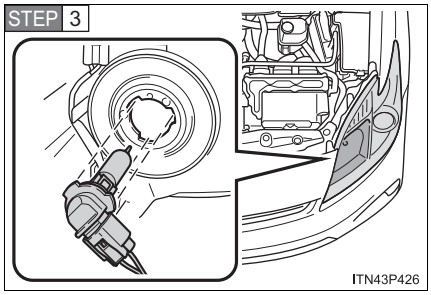
Vehicles with LED headlights



STEP 2

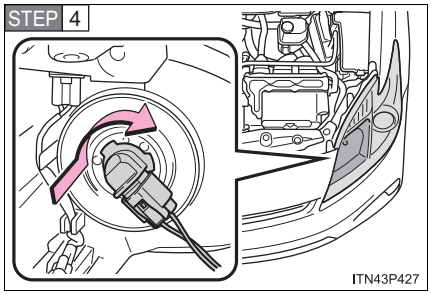


Unplug the connector while pressing the lock release.



Replace the light bulb, and install the bulb base.

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

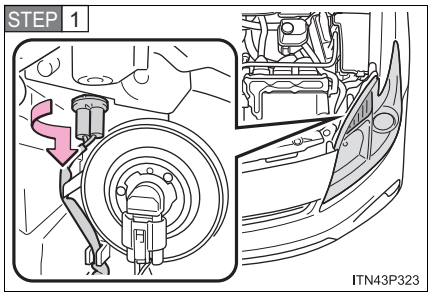


Turn and secure the bulb base.

Shake the bulb base gently to check that it is not loose, turn the headlights on once and visually confirm that no light is leaking through the mounting.

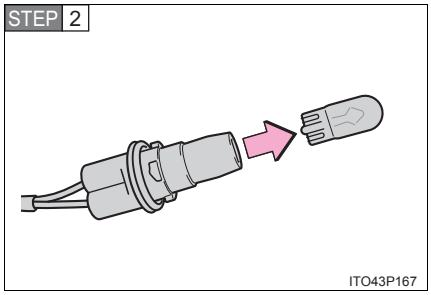
■ Front position lights (halogen headlights)

STEP 1



Turn the bulb base counterclockwise.

STEP 2

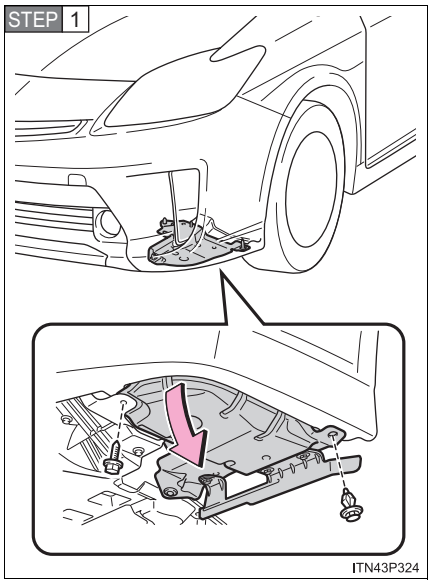


Remove the light bulb.

STEP 3 When installing, reverse the steps listed.

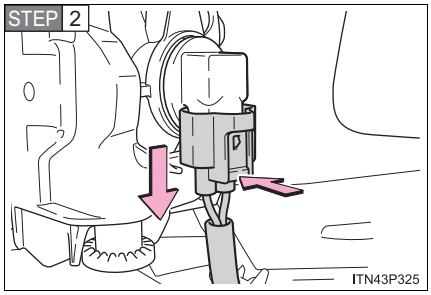
■ Front fog lights

STEP 1



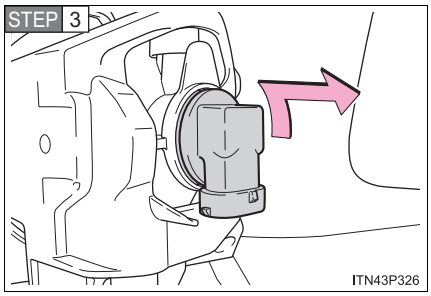
Remove the engine under cover bolt and clip and pull down the engine under cover.

STEP 2



Unplug the connector while pressing the lock release.

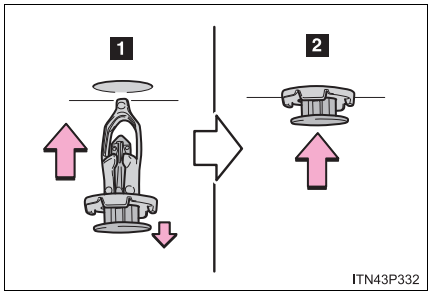
STEP 3



Turn the bulb base counterclockwise.

STEP 4 When installing, reverse the steps listed.

After installing the bulb base, shake the bulb base gently to check that it is not loose.



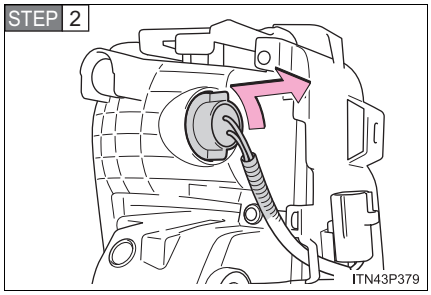
Insert the clip.

■ **Front turn signal lights**

STEP 1 Remove the engine under cover bolt and clip and pull down the engine under cover. (→P. 467)

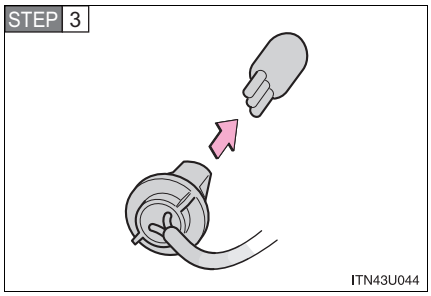
Type A

STEP 2



Turn the bulb base counterclockwise.

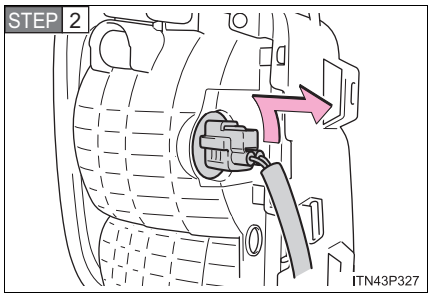
STEP 3



Remove the light bulb.

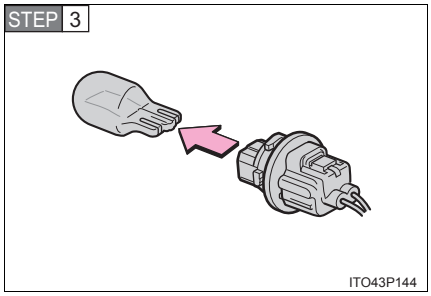
Type B

STEP 2



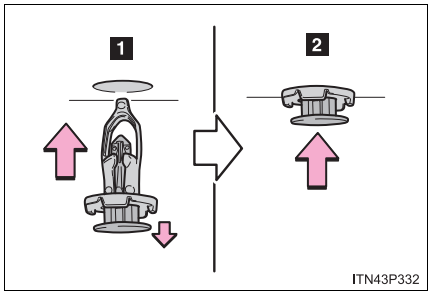
Turn the bulb base counterclockwise.

STEP 3



Remove the light bulb.

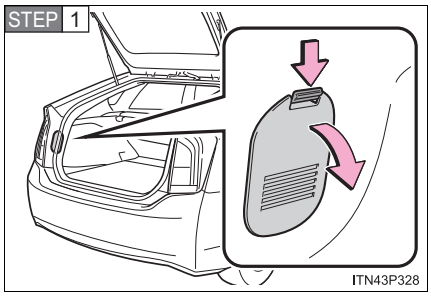
STEP 4 When installing, reverse the steps listed.



Insert the clip.

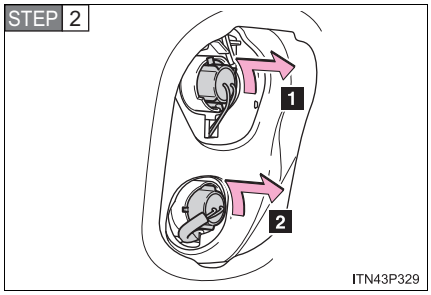
■ Rear turn signal lights and back-up/rear fog lights

STEP 1



Open the back door and remove the cover.

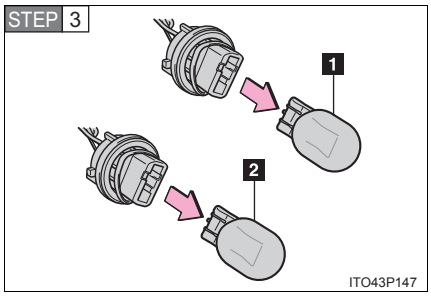
STEP 2



Turn the bulb base counterclockwise.

1 Rear turn signal light
2 Back-up/rear fog light

STEP 3



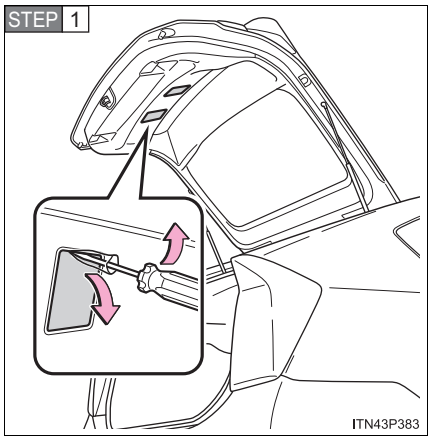
Remove the light bulb.

1 Rear turn signal light
2 Back-up/rear fog light

STEP 4 When installing, reverse the steps listed.

■ License plate lights

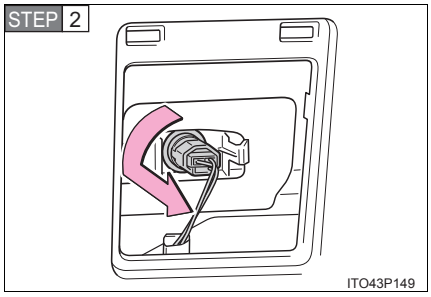
STEP 1



Open the back door and remove the cover.

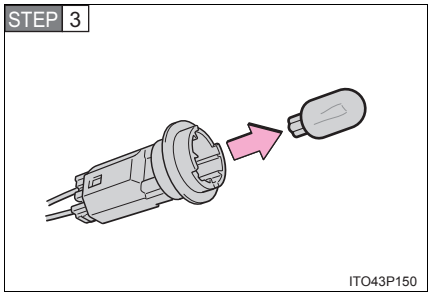
To prevent damage, cover the tip of the screwdriver with a rag.

STEP 2



Turn the bulb base counterclockwise.

STEP 3



Remove the light bulb.

STEP 4 When installing, reverse the steps listed.

■ **Replacing the following bulbs**

If any of the lights listed below has burnt out, have it replaced by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

- Headlight low beams (LED headlights)
- Front position lights (LED headlights)
- Stop lights
- Tail lights
- High mounted stoplight
- Side turn signal lights
- Daytime running lights (if equipped)

■ **LED lights**

The headlight low beams (LED headlights), front position lights (LED headlights), stop lights, tail lights, high mounted stoplight and daytime running lights consist of a number of LEDs. If any of the LEDs burn out, take your vehicle to any authorized Toyota dealer or repairer, or another duly qualified and equipped professional to have the light replaced.

■ **Condensation build-up on the inside of the lens**

Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for more information in the following situations. Temporary condensation build-up on the inside of the headlight lens does not indicate a malfunction.

- Large drops of water have built up on the inside of the lens.
- Water has built up inside the headlight.

When replacing light bulbs

→P. 460

CAUTION

Replacing light bulbs

- Be sure to stop the hybrid system and turn off the lights. Do not attempt to replace the bulb immediately after turning off the lights.
  The bulbs become very hot and may cause burns.
- Do not touch the glass portion of the light bulb with bare hands. Hold the bulb by the plastic or metal portion.
  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 5

5-1. Essential information

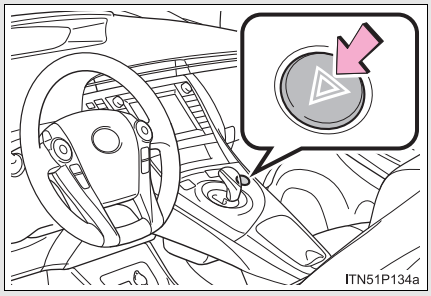
Emergency flashers 476
If your vehicle needs to be towed 477
If you think something is wrong 484

5-2. Steps to take in an emergency

If a warning light turns on or a warning buzzer sounds 485
If a warning message is displayed 493
If you have a flat tire (vehicles with a spare tire) 509
If you have a flat tire (vehicles without a spare tire) 524
If the hybrid system will not start 547
If you lose your keys 549
If the electronic key does not operate properly 550
If the 12-volt battery is discharged 553
If your vehicle overheats 559
If the vehicle becomes stuck 564
If your vehicle has to be stopped in an emergency 566

Emergency flashers

The emergency flashers are used to warn other drivers when the vehicle has to be stopped in the road due to a breakdown, etc.



Press the switch.

All the turn signal lights will flash.
To turn them off, press the switch once again.

■ Emergency flashers

If the emergency flashers are used for a long time while the hybrid system is not operating (while the “READY” indicator is not illuminated), the 12-volt battery may discharge.

If your vehicle needs to be towed

If towing is necessary, we recommend having your vehicle towed by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional or a commercial towing service, using a lift-type truck or flat bed truck.
Use a safety chain system for all towing, and abide by all state/provincial and local laws.

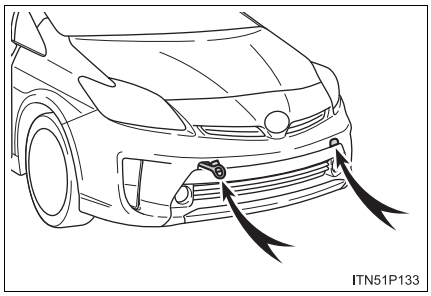
Before towing

The following may indicate a problem with your hybrid transmission. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional before towing.

- The hybrid system is operating but the vehicle will not move.
- The vehicle makes an abnormal sound.

If there is a malfunction in the P position control system, the smart entry & start system or the immobilizer system, or if the 12-volt battery is discharged, the vehicle cannot be towed with the front wheels on the ground, as the front wheels may be locked. In this case, transport the vehicle with both front wheels or all four wheels lifted.

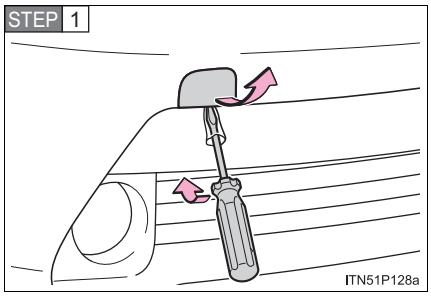
Emergency towing



If a tow truck is not available in an emergency, your vehicle may be temporarily towed using a cable or chain secured to the emergency towing eyelet(s). This should only be attempted on hard surfaced roads for short distances at under 30 km/h (18 mph).

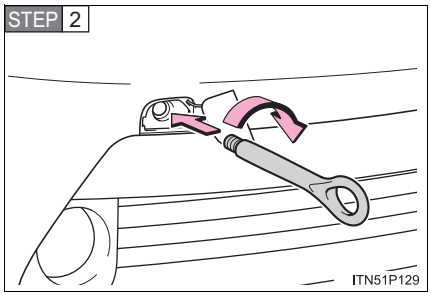
A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

Installing towing eyelets

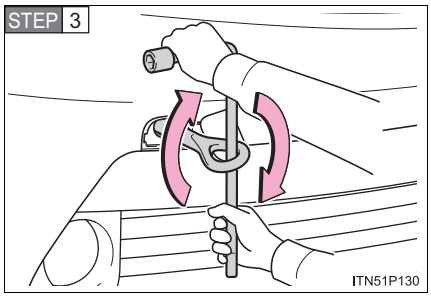


Remove the eyelet cover using a flathead screwdriver.

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

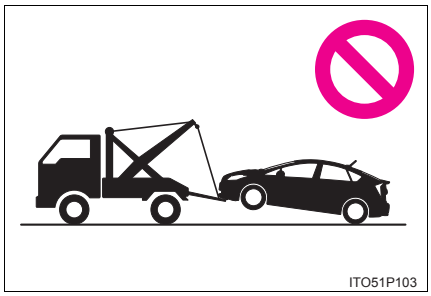


Insert the towing eyelet into the hole and tighten partially by hand.



Tighten down the towing eyelet securely using a wheel nut wrench.

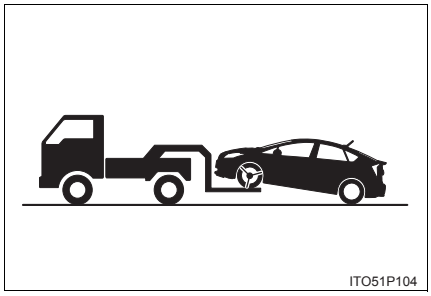
Towing with a sling-type truck



Do not tow with a sling-type truck to prevent body damage.

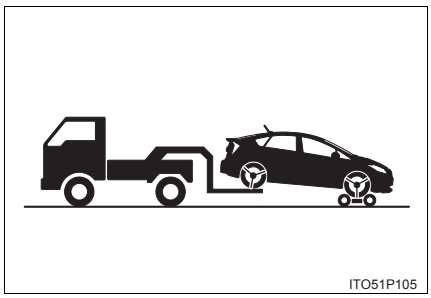
Towing with a wheel-lift type truck

From the front



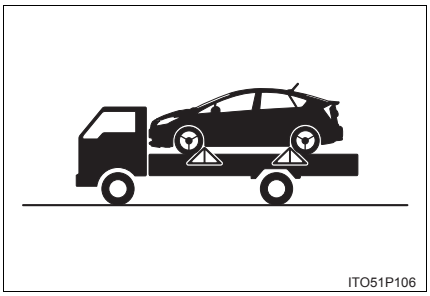
Release the parking brake.

From the rear



Use a towing dolly under the front wheels.

Using a flat bed truck



If 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.

Before emergency towing

STEP 1 Turn the “POWER” switch to ON mode.
Do not turn the “POWER” switch to ACCESSORY mode.

STEP 2 Shift the shift position to N.

STEP 3 Release the parking brake.

Emergency towing eyelet location

→P. 509, 524

CAUTION

■ **Caution while towing**

- Use extreme caution when towing the vehicle.
  Avoid sudden starts or erratic driving maneuvers which place excessive stress on the emergency towing eyelets and the cables or chains. Always be cautious of the surroundings and other vehicles while towing.
- Do not turn the “POWER” switch off.
  This may lead to an accident as the front wheels will be locked by the parking lock.
- If the hybrid system is off, the power assist for the brakes and steering will not function, making steering and braking more difficult.

■ **Installing towing eyelets to the vehicle**

Make sure that towing eyelets are installed securely.
If not securely installed, towing eyelets may come loose during towing. This may lead to accidents that cause serious injury or even death.

NOTICE

■ **To prevent damaging the vehicle**

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 causing serious damage to the hybrid transmission when towing using a wheel-lift type truck**

Never tow this vehicle from the front with the rear wheels on the ground.

■ **To prevent body damage when towing with a sling-type truck**

Do not tow with a sling-type truck, either from the front or rear.

■ **To prevent causing serious damage to the hybrid transmission in emergency towing**

Never tow a vehicle from the rear with four wheels on the ground. This may cause serious damage to the hybrid transmission.

If you think something is wrong

If you notice any of the following symptoms, your vehicle probably needs adjustment or repair. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

Visible symptoms

- Fluid leaks under the vehicle
  (Water dripping from the air conditioning after use is normal.)
- Flat-looking tires or uneven tire wear
- High engine coolant temperature warning light flashes or comes on

Audible symptoms

- Changes in exhaust sound
- Excessive tire squeal when cornering
- Strange noises related to the suspension system
- Pinging or other noises related to the hybrid system

Operational symptoms

- Engine missing, stumbling or running roughly
- Appreciable loss of power
- Vehicle pulls heavily to one side when braking
- Vehicle pulls heavily to one side when driving on a level road
- Loss of brake effectiveness, spongy feeling, pedal almost touches the floor

If a warning light turns on or a warning buzzer sounds

Calmly perform the following actions if any of the warning lights comes on or flashes. If a light comes on or flashes, but then goes off, this does not necessarily indicate a malfunction in the system. However, if this continues to occur, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Stop the vehicle immediately. Continuing to drive the vehicle may be dangerous.

The following warning indicates a possible problem in the brake system. Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Warning light	Warning light/Details
	**Brake system warning light and warning buzzer (red indicator)*** • Low brake fluid • Malfunction in the brake system This light also comes on when the parking brake is not released. If the light turns off after the parking brake is fully released, the system is operating normally.

*: Parking brake engaged warning buzzer:

A buzzer will sound if the vehicle is driven at a speed of approximately 5 km/h (3 mph) or more.

Stop the vehicle immediately.

The following warning indicates the possibility of damage to the vehicle that may lead to an accident. Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Warning light	Warning light/Details
	**Charging system warning light** Indicates a malfunction in the vehicle's charging system
	**High coolant temperature warning light** Indicates that the coolant temperature is too high Changes from a flashing to a solid light when the engine coolant temperature increases.

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

Failure to investigate the cause of the following warnings may lead to the system operating abnormally and possibly cause an accident. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

Warning light	Warning light/Details
	**Malfunction indicator lamp** Indicates a malfunction in: • The hybrid system; • The electronic engine control system; or • The electronic throttle control system
	**SRS warning light** Indicates a malfunction in: • The SRS airbag system; or • The seat belt pretensioner system
	**ABS warning light** Indicates a malfunction in: • The ABS; or • The brake assist system
	**Electric power steering system warning light** Indicates a malfunction in the EPS system

Warning light	Warning light/Details
PCS (Flashes) (If equipped)	**Pre-crash safety system warning light** Indicates a malfunction in the pre-crash safety system The warning light will operate as follows, even when the system is not malfunctioning: • The light will flash quickly when the system is operating. (→P. 319) • The light will turn on when the pre-crash braking is disabled. (→P. 320) • The light will turn on when the system cannot temporarily be used. (→P. 497)
 (Turns on)	**Slip indicator light** Indicates a malfunction in: • VSC; • TRC; or • Hill-start assist control Flashes when the above systems and/or ABS are operating. (→P. 312)
	**Brake system warning light (yellow indicator)** Indicates a malfunction in: • The regenerative braking system; or • The electronically controlled brake system

Warning light	Warning light/Details
 (If equipped)	**Automatic headlight leveling system warning light** Indicates a malfunction in the automatic headlight leveling system
 (Flashes) (If equipped)	**Cruise control indicator** Indicates a malfunction in the cruise control/dynamic radar cruise control
 (Flashes) (If equipped)	**Radar cruise control indicator** Indicates a malfunction in the dynamic radar cruise control

Follow the correction procedures.

After taking the specified steps to correct the suspected problem, check that the warning light goes off.

Warning light	Warning light/Details	Correction procedure
	**Open door warning light (warning buzzer)*1** Indicates that a door is not fully closed	Check that all the doors are closed.
	**Low fuel level warning light** Indicates remaining fuel is approximately 6.0 L (1.6 gal., 1.3 Imp.gal.) or less	Refuel the vehicle.
	**Driver's seat belt reminder light (warning buzzer)*2** Warns the driver to fasten his/her seat belts.	Fasten the seat belt.
 (On the instrument panel)	**Front passenger's seat belt reminder light (warning buzzer)*2** Warns the front passenger to fasten his/her seat belt.	Fasten the seat belt.

Warning light	Warning light/Details	Correction procedure
	**Master warning light** The warning light comes on and flashes to indicate that the master warning system has detected a malfunction.	→P. 493

*1: Open door warning buzzer:

The open door warning buzzer sounds to alert one or more of the doors is not fully closed (with the vehicle having reached a speed of 5 km/h [3 mph]).

*2: Seat belt warning buzzer:

The driver's and front passenger's seat belts reminder sounds to alert the driver and front passenger that his or her seat belt is not fastened. The buzzer sounds intermittently for 30 seconds after the vehicle has reached a speed of at least 20 km/h (12 mph). Then, if the seat belt is still unfastened, the buzzer will sound in a different tone for 90 more seconds.

■ **Electric power steering system warning light**

When the 12-volt battery charge becomes insufficient or the voltage temporarily drops, the electric power steering system warning light may come on.

■ **If the malfunction indicator lamp comes on while driving**

The malfunction indicator lamp will come on if the fuel tank becomes completely empty. If the fuel tank is empty, refuel the vehicle immediately. The malfunction indicator lamp will go off after several trips.

■ **Customization**

The vehicle speed linked seat belt reminder buzzer can be disabled. (Customizable features →P. 583) However, Toyota recommends that the seat belt reminder buzzer be operational to alert the driver and front passenger when seat belts are not fastened.

⚠ CAUTION

■ **If both the ABS and the brake system warning lights remain on**

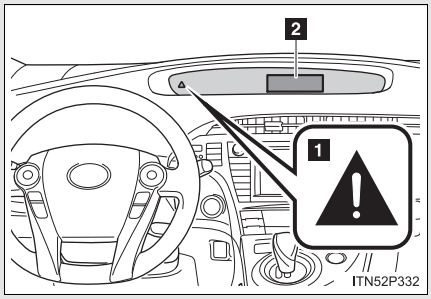
Stop your vehicle in a safe place immediately and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. The vehicle will become extremely unstable during braking, and the ABS system may fail, which could cause an accident resulting in death or serious injury.

■ **When the electric power steering system warning light comes on**

The steering wheel may become extremely heavy.
If the steering wheel becomes heavier than usual when operating, hold firmly and operate using more force than usual.

If a warning message is displayed

If a warning is shown on the multi-information display, stay calm and perform the following actions:



1 Master warning light

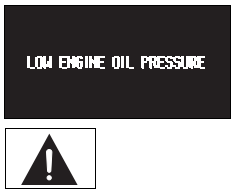
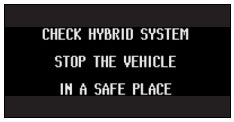
2 Multi-information display

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.

If any of the warning light turns on again after performing the following actions, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

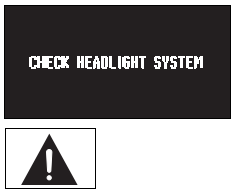
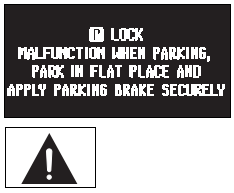
Stop the vehicle immediately.

A buzzer sounds and a warning message is shown on the multi-information display. The following warnings indicate the possibility of damage to the vehicle that may lead to an accident. Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Warning message	Details
	Indicates an abnormal engine oil pressure. The warning light may turn on if the engine oil pressure is too low.
	Indicates a malfunction in the hybrid system.

Have the vehicle inspected immediately.

Failure to investigate the cause of the following warnings may lead to the system operating abnormally and possibly cause an accident. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

Warning message	Details
 (If equipped)	Indicates a malfunction in the LED headlight system.
	Indicates a malfunction in the P position control system. In this situation, there is a possibility that the parking lock mechanism will not work. When parking, park the vehicle on a flat surface and apply the parking brake securely. Also, it may not be possible to turn the “POWER” switch off. If this happens, applying the parking brake will enable the switch to be turned off.

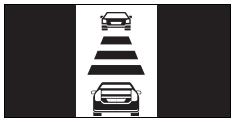
Warning message	Details
  (Flashes)  (If equipped)	Indicates a malfunction in the pre-crash safety system. A buzzer also sounds.
  (Flashes)  (If equipped)	Indicates a malfunction in the radar cruise control system. A buzzer also sounds. Press the “ON-OFF” button once to deactivate the system, and then press the button again to reactivate the system.

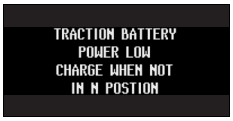
Follow the correction procedures.

After taking the specified steps to correct the suspected problem, check that the warning message turns off.

Warning message	Details	Correction procedure
 (If equipped)	Warn the rear passengers to fasten their seat belts. If a rear passenger once fastens their seat belt and then unfastens it, the warning message will appear on the display and a buzzer* will sound.	Fasten the seat belt.
 PCS (If equipped)	• Indicates that the pre-crash safety system is not currently functional because the grille or the sensor is dirty. • This message also appears when the pre-crash safety system is not functional due to overheating.	• Check the grille and the sensor and clean them if they are dirty. • In case of overheating, the system will become functional once the system cools down.

Warning message	Details	Correction procedure
CLEAN RADAR SENSOR  (Flashes)  (If equipped)	Indicates that the radar cruise control sensor is dirty or covered with ice.	Clean the sensor.
CRUISE CONTROL NOT AVAILABLE  (Flashes)  (If equipped)	Indicates that the radar cruise control system is unable to judge vehicle-to-vehicle distance.	If the windshield wipers are on, turn them off or set them to either the intermittent or the slow mode.

Warning message	Details	Correction procedure
 PCS (Flashes rapidly) (If equipped)	Indicates that there is a high possibility of a collision, or that the pre-crash braking function is operating. A buzzer also sounds. At the same time,  will appear on the head-up display (the image flashes).	Slow the vehicle by applying the brakes.
 (If equipped)	Indicates that there is a high possibility of a collision.	Slow the vehicle by applying the brakes.
 (If equipped, flashes)	Indicates that your vehicle is nearing the vehicle ahead (in radar cruise mode). A buzzer also sounds. At the same time,  will appear on the head-up display (the image flashes).	Slow the vehicle by applying the brakes.

Warning message	Details	Correction procedure
 	The hybrid system has overheated. A buzzer also sounds. This message may be displayed when driving under severe operating conditions. (For example, when driving up a long steep hill.)	Stop and check. (→P. 559)
  (Flashes)	The hybrid battery (traction battery) is low. A buzzer also sounds.	When stopping the vehicle for a long period of time, shift the shift position to P. The hybrid battery (traction battery) cannot be charged with the shift position in N.
  (Flashes)	The hybrid battery (traction battery) power has dropped because a long period of time has elapsed after shifting the shift position to N. A buzzer also sounds.	Restart the hybrid system when starting the vehicle.
  (Flashes)	The transmission is out of P when attempting to start the hybrid system.	Shift the shift position to P before pressing the “POWER” switch.

Warning message	Details	Correction procedure
SHIFT TO P POSITION WHEN PARKED  (Flashes)	The driver's door is opened when the transmission is out of P with the hybrid system on.	Shift the shift position to P.
N POSITION  (Flashes)	Indicates that the accelerator pedal is depressed while the shift position is in N. A buzzer also sounds.	Release the accelerator pedal and shift the shift position to D or R.
EV MODE CURRENTLY NOT AVAILABLE	EV drive mode cannot be switched to. A buzzer also sounds. The reason why EV drive mode cannot be used is shown on the second line (may not be shown in some instances.)	Use the EV drive mode when it becomes available.
EV MODE DEACTIVATED  (Flashes 3 times)	EV drive mode has been automatically canceled. A buzzer also sounds. The reason why EV drive mode cannot be used is shown on the second line (may not be shown in some instances.)	Drive normally for a short time.

*: Rear passenger's seat belt buzzer:
The rear seat belts reminder sounds to alert the rear passenger that his/her seat belt is not fastened. The buzzer sounds for 30 seconds after the vehicle has reached a speed of at least 20 km/h (12 mph). Then, if the seat belt is still unfastened, the buzzer will sound in a different tone for 90 more seconds.

■ **Approach warning message**

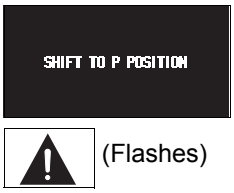
In the following instances, there is the possibility that the approach warning will not activate even when the vehicle-to-vehicle distance decreases.

- When your vehicle and the vehicle ahead are traveling at the same speed or the vehicle ahead is traveling more quickly than your vehicle.
- When the vehicle ahead is traveling at very low speed.
- Immediately after cruise control speed is set.
- At the instant the accelerator pedal is depressed.

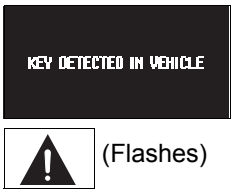
Have the malfunction repaired immediately.

After taking the specified steps to correct the suspected problem, check that the warning message and light turn off.

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	—	 (Comes on for 15 seconds.)  (Flashes)	The electronic key is not detected when attempting to start the hybrid system.	Confirm the location of the electronic key.
Once	3 times	  (Flashes)	An open door other than the driver's door is closed while the electronic key is outside the detection range and the "POWER" switch is in ACCESSORY or ON mode.	Confirm the location of the electronic key.

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	3 times	 (Flashes)	An open door other than the driver's door is closed while the electronic key is outside the detection range and the "POWER" switch is in ACCESSORY or ON mode with the shift position in P.	Turn the "POWER" switch to OFF or confirm the location of the electronic key.
Continuous	—	 (Flashes)	The driver's door has been opened with the shift position in a position other than P and without first turning the "POWER" switch is OFF.	Shift the shift position to P.

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	Contin-uous	  (Displayed alternately)  (Flashes)	The electronic key has been taken outside the vehicle and the doors have been locked without first turning the “POWER” switch to OFF.	Turn the “POWER” switch to OFF and lock the doors again.

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	Continuous	 (Flashes)	An attempt to lock the doors has been made using the smart entry & start system while the electronic key is inside the vehicle.	Take the electronic key outside the vehicle, and lock the doors again.
			With the key inside the vehicle, a front door has been opened, the lock lever has been pulled in the lock direction, the door has been closed while the door handle is being pulled, and an attempt has been made to lock the door.	

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Continuous	Continuous	SHIFT TO P POSITION KEY NOT DETECTED (Displayed alternately) (Flashes)	An open door other than the driver's door is closed while the electronic key is outside the detection range and the "POWER" switch is in ACCESSORY or ON mode with the shift position not in P.	• Shift the shift position to P. • Confirm the location of the electronic key.
Once	—	KEY BATTERY LOW (Comes on for 15 seconds.)	The electronic key battery is low.	Replace the battery. (→P. 445)
Once	—	DEPRESS BRAKE PEDAL AND PUSH POWER SWITCH TO START (Flashes)	An open door has been closed and the "POWER" switch has been turned twice to the ACCESSORY mode from OFF.	Press the "POWER" switch while applying the brakes.

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	—	DEPRESS BRAKE PEDAL, TOUCH POWER SWITCH WITH KEY  (Flashes)	The electronic key does not operate properly.	→P. 550
—	—	AUTO POWER OFF TO CONSERVE BATTERY	Power was turned off due to the automatic power off function.	Next time when starting the hybrid system, increase the engine speed slightly and maintain that level for approximately 5 minutes to recharge the battery.

NOTICE

■ **While the engine oil level warning is displayed**

Continued engine operation with low engine oil will damage the engine.

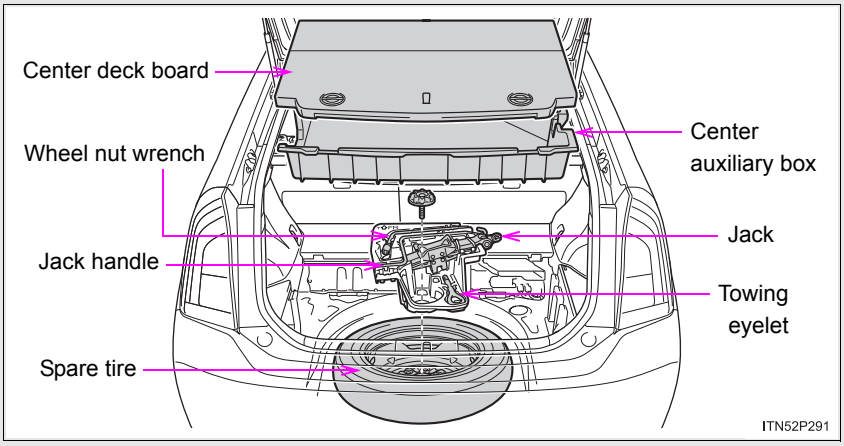
If you have a flat tire (vehicles with a spare tire)

Remove the flat tire and replace it with the spare provided.

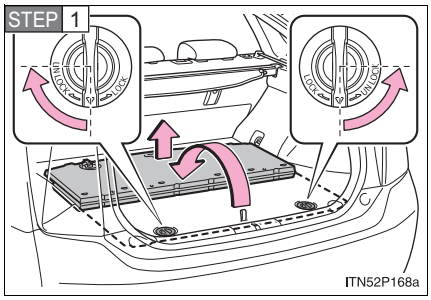
Before jacking up the vehicle

- Stop the vehicle on a hard, flat surface.
- Set the parking brake.
- Shift the shift position to P.
- Stop the hybrid system.
- Turn on the emergency flashers.

Location of the spare tire, jack and tools

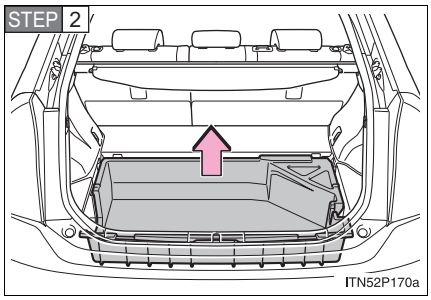


Taking out the jack

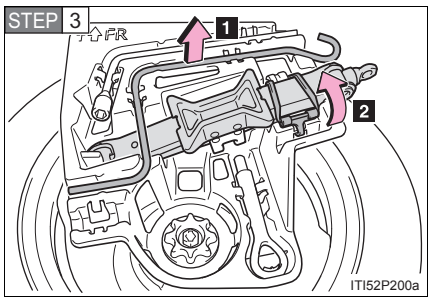


Turn the knob to the “UNLOCK” position to unfasten the lock, and remove the center deck board.

Fold the center deck board toward the front of the vehicle, and unload it from the vehicle.



Remove the center auxiliary box.

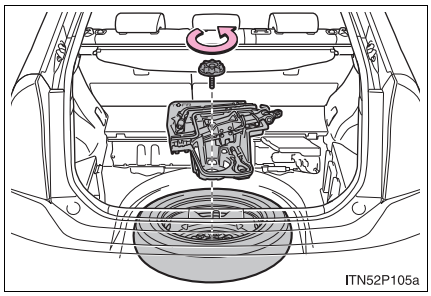


1 Remove the jack handle.

2 Unhook the tightening strap.

After storing the jack, make sure it is securely held by the tightening strap.

Taking out the spare tire



Loosen the center fastener that secures the spare tire.

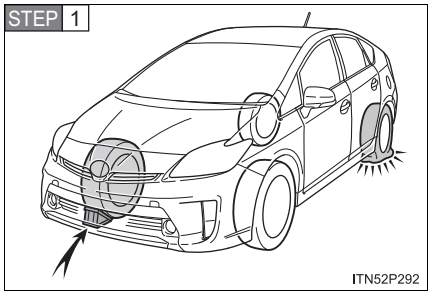
CAUTION

■ **Service plug**

Be careful not to hit the service plug when loading or unloading the tool holder or the spare tire. (→P. 43)

Replacing a flat tire

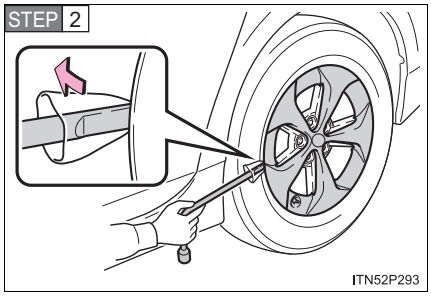
STEP 1



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

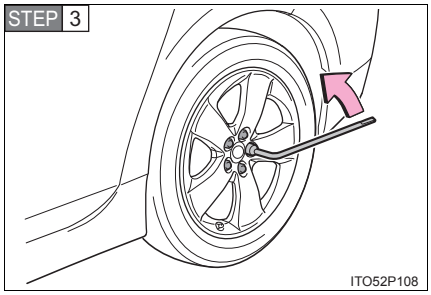
STEP 2



Vehicles with wheel ornament, remove the wheel ornament using the wrench.

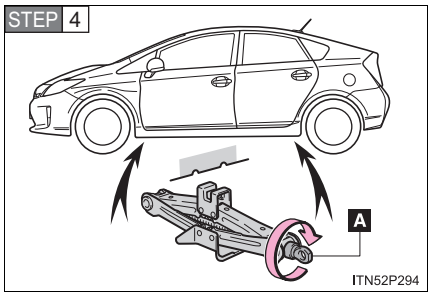
To prevent damage, cover the tip of the wrench with a rag.

STEP 3



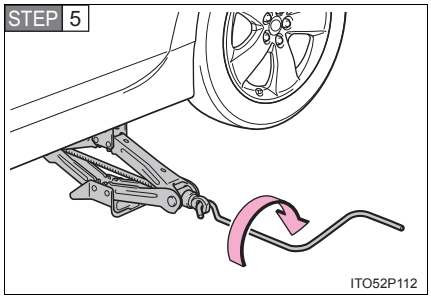
Slightly loosen the wheel nuts (one turn).

STEP 4

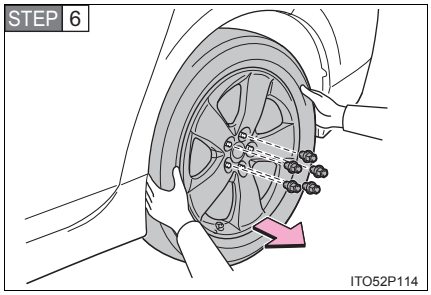


Turn the tire jack portion “A” by hand until the notch of the jack is in contact with the jack point.

STEP 5



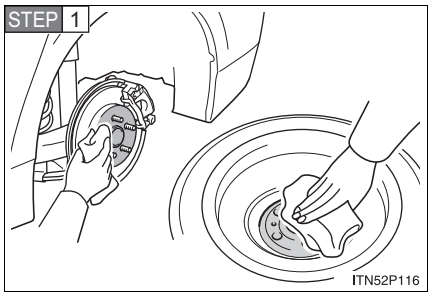
Raise the vehicle until the tire is slightly raised off the ground.



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.

Installing the spare tire

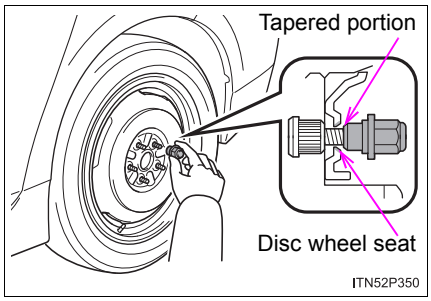


Remove any dirt or foreign matter from the wheel contact surface.

If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, and the tire may come off the vehicle.

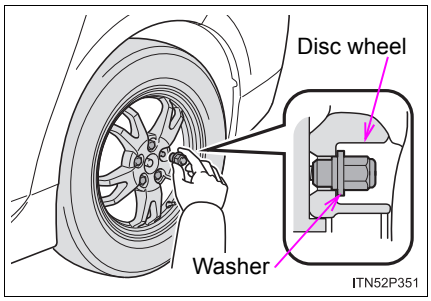
STEP 2 Install the tire and loosely tighten each wheel nut by hand by approximately the same amount.

Replacing an aluminum wheel with a compact spare tire



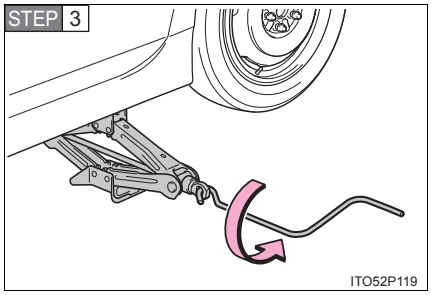
Tighten the nuts until the tapered portion comes into loose contact with the disc wheel seat.

Replacing an aluminum wheel with an aluminum wheel



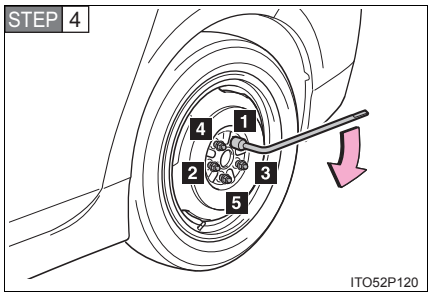
Turn the nut washers until they come into contact with the disc wheel.

STEP 3



Lower the vehicle.

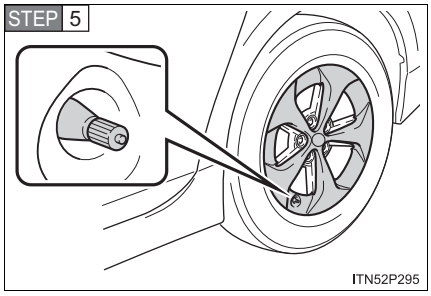
STEP 4



Firmly tighten each nut two or three times in the order shown in the illustration.

Tightening torque:
103 N•m (10.5 kgf•m, 76 ft•lbf)

STEP 5



Vehicles with wheel ornament, reinstall the wheel ornament.*

Align the cutout of the wheel ornament with the valve stem as shown.

*: The wheel ornament cannot be installed on the compact spare tire.

STEP 6 Stow the flat tire, the 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. 578)

■ **If you have a flat front tire on a road covered with snow or ice**

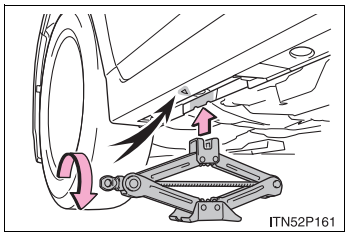
Install the compact spare tire on one of the rear wheels of the vehicle. Perform the following steps and fit tire chains to the front tires:

STEP 1 Replace a rear tire with the compact spare tire.

STEP 2 Replace the flat front tire with the tire removed from the rear of the vehicle.

STEP 3 Fit tire chains to the front tires.

■ **Jack point guide**



The jack point guides are located under the rocker panel. They indicate the jack point positions.

■ Certification for the jack

CE

Manufacturer's Declaration of Conformity

Manufacturer:
Kawasaki Industrial Co., Ltd.
4618 Mukaijima Shimada, Shizuoka, Japan

The EU Directives covered by this Declaration

2006/42/EC Machinery Directive

The product covered by this declaration

JACK SUB-ASSY,PANTOGRAPH

model
0.8ton , 1.1ton , 1.35ton , 1.5ton

The basis on which conformity is being declared

The product identified above complies with the requirements of the Machinery Directive
Directive above by meeting following standards

JIS D 8103

The technical documentation required to demonstrate that the product meets the requirement the Machinery Directive has been compiled by the signatory belowand is available for inspection by the relevant enforcement authorities.

A sample of the product has been tested by the manufacturer

Technical File No: KSF-201-00-01

The CE mark was first applied in:2010

Done at Shizuoka, Japan

Signature:
Koji Kawasaki
PRESIDENT ,Kawasaki Industrial Co., Ltd.
Date of Issue: 25 December,2009

CAUTION

■ **When using the compact spare tire**

- Remember that the spare tire provided is specifically designed for use with your vehicle. Do not use your spare tire on another vehicle.
- Do not use more than one spare tires simultaneously.
- Replace the spare tire with a standard tire as soon as possible.
- Avoid sudden acceleration, deceleration and braking, as well as sharp cornering.

■ **When storing the compact spare tire**

Be careful not to catch fingers or other body parts between the compact spare tire and the body of the vehicle.

CAUTION

■ **When the compact spare tire is attached**

The vehicle speed may not be correctly detected, and the following systems may not operate correctly:

- ABS & Brake assist
- VSC
- TRC
- Cruise control (if equipped)
- Dynamic radar cruise control (if equipped)
- Pre-crash safety system (if equipped)
- EPS
- Rear view monitor system (if equipped)
- Intelligent parking assist system (if equipped)
- Navigation system (if equipped)

■ **Speed limit when using the compact spare tire**

Do not drive at speeds in excess of 80 km/h (50 mph) when a compact spare tire is installed on the vehicle.

The compact spare tire is not designed for driving at high speeds. Failure to observe this precaution may lead to an accident causing death or serious injury.

CAUTION

Using the tire jack

Improper use of the tire jack may cause the vehicle to suddenly fall off the jack, leading to death or serious injury.
Observe the following precautions:

- Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- Only use the tire jack that comes with this vehicle for replacing a flat tire. Do not use it on other vehicles, and do not use other tire jacks for replacing tires on this vehicle.
- Always check that the tire jack is securely set to the jack point.
- Do not put any part of your body under the vehicle while it is supported by the jack.
- Do not start or run the hybrid system while your 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.

Take particular care when lowering the vehicle to ensure that no one working on or near the vehicle may be injured.

CAUTION

Replacing a flat tire

- Do not touch the disc wheels or the area around the brakes immediately after the vehicle has been driven.
  After the vehicle has been driven the disc wheels and the area around the brakes will be extremely hot. Touching these areas with hands, feet or other body parts while changing a tire, etc. may result in burns.
- Failure to follow these precautions could cause the wheel nuts to loosen and the tire to fall off, resulting in death or serious injury.
  - Have the wheel nuts tightened with a torque wrench to 103 N•m (10.5 kgf•m, 76 ft•lbf) as soon as possible after changing wheels.
  - When installing a tire, only use wheel nuts that have been specifically designed for that wheel.
  - If there are any cracks or deformations in the bolt screws, nut threads or bolt holes of the wheel, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
  - When installing the wheel nuts, be sure to install the wheel nuts with the tapered end facing inward. (→P. 440)

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

■ **Do not drive the vehicle with a flat tire**

Do not continue driving with a flat tire.
Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair.

■ **Be careful when driving over bumps with the compact spare tire installed on the vehicle**

The vehicle becomes lower when driving with the compact spare tire compared to when driving with standard tires. Be careful when driving over uneven road surfaces.

■ **Driving with tire chains and the compact spare tire**

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

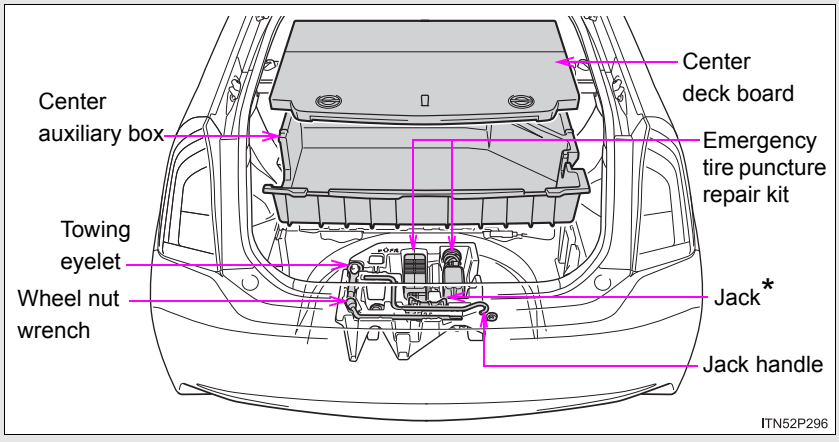
If you have a flat tire (vehicles without a spare tire)

A puncture caused by a nail or screw passing through the tire tread can be repaired temporarily using the emergency tire puncture repair kit. (The kit contains a bottle of sealant. The sealant can be used only once to temporarily repair one tire without removing the nail or screw from the tire.) After temporarily repairing the tire with the kit, have the tire repaired or replaced by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Before repairing the tire

- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift position to P.
- Stop the hybrid system.
- Turn on the emergency flashers.

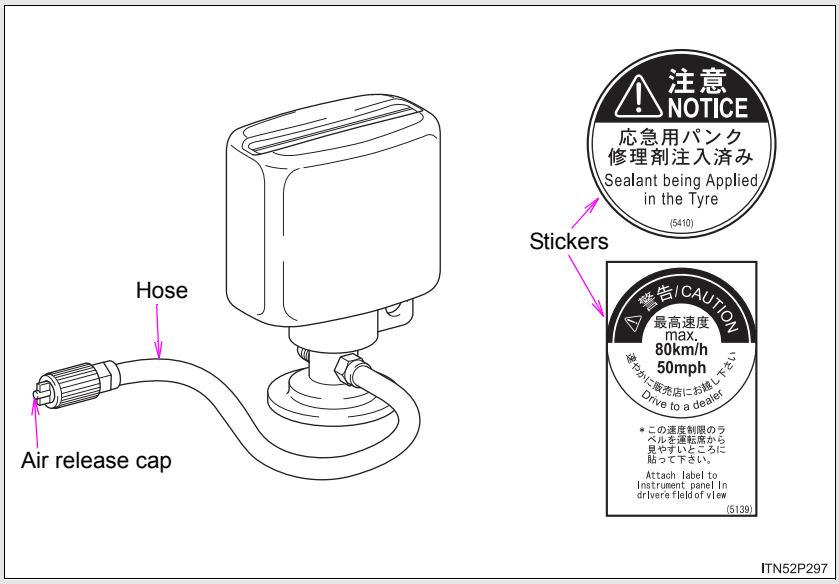
Location of the emergency tire puncture repair kit



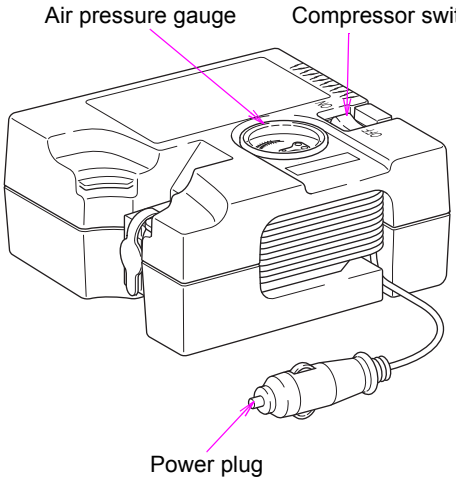
*: Removing and using the jack (→P. 510)

Emergency tire puncture repair kit components

Bottle

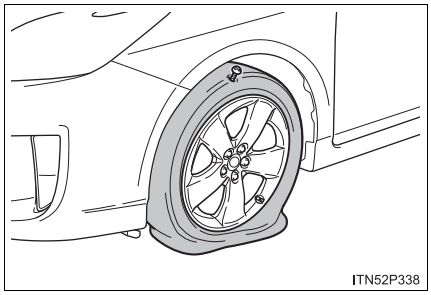


Compressor


Air pressure gauge
Compressor switch
Power plug
ITN52P298

Before performing emergency repair

Check the degree of the tire damage.



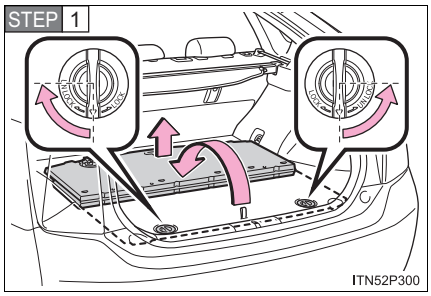
A tire should only be repaired with the emergency tire puncture repair kit if the damage is caused by a nail or screw passing through the tire tread.

- Do not remove the nail or screw from the tire. Removing the object may widen the opening and prevent emergency repair with the repair kit.
- To avoid sealant leakage, move the vehicle until the area of the puncture, if known, is positioned at the top of the tire.

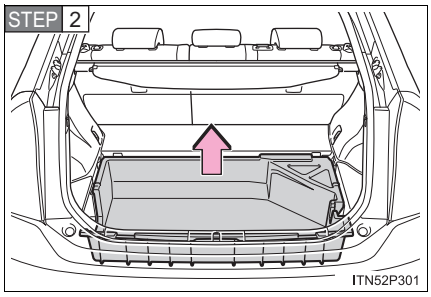
■ **In the following cases, the tire cannot be repaired with the emergency tire puncture repair kit. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.**

- When the tire is damaged due to driving without sufficient air pressure
- When there are any cracks or damage at any location on the tire, such as on the side wall, except the tread
- When the tire is visibly separated from the wheel
- When the cut or damage to the tread is 4 mm (0.16 in.) long or more
- When the wheel is damaged
- When two or more tires have been punctured
- When more than 2 sharp objects such as nails or screws have passed through the tread on a single tire
- When the sealant has expired

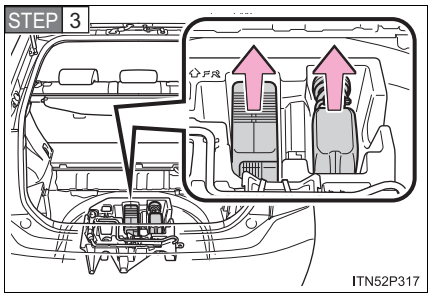
Taking out the emergency tire puncture repair kit



Remove the center deck board.



Remove the center auxiliary box.



Take out the emergency tire puncture repair kit.

CAUTION

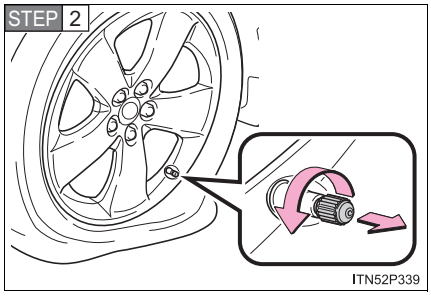
■ **Service plug**

Be careful not to hit the service plug when loading or unloading the emergency tire puncture repair kit. (→P. 43)

Emergency repair method

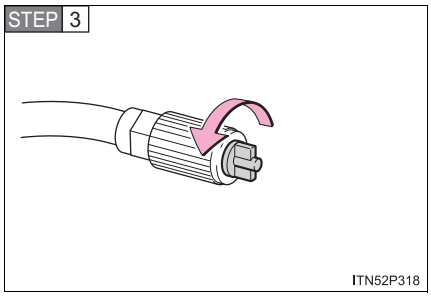
STEP 1 Take out the repair kit from the plastic bag.

STEP 2



Remove the valve cap from the valve of the punctured tire.

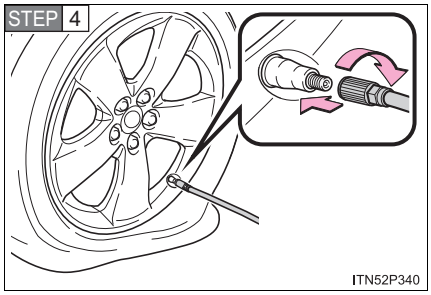
STEP 3



Remove the air release cap from the hose.

You will use the air release cap again. Therefore keep it in a safe place.

STEP 4

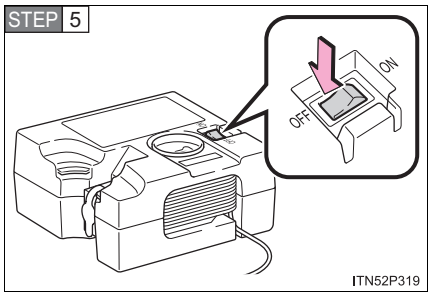


ITN52P340

Connect the hose to the valve.

Screw the end of the hose clockwise as far as possible.

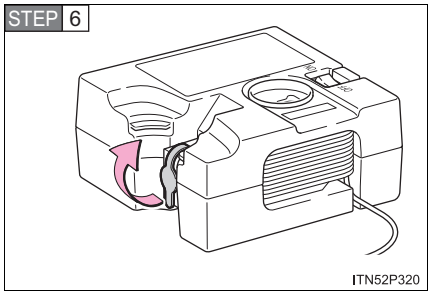
STEP 5



ITN52P319

Make sure that the compressor switch is off.

STEP 6

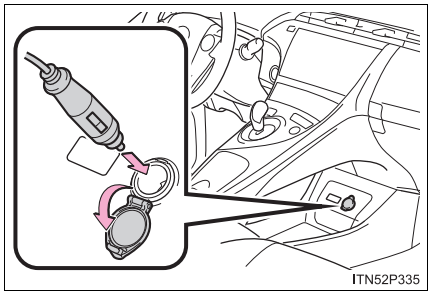


ITN52P320

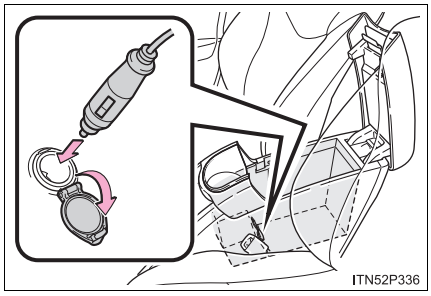
Remove the rubber stopper from the compressor.

STEP 7 Connect the power plug to the power outlet socket. (→P. 381)

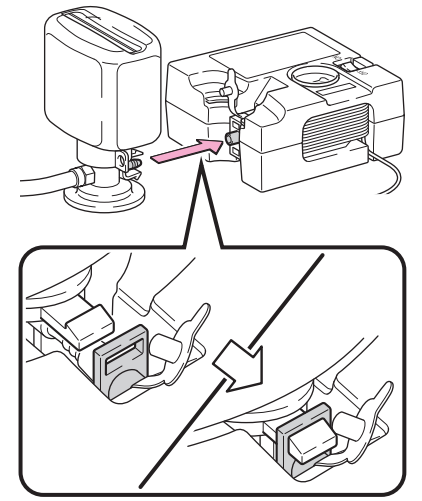
Instrument panel



Rear console box



STEP 8

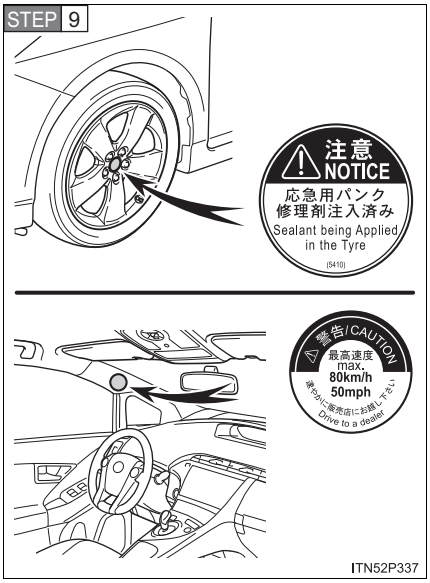


ITN52P323

Connect the bottle to the compressor.

Connect by inserting the bottle straight into the compressor, and make sure that the protruding part of the bottle is properly aligned with the groove in the case.

STEP 9



ITN52P337

Attach the 2 stickers as shown.

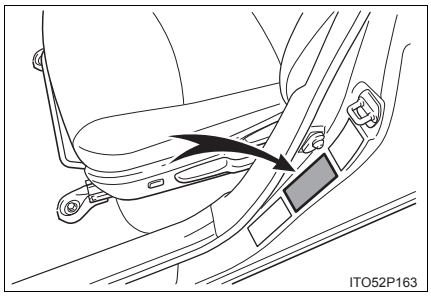
Remove any dirt and moisture from the wheel before attaching the label.

If you are unable to apply the stickers, inform the nearest authorized Toyota dealer, tire dealer or repairer, or another duly qualified and equipped professional that sealant has been applied to the puncture when having the tire repaired or replaced.

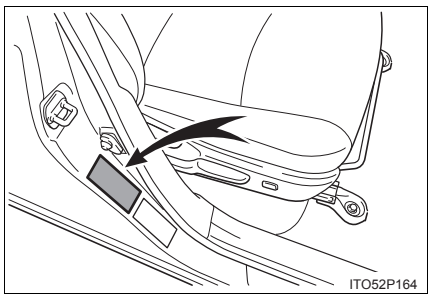
STEP 10 Check the specified tire inflation pressure.

Tire inflation pressure is specified on the label on the driver's side pillar as shown. (→P. 578)

Left-hand drive vehicles

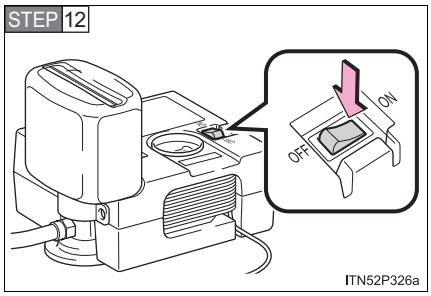


Right-hand drive vehicles

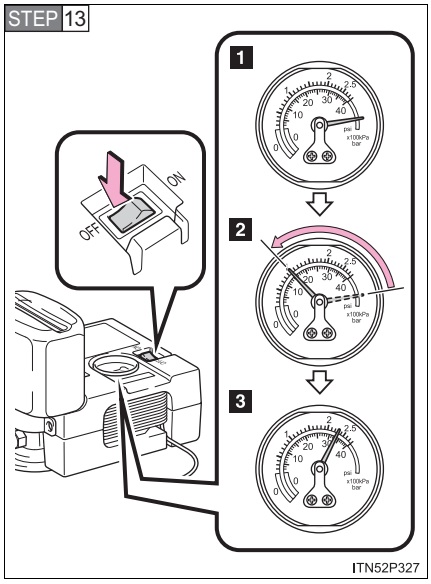


STEP 11 Start the hybrid system. (→P. 206)

STEP 12



To inject the sealant and inflate the tire, turn the compressor switch on.



Inflate the tire until the specified air pressure is reached.

1 The sealant will be injected and the pressure will spike to 300 kPa (3.1 kgf/cm^2 or bar, 44 psi) or 400 kPa (4.1 kgf/cm^2 or bar, 58 psi), and then gradually decrease.

2 The air pressure gauge will display the actual tire inflation pressure about 1 minute (15 minutes at low temperature) after the switch is turned on.

3 Inject to specified air pressure.

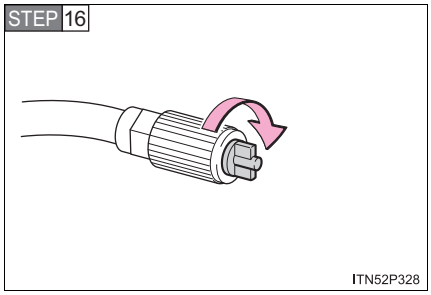
- Turn the compressor switch off and then check the tire inflation pressure. Being careful not to over inflate, check and repeat the inflation procedure until the specified tire inflation pressure is reached.
- If the tire inflation pressure is still lower than the specified point after inflation for 10 minutes (40 minutes at low temperature) with the switch on, the tire is too damaged to be repaired. Turn the compressor switch off and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- If the tire inflation pressure exceeds the specified air pressure, let out some air to adjust the tire inflation pressure.
(→P. 541, 578)

STEP 14 With the compressor switch off, disconnect the hose from the valve on the tire and then pull out the power plug from the power outlet socket.

Some sealant may leak when the hose is removed.

STEP 15 Install the valve cap onto the valve of the emergency repaired tire.

STEP 16



ITN52P328

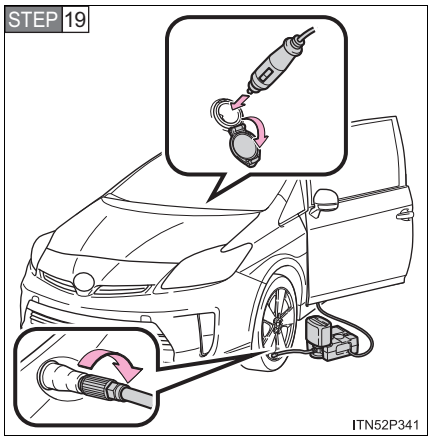
Attach the air release cap to the end of the hose.

If the air release cap is not attached, the sealant may leak and the vehicle may get dirty.

STEP 17 Temporarily store the bottle in the luggage compartment while it is connected to the compressor.

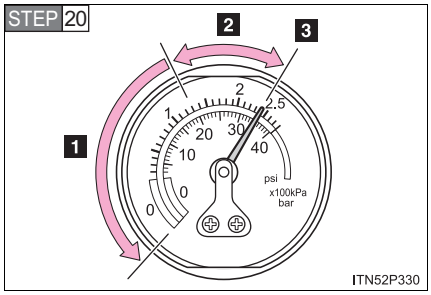
STEP 18 To spread the liquid sealant evenly within the tire, immediately drive safely for about 5 km (3 miles) below 80 km/h (50 mph).

STEP 19



After driving for about 5 km (3 miles), stop your vehicle in a safe place on a hard, flat surface and remove the air release cap from the hose before reconnecting the repair kit.

STEP 20



Turn the compressor switch on and wait for several seconds, and then turn it off. Check the tire inflation pressure.

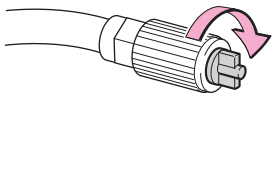
1 If the tire inflation pressure is under 130 kPa (1.3 kgf/cm^2 or bar, 19 psi): The puncture cannot be repaired. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

2 If the tire inflation pressure is 130 kPa (1.3 kgf/cm^2 or bar, 19 psi) or higher, but less than the specified air pressure: Proceed to STEP 21.

3 If the tire inflation pressure is the specified air pressure: Proceed to STEP 22.

STEP 21 Turn the compressor switch on to inflate the tire until the specified air pressure is reached. Drive for about 5 km (3 miles) and then perform STEP 19.

STEP 22



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Attach the air release cap to the end of the hose.

If the air release cap is not attached, the sealant may leak and the vehicle may get dirty.

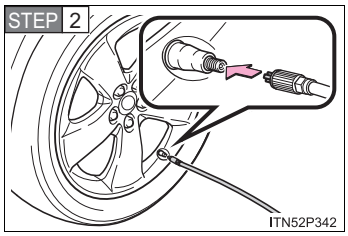
STEP 23 Store the bottle in the luggage compartment while it is connected to the compressor.

STEP 24 Taking precautions to avoid sudden braking, sudden acceleration and sharp turns, drive carefully at under 80 km/h (50 mph) to the nearest authorized Toyota dealer or repairer, or another duly qualified and equipped professional for tire repair or replacement.

■ **If the tire is inflated to more than the specified air pressure**

STEP 1 Disconnect the hose from the valve.

STEP 2



Install the air release cap to the end of the hose and push the protrusion on the air release cap into the tire valve to let some air out.

STEP 3 Disconnect the hose from the valve, remove the air release cap from the hose and then reconnect the hose.

STEP 4 Turn the compressor switch on and wait for several seconds, and then turn it off. Check that the air pressure indicator shows the specified air pressure.

If the air pressure is under the designated pressure, turn the compressor switch on again and repeat the inflation procedure until the specified air pressure is reached.

■ **The valve of a tire that has been repaired**

After a tire is repaired with the emergency tire puncture repair kit, the valve should be replaced.

■ **Note for checking the emergency tire puncture repair kit**

Check the sealant expiry date occasionally.
The expiry date is shown on the bottle.
Do not use sealant that has passed its expiry date. You may be unable to complete the repair using the emergency tire puncture repair kit.

Emergency tire puncture repair kit

- The sealant stored in the emergency tire puncture repair kit can be used only once to temporarily repair a single tire. If the sealant has been used and needs to be purchased, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- The sealant can be used when the outside temperature is from -40°C (-40°F) to 60°C (140°F).
- The repair kit is exclusively designed for size and type of tires originally installed on your vehicle. Do not use it for tires that a different size than the original ones, or for any other purposes.
- The sealant has a limited lifespan. The expiry date is shown on the bottle. The sealant should be replaced before the expiry date. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for replacement.
- If the sealant gets on your clothes, it may stain.
- If the sealant adheres to a wheel or the surface of the vehicle body, the stain may not be removable if it is not cleaned at once. Immediately wipe away the sealant with a wet cloth.
- During operation of the repair kit, a loud operation noise is produced. This does not indicate a malfunction.
- Do not use to check or to adjust the tire pressure.

CAUTION

■ Do not drive the vehicle with a flat tire

Do not continue driving with a flat tire.
Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair.

Driving with a flat tire may cause a circumferential groove on the side wall. In such a case, the tire may explode when using a repair kit.

■ Caution while driving

- Store the repair kit in the luggage compartment.
  Injuries may result in the event of an accident or sudden braking.
- The repair kit is exclusively only for your vehicle.
  Do not use repair kit on other vehicles, which could lead to an accident causing death or serious injury.
- Do not use repair kit for tires that are different size than the original ones, or for any other purpose. If the tires have not been completely repaired, it could lead to an accident causing death or serious injury.

■ Precautions for use of the sealant

- Ingesting the sealant is hazardous to your health. If you ingest sealant, consume as much water as possible, and then immediately consult a doctor.
- If sealant gets in eyes or adheres to skin, immediately wash it off with water. If discomfort persists, consult a doctor.

CAUTION

When fixing the flat tire

- Stop your vehicle in a safe and flat area.
- Do not touch the wheels or the area around the brakes immediately after the vehicle has been driven.
  After the vehicle has been driven, the wheels and the area around the brakes may be extremely hot. Touching these areas with hands, feet or other body parts may result in burns.
- Connect the valve and hose securely with the tire installed on the vehicle.
  If the hose is not properly connected to the valve, air leakage may occur as sealant may be sprayed out.
- If the hose comes off the valve while inflating the tire, there is a risk that the hose will move abruptly due to air pressure.
- After inflation of the tire has completed, the sealant may splatter when the hose is disconnected or some air is let out of the tire.
- Follow the operation procedure to repair the tire. If the procedures not followed, the sealant may spray out.
- Keep back from the tire while it is being repaired, as there is a chance of it bursting while the repair operation is being performed. If you notice any cracks or deformation of the tire, turn off the compressor switch and stop the repair operation immediately.

CAUTION

- The repair kit may overheat if operated for a long period of time. Do not operate the repair kit continuously for more than 60 minutes.
- Parts of the repair kit become hot during operation. Be careful handling the repair kit during and after operation. Do not touch the metal part connecting the bottle and the compressor. It will be extremely hot.
- Do not attach the vehicle speed warning sticker to an area other than the one indicated. If the sticker is attached to an area where an SRS airbag is located, such as the pad of the steering wheel, it may prevent the SRS airbag from operating properly.

Driving to spread the liquid sealant evenly

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

- Drive the vehicle carefully at a low speed. Be especially careful when turning and cornering.
- If the vehicle does not drive straight or you feel a pull through the steering wheel, stop the vehicle and check the following.
  - Tire condition. The tire may have separated from the wheel.
  - Tire inflation pressure. If the tire inflation pressure is 130 kPa (1.3 kgf/cm^2 or bar, 19 psi) or less, the tire may be severely damaged.

NOTICE

When performing an emergency repair

- A tire should only be repaired with the emergency tire puncture repair kit if the damage is caused by a sharp object such as nail or screw passing through the tire tread.
  Do not remove the sharp object from the tire. Removing the object may widen the opening and disenable emergency repair with the repair kit.
- The repair kit is not waterproof. Make sure that the repair kit is not exposed to water, such as when it is being used in the rain.
- Do not put the repair kit directly onto dusty ground such as sand at the side of the road. If the repair kit vacuums up dust etc., a malfunction may occur.

Precautions for the emergency tire puncture repair kit

- The repair kit power source should be 12 V DC suitable for vehicle use. Do not connect the repair kit to any other source.
- If gasoline splatters on the repair kit, the repair kit may deteriorate. Take care not to allow gasoline to contact it.
- Place the repair kit in a storage to prevent it from being exposed to dirt or water.
- Store the repair kit in the luggage compartment out of reach of children.
- Do not disassemble or modify the repair kit. Do not subject parts such as the air pressure indicator to impacts. This may cause a malfunction.

If the hybrid system will not start

Reasons for the hybrid system not starting vary depending on the situation. Check the following and perform the appropriate procedure:

■ **The hybrid system will not start even though the correct starting procedure is being followed (→P. 206)**

One of the following may be the cause of the problem:

- The electronic key may not be functioning properly.* (→P. 550)
- There may not be sufficient fuel in the vehicle's tank. Refuel the vehicle.
- There may be a malfunction in the immobilizer system.* (→P. 137)
- There may be a malfunction in the P position control system.* (→P. 211, 495)

*: It may not be possible to shift the shift position from P to another position.

■ **The interior lights and headlights are dim, or the horn does not sound or sounds at a low volume**

One of the following may be the cause of the problem:

- The 12-volt battery may be discharged. (→P. 553)
- The 12-volt battery terminal connections may be loose or corroded.

■ **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 12-volt battery terminals may be disconnected.
- The 12-volt battery may be discharged. (→P. 553)

Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional if the problem cannot be repaired, or if repair procedures are unknown.

Emergency start function

When the hybrid system does not start, the following steps can be used as an interim measure to start the hybrid system if the “POWER” switch is functioning normally:

STEP 1 Set the parking brake.

STEP 2 Turn the “POWER” switch to ACCESSORY mode.

STEP 3 Press and hold the “POWER” switch for about 15 seconds while depressing the brake pedal firmly.

Even if the hybrid system can be started using the above steps, the system may be malfunctioning. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

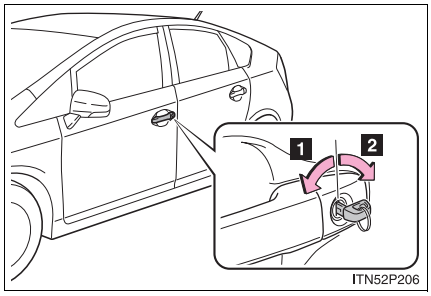
If you lose your keys

New genuine keys can be made by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional using the other key and the key number stamped on your key number plate.

If the electronic key does not operate properly

If communication between the electronic key and vehicle is interrupted (→P. 82) or the electronic key cannot be used because the battery is depleted, the smart entry & start system and wireless remote control cannot be used. In such cases, the doors can be opened and the hybrid system can be started by following the procedure below.

Locking and unlocking the doors



Use the mechanical key (→P. 68) in order to perform the following operations:

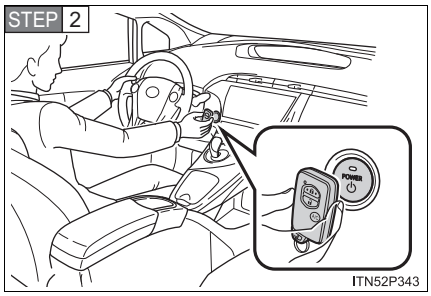
1 Locks all the doors

2 Unlocks all the doors

Changing “POWER” switch modes and starting the hybrid system

STEP 1 Depress the brake pedal.

STEP 2



Touch the Toyota emblem side of the electronic key to the “POWER” switch.

If any of the doors is opened or closed while the key is being touched to the switch, an alarm will sound to indicate that the start function cannot detect the electronic key.

STEP 3 Perform the following operations.

To change “POWER” switch modes: Within 10 seconds of the buzzer sounding, release the brake pedal and press the “POWER” switch. Modes can be changed each time the switch is pressed. (→P. 208)

To start the hybrid system: Press the “POWER” switch within 10 seconds of the buzzer sounding, keeping the brake pedal depressed.

In the event that the hybrid system still cannot be operated, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Stopping the hybrid system**

Set the parking brake, shift the shift position to P and press the “POWER” switch as you normally do when stopping the hybrid system.

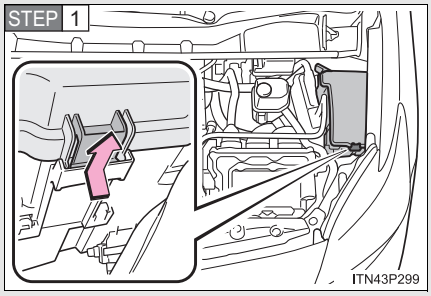
■ **Replacing the key battery**

As the above procedure is a temporary measure, it is recommended that the electronic key battery be replaced immediately when the battery is depleted. (→P. 445)

If the 12-volt battery is discharged

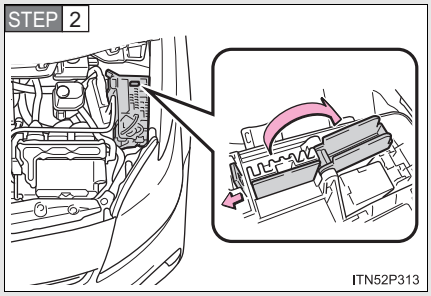
The following procedures may be used to start the hybrid system if the vehicle's 12-volt battery is discharged.
You can also call any authorized Toyota dealer or repairer, or another duly qualified and equipped professional or a qualified repair shop.

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.

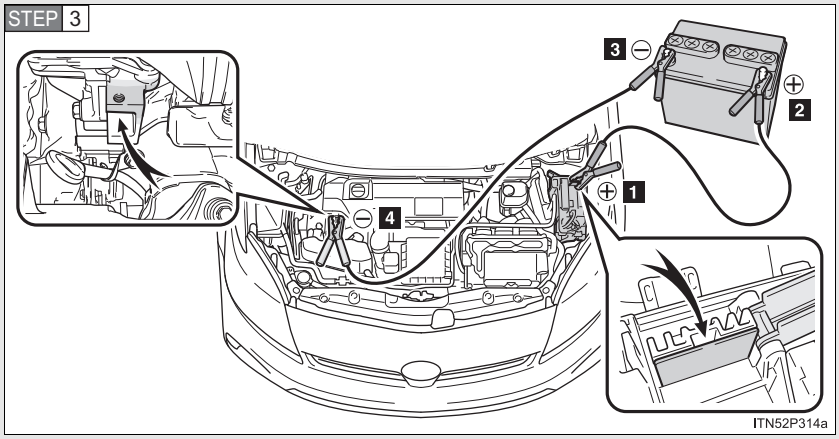


Open the hood and fuse block cover.

When closing, first hook the lid onto the two rear tabs.



Open the exclusive jump starting terminal cover.



Connect the jumper cables according to the following procedure:

1 Connect a positive jumper cable clamp to the exclusive jump starting terminal on your vehicle.

2 Connect the clamp on the other end of the positive cable to the positive (+) battery terminal on the second vehicle.

3 Connect a negative cable clamp to the negative (-) battery terminal on the second vehicle.

4 Connect the clamp at the other end of the negative cable to a solid, stationary, unpainted metallic point away from the exclusive jump starting terminal and any moving parts, as shown in the illustration.

STEP 4 Start the engine of the second vehicle. Increase the engine speed slightly and maintain at that level for approximately 5 minutes to recharge the battery of your vehicle.

STEP 5 Maintain the engine speed of the second vehicle and start the hybrid system of your vehicle by turning the “POWER” switch to ON mode.

STEP 6 Make sure the “READY” indicator comes on. If the indicator light does not come on, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

STEP 7 Once the hybrid system has started, remove the jumper cables in the exact reverse order from which they were connected.

STEP 8 Close the exclusive jump starting terminal cover, and reinstall the fuse box cover to its original position.

When installing, first hook the fuse box cover onto the two rear tabs.

Once the hybrid system starts, have the vehicle inspected at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

■ **Starting the hybrid system when the 12-volt battery is discharged**

The hybrid system cannot be started by push-starting.

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

- Turn off the headlights and the audio system while the hybrid system is off.
- Turn off any unnecessary electrical components when the vehicle is running at a low speed for an extended period, such as in heavy traffic.

■ **When the 12-volt battery is removed or discharged**

- The hybrid system may not start. (→P. 428)
- If the 12-volt battery is depleted with the shift position in P, it will not be possible to shift the shift position other than P. In this case, the vehicle cannot be towed without lifting both front wheels because the front wheels are locked by the parking lock. (→P. 477)
- When the 12-volt battery is reconnected, start the hybrid system, depress the brake pedal, and confirm that it is possible to shift into each shift position.
- Vehicles with alarm system: Make sure that the key is not inside the vehicle when recharging or replacing the 12-volt battery. The key may be locked in the vehicle if the alarm is activated.

■ **Charging the 12-volt battery**

The electricity stored in the 12-volt battery will discharge gradually even when the vehicle is not in use, due to natural discharge and the draining effects of certain electrical appliances. If the vehicle is left for a long time, the 12-volt battery may discharge, and the hybrid system may be unable to start. (The 12-volt battery recharges automatically while the hybrid system is operating.)

CAUTION

Avoiding 12-volt battery fires or explosions

Observe the following precautions to prevent accidentally igniting the flammable gas that may be emitted from the 12-volt battery:

- Make sure each jumper cable is connected to the correct terminal and that it is not unintentionally in contact with any other than the intended terminal.
- Do not allow the other end of the jumper cable connected to the “+” terminal to come into contact with any other parts or metal surfaces in the area, such as brackets or unpainted metal.
- Do not allow the + and - clamps of the jumper cables to come into contact with each other.
- Do not smoke, use matches, cigarette lighters or allow open flame near the 12-volt battery.

12-volt battery precautions

The 12-volt battery contains poisonous and corrosive acidic electrolyte, while related parts contain lead and lead compounds. Observe the following precautions when handling the 12-volt battery:

- When working with the 12-volt battery, always wear safety glasses and take care not to allow any battery fluids (acid) to come into contact with skin, clothing or the vehicle body.
- Do not lean over the 12-volt battery.
- In the event that battery fluid comes into contact with the skin or eyes, immediately wash the affected area with water and seek medical attention. Place a wet sponge or cloth over the affected area until medical attention can be received.
- Always wash your hands after handling the battery support, terminals, and other battery-related parts.
- Do not allow children near the 12-volt battery.

CAUTION

■ **After recharging the 12-volt battery**

Have the 12-volt battery inspected at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

If the 12-volt battery is deteriorating, continued use may cause the 12-volt battery to emit a malodorous gas, which may be detrimental to the health of passengers.

■ **When replacing the 12-volt battery**

→P. 430

NOTICE

■ **When handling jumper cables**

When connecting the jumper cables, ensure that they do not become entangled in the cooling fans, etc.

■ **Exclusive jump starting terminal**

The exclusive jump starting terminal is to be used when charging the 12-volt battery from another vehicle in an emergency. It cannot be used to jump start another vehicle.

If your vehicle overheats

The following may indicate that your vehicle is overheating:

- The high coolant temperature warning light flashes or comes on:
  The engine may be overheating.
- “HYBRID SYSTEM OVERHEAT” is shown on the multi-information display:
  The power control unit may be overheating.

Follow the correction procedure as described below.

Correction procedures

If the high coolant temperature warning light flashes or comes on

STEP 1 Stop the vehicle in a safe place and turn off the air conditioning system.

STEP 2 Check to see if steam is coming out from under the hood.

If you see steam:

Stop the hybrid system. Carefully lift the hood after the steam subsides and then restart the hybrid system.

If you do not see steam:

Leave the hybrid system operating and carefully lift the hood.

STEP 3 Check to see if the cooling fans are operating.

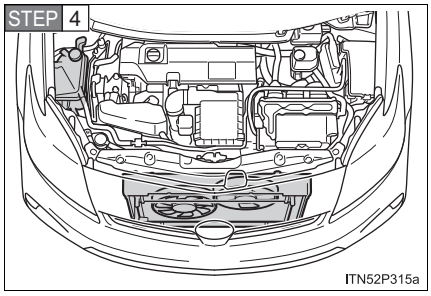
If the fans are operating:

Wait until the high coolant temperature warning light goes off and then stop the hybrid system.

If the fans are not operating:

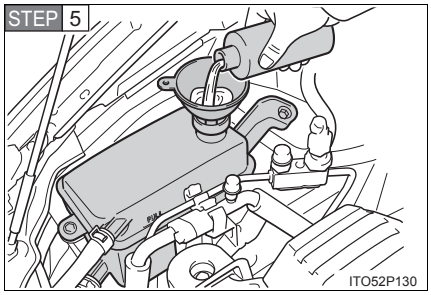
Stop the hybrid system immediately and call any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

STEP 4



After the hybrid system has cooled down sufficiently, check the engine coolant level and inspect the cooling system for leaks.

STEP 5



If necessary, add engine coolant up to the “FULL” line.

Water can be used in an emergency measure if engine coolant is unavailable. (→P. 576)

Have the vehicle checked at nearest any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

If “HYBRID SYSTEM OVERHEAT” is shown on the multi-information display

STEP 1 Stop the vehicle in a safe place and turn off the air conditioning system.

STEP 2 Leave the hybrid system operating and carefully lift the hood.

STEP 3 Check if the cooling fans are operating.

If the fans are operating:

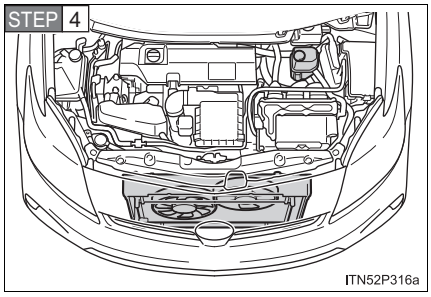
Wait until “HYBRID SYSTEM OVERHEAT” disappears and then stop the hybrid system.

If the warning light does not turn off, call any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

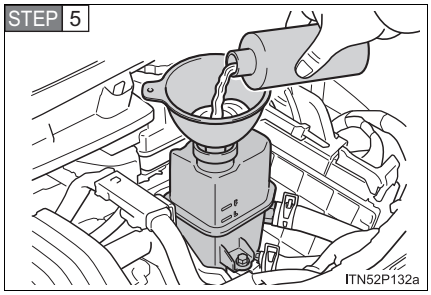
If the fans are not operating:

Stop the hybrid system immediately and call any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

STEP 4



After the hybrid system has cooled down, check the power control unit coolant level and inspect the cooling system for leaks.



If necessary, add power control unit coolant up to the “F” line.

Water can be used in an emergency measure if power control unit coolant is unavailable.
(→P. 576)

Have the vehicle checked at nearest any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

■ **Overheating**

The following symptoms may occur when your vehicle is overheating:

- Hybrid system output decrease
- Steam is coming from under the hood

⚠ CAUTION

■ To prevent an accident or injury when inspecting under the hood of your vehicle

- If steam is seen coming from under the hood, do not open the hood until the steam has subsided. The engine compartment may be very hot, causing serious injuries such as burns.
- Check that the indicator on the “POWER” switch and the “READY” indicator are off.
- For vehicles with a hybrid system, there are times when the gasoline engine automatically starts to run or the cooling fans suddenly start to operate. Do not touch or approach the rotating parts of the fans, etc. Doing so may lead to fingers, clothes or tools getting caught, resulting in injury.
- Do not loosen the coolant reservoir cap while the hybrid system and radiator are hot.
  Serious injury, such as burns, may result from hot coolant and steam released under pressure.

⚠ NOTICE

■ When adding engine/power control unit coolant

Wait until the hybrid system has cooled down before adding engine/power control unit coolant.
When adding coolant, do so slowly. Adding cool coolant to a hot hybrid system too quickly can cause damage to the hybrid system.

■ To prevent damage to the cooling system

Observe the following precautions:

- Avoid contaminating the coolant with foreign matter (such as sand or dust etc.)
- Do not use commercially available 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:

STEP 1 Set the parking brake and shift the shift position to P. Stop the hybrid system.

STEP 2 Remove the mud, snow or sand from around the stuck tire.

STEP 3 Place wood, stones or some other material under the tires to help provide traction.

STEP 4 Restart the hybrid system.

STEP 5 Shift the shift position to D or R, release the parking brake and carefully apply the accelerator to free the vehicle.

⚠ CAUTION

■ When attempting to free a stuck vehicle

If you choose to push the vehicle back and forth to free it, make sure the surrounding area is clear to avoid striking other vehicles, objects or people. The vehicle may also lunge forward or lunge back suddenly as it becomes free. Use extreme caution.

■ When changing the shift position

Be careful not to change the shift position with the accelerator pedal depressed.
Changing the shift position to any positions other than P or N may cause the vehicle to accelerate abruptly, causing an accident and resulting in death or serious injury.

NOTICE

To avoid damage to the hybrid transmission and other components

- Avoid spinning the wheels and depressing the accelerator pedal more than necessary.
- If the vehicle remains stuck even after these procedures are performed, the vehicle may require towing to be freed.

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:

STEP 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.

STEP 2 Shift the shift position to N.

If the shift position is shifted to N

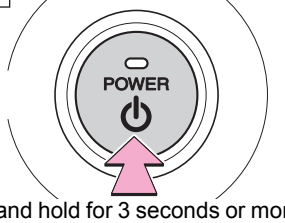
STEP 3 After slowing down, stop the vehicle in a safe place by the road.

STEP 4 Stop the hybrid system.

If the shift position cannot be shifted to N

STEP 3 Keep depressing the brake pedal with both feet to reduce vehicle speed as much as possible.

STEP 4



Press and hold for 3 seconds or more, or press briefly for 3 times or more

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To stop the hybrid system, press and hold the “POWER” switch for 3 consecutive seconds or more, or press it briefly for 3 times or more in succession.

STEP 5 Stop the vehicle in a safe place by the road.

CAUTION

■ **If the hybrid system 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 hybrid system.

Vehicle specifications 6

6-1. Specifications

Maintenance data (fuel, oil level, etc.)..... 570

Fuel information..... 581

6-2. Customization

Customizable features..... 583

Dimensions and weights

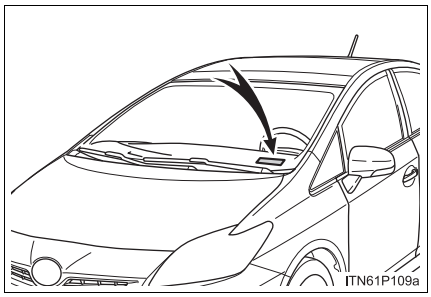
Overall length		4480 mm (176.4 in.)
Overall width		1745 mm (68.7 in.)
Overall height*1		1490 mm (58.7 in.)*2 1505 mm (59.3 in.)*2
Wheelbase		2700 mm (106.3 in.)
Tread	Front	1525 mm (60.0 in.)*3 1515 mm (59.6 in.)*4
	Rear	1520 mm (59.8 in.)*3 1510 mm (59.4 in.)*4
Gross vehicle mass		1805 kg (3979 lb.)
Maximum permissible axle capacity	Front	1020 kg (2249 lb.)
	Rear	980 kg (2161 lb.)

*1: Unladen vehicle
*2: Overall height may differ depending on the target region.
*3: Vehicles with 15-inch tires
*4: Vehicles with 17-inch tires

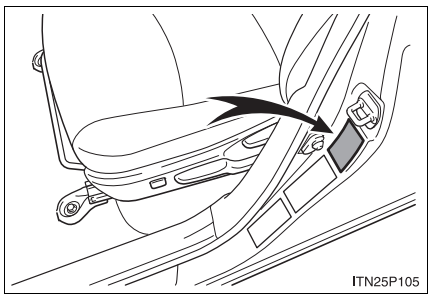
Vehicle identification

Vehicle identification number

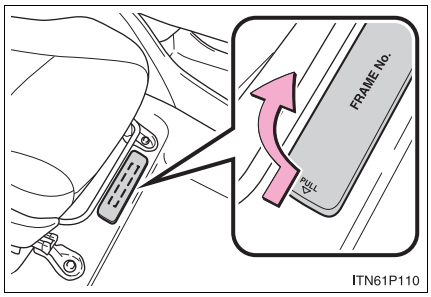
The vehicle identification number (VIN) is the legal identifier for your vehicle. This is the primary identification number for your Toyota. It is used in registering the ownership of your vehicle.



This number is stamped on the top left of the instrument panel.

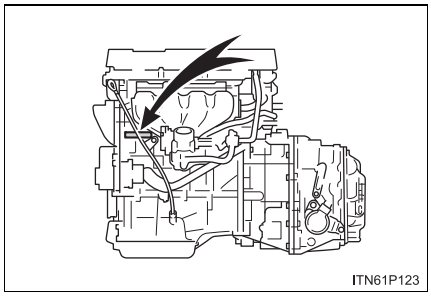


This number is also on the manufacturer's label.



This number is also stamped under the right-hand front seat.

■ Engine number



The engine number is stamped on the engine block as shown.

Engine

Model	2ZR-FXE
Type	4-cylinder in line, 4-cycle, gasoline
Bore and stroke	80.5 × 88.3 mm (3.17 × 3.48 in.)
Displacement	1798 cm^3 (109.7 cu.in.)
Valve clearance (engine cold)	Automatic adjustment

Fuel

Fuel type	EU area: Unleaded gasoline conforming to European standard EN228 only Except EU area: Unleaded gasoline only
Research Octane Number	95 or higher
Fuel tank capacity (Reference)	45 L (11.9 gal., 9.9 Imp.gal.)

Electric motor (Traction motor)

Type	Permanent magnet motor
Maximum output	60 kW
Maximum torque	207 N•m (21.1 kgf•m, 153 ft•lbf)

Hybrid battery (traction battery)

Type	Nickel-Metal hydride battery
Voltage	7.2 V/module
Capacity	6.5 Ah (3HR)
Quantity	28 modules
Overall voltage	201.6 V

Lubrication system

Oil capacity (Drain and refill — reference*)	
With filter	4.2 L (4.4 qt., 3.7 Imp.qt.)
Without filter	3.9 L (4.1 qt., 3.4 Imp.qt.)

*: The engine oil capacity is a reference quantity to be used when changing the engine oil. Warm up the engine and turn off the hybrid system, wait more than 5 minutes, and check the oil level on the dipstick.

■ Engine oil selection

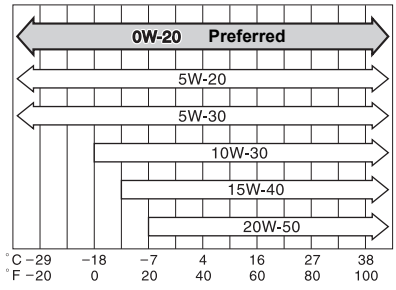
“Toyota Genuine Motor Oil” is used in your Toyota vehicle. Use Toyota approved “Toyota Genuine Motor Oil” or equivalent to satisfy the following grade and viscosity.

Oil grade:

0W-20, 5W-20, 5W-30 and 10W-30:
API grade SL “Energy-Conserving”, SM “Energy-Conserving”, SN “Resource-Conserving” or ILSAC multigrade engine oil

15W-40 and 20W-50:
API grade SL, SM or SN multigrade engine oil

Recommended viscosity (SAE):



Temperature range anticipated before next oil change.

ITNOIL059

SAE 0W-20 is filled into your Toyota vehicle at manufacturing, and the best choice for good fuel economy, and good starting in cold weather.

If SAE 0W-20 oil is not available, SAE 5W-30 oil may be used. However, it should be replaced with SAE 0W-20 at the next oil change.

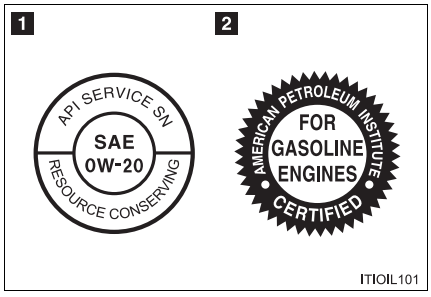
If you use SAE 10W-30 or a higher viscosity engine oil in extremely low temperatures, the engine may become difficult to start, so SAE 5W-30 or lower viscosity engine oil is recommended.

Oil viscosity (0W-20 is explained here as an example):

- The 0W in 0W-20 indicates the characteristic of the oil which allows cold startability. Oils with a lower value before the W allow for easier starting of the engine in cold weather.
- The 20 in 0W-20 indicates the viscosity characteristic of the oil when the oil is at high temperature. An oil with a higher viscosity (one with a higher value) may be better suited if the vehicle is operated at high speeds, or under extreme load conditions.

How to read oil container labels:

Either or both API registered marks are added to some oil containers to help you select the proper oil you should use.



1 API Service Symbol

Top portion: The oil quality designation by API (American Petroleum Institute) (SN)

Center portion: The SAE viscosity grade (SAE 0W-20)

Lower portion: “Resource-conserving” means that the oil has fuel saving and environmental protection capabilities.

2 ILSAC Certification Mark

The ILSAC (International Lubricant Standardization and Approval Committee) certification Mark is displayed on the front of the container.

Cooling system

Capacity	Gasoline engine	**Without an exhaust heat recovery system** 6.5 L (6.9 qt., 5.7 Imp.qt.) **With an exhaust heat recovery system** 7.2 L (7.6 qt., 6.3 Imp.qt.)
	Power control unit	2.1 L (2.2 qt., 1.8 Imp.qt.)
Coolant type		Use either of the following: • “Toyota Super Long Life Coolant” • Similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology Do not use plain water alone.

Ignition system

Spark plug Make	DENSO SC20HR11
Gap	1.1 mm (0.043 in.)

NOTICE

■ **Iridium-tipped spark plugs**

Use only iridium-tipped spark plugs. Do not adjust the spark plug gap.

Electrical system

12-volt battery Open voltage at 20 °C (68 °F):	12.6 — 12.8 V Fully charged 12.2 — 12.4 V Half charged 11.5 — 11.9 V Discharged (Voltage is checked 20 minutes after the hybrid system and all lights are turned off.)
Charging rates	5 A max.

Transmission

Fluid capacity*	3.4 L (3.6 qt., 3.0 Imp.qt.)
Fluid type	Toyota Genuine ATF WS

*: The fluid capacity is the quantity of reference.
If replacement is necessary, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

NOTICE

■ Transmission fluid type

Using transmission fluid other than “Toyota Genuine ATF WS” may cause deterioration in shift quality, locking up of your transmission accompanied by vibration, and ultimately damage the transmission of your vehicle.

Brakes

Pedal clearance*1	**Left-hand drive vehicles** 77 mm (3.03 in.) Min. **Right-hand drive vehicles** 80 mm (3.15 in.) Min.
Pedal free play	1.0 — 6.0 mm (0.04 — 0.24 in.)
Parking brake pedal travel*2	8 — 11 clicks
Fluid type	SAE J1703 or FMVSS No. 116 DOT 3

*1: Minimum pedal clearance when depressed with a force of 196 N (20.0 kgf, 44.1 lbf) while the hybrid system is operating.

*2: Parking brake pedal travel when depressed with a force of 300 N (30.6 kgf, 67.5 lbf).

Steering

Free play	Less than 30 mm (1.2 in.)

Tires and wheels

15-inch tires (with compact spare tire or with no spare tire)

Tire size	195/65R15 91H
Tire inflation pressure (Recommended cold tire inflation pressure)	**Front tire** 250 kPa (2.5 kgf/cm^2 or bar, 36 psi) **Rear tire** 240 kPa (2.4 kgf/cm^2 or bar, 35 psi)
Wheel size	15 × 6J
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

17-inch tires

Tire size	215/45R17 87W
Tire inflation pressure (Recommended cold tire inflation pressure)	**Front tire** 230 kPa (2.3 kgf/cm^2 or bar, 33 psi) **Rear tire** 220 kPa (2.2 kgf/cm^2 or bar, 32 psi)
Wheel size	17 × 7J
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

Compact spare tire

Tire size	T135/80D16 101M
Tire inflation pressure (Recommended cold tire inflation pressure)	420 kPa (4.2 kgf/cm^2 or bar, 60 psi)
Wheel size	16 × 4T
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

Light bulbs

	Light Bulbs	W	Type
Exterior	Halogen headlights Low beam High beam LED headlights High beam	 55 60 60	 A B B
	Front fog lights	19	C
	Front turn signal lights	21	D
	Front position lights (halogen headlights)	5	E
	Rear turn signal lights	21	D
	Back-up lights	21	E
	Rear fog light	21	E
	License plate lights	5	E
Interior	Front interior/personal lights	5	E
	Rear interior light	8	F
	Vanity lights	8	E
	Door courtesy lights	5	E
	Luggage compartment light	5	F

A: H11 halogen bulbs
B: HB3 halogen bulbs
C: H16 halogen bulbs
D: Wedge base bulbs (amber)
E: Wedge base bulbs (clear)
F: Double end bulbs

Fuel information

EU area:
Your vehicle must use only unleaded gasoline conforming to European standard EN228.
For optimum engine performance, select unleaded gasoline with a Research Octane Number of 95 or higher.

Except EU area:
Your vehicle must use only unleaded gasoline.
For optimum engine performance, select unleaded gasoline with a Research Octane Number of 95 or higher.

■ **Fuel tank opening for unleaded gasoline**

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

■ **If your engine knocks**

- Consult any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- You may occasionally notice light knocking for a short time while accelerating or driving uphill. This is normal and there is no need for concern.

NOTICE

Notice on fuel quality

- Do not use improper fuels. If improper fuels are used the engine will be damaged.
- Do not use leaded gasoline.
  Leaded gasoline will cause the three-way catalytic converter to lose its effectiveness and emission control system to function improperly.
- Gasoline engine (EU area): Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. The use of these fuels will damage the vehicle’s fuel system. In case of any doubt, ask any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- Gasoline engine (except EU area): Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. Your vehicle can use gasoline mixed with 10% max ethanol. The use of fuel with more than 10% ethanol content (E10) will damage the vehicle’s fuel system. You must ensure that refueling is carried out only from a source where fuel specification and quality can be guaranteed. In case of any doubt, ask any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Customizable features

Your vehicle includes a variety of electronic features that can be personalized to suit your preferences. Programming these preferences requires specialized equipment and may be performed by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Some function settings are changed simultaneously with other functions being customized. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for further details.

Customizable features

1 Vehicles with a “touch screen”: Settings that can be changed using the “touch screen”
(For further information on customizing settings using the “touch screen”, refer to the ““touch screen” Owner’s Manual”.)

2 Vehicles with a navigation system: Settings that can be changed using the navigation system
(For further information on customizing settings using the navigation system, refer to the “Navigation System Owner’s Manual”.)

3 Settings that can be changed by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional

Definition of symbols: O = Available, — = Not available

Item	Function	Default setting	Customized setting	1	2	3
Smart entry & start system (→P. 71)	Smart entry & start system	ON	OFF	O	O	O
Wireless remote control (→P. 93)	Wireless remote control	ON	OFF	–	–	O
	Buzzer sounds when pushing with any door not closed	ON	OFF	–	–	O
Smart entry & start system (→P. 71) and wireless remote control (→P. 93)	Operation signals (Emergency flashers)	ON	OFF	–	O	O
	Operation signals (Buzzer volume)	Level 7	Level 1 to 6	O	O	O
			OFF			
	Time elapsed before automatic door lock function is activated if door	30 seconds	60 seconds	–	–	O
			120 seconds			

Item	Function	Default setting	Customized setting	1	2	3
Alarm (→P. 144)	Operation when doors are unlocked using the mechanical key	OFF	ON	–	–	O
Power windows (→P. 123)	The one-touch closing operation except for driver's seat	ON	OFF	–	–	O
Automatic light control system (→P. 265)	Light sensor sensitivity	Level 3	Levels 1 to 5	O	O	O
Illumination (→P. 365)	Time elapsed before lights turn off	15 seconds	OFF	–	O	O
			7.5 seconds			
			30 seconds			
	Operation when the doors are unlocked*	ON	OFF	–	O	O

Item	Function	Default setting	Customized setting	1	2	3
Illumination (→P. 365)	Operation after the “POWER” switch turned OFF*	ON	OFF	–	O	O
	Operation when you approach the vehicle with the electric key on your person (When the personal/interior light main switch is door position)*	ON	OFF	–	O	O
	Foot lights	ON	OFF	–	–	O
	Foot lights operation when the vehicle is running	ON	OFF	–	–	O

*: When the customized settings are changed using the navigation system, these functions will be changed between ON and OFF simultaneously.

Item	Function	Default setting	Customized setting	1	2	3
Meter and instrument panel (→P. 228)	Sensor sensitivity for darkening the brightness of the meter, navigation system and instrument panel depending on the outside brightness	0	-2 to +2	–	–	O
	Sensor sensitivity for returning the brightness of the meter, navigation system and instrument panel to the original level depending on the outside brightness	0	-2 to +2	–	–	O

Item	Function	Default setting	Customized setting	1	2	3
Automatic air conditioning system (→P. 338)	Switching between outside air and recirculated air mode linked to “AUTO” switch operation	ON	OFF	–	O	O
	Heating/cooling operation minimized in Eco drive mode	ON	OFF	–	–	O

Item	Function	Default setting	Customized setting	1	2	3
Remote Air Conditioning System (→P. 353)	Operation using the “A/C” button on the wireless remote control	Push and hold for 0.8 seconds	Push once	–	–	O
			Push twice			
			Push and hold for 2.4 seconds			
			OFF			
	Stopping the operation using the “A/C” button on the wireless remote control	Push twice	Push once	–	–	O
			Push and hold for 0.8 seconds			
			Push and hold for 2.4 seconds			
			OFF			

Item	Function	Default setting	Customized setting	1	2	3
Reverse warning buzzer (→P. 221)	Operation signals (Buzzer) when shifting into R	Beeps repeatedly	Beeps once	–	–	O
Seat belt reminder (→P. 491)	Vehicle speed linked seat belt reminder buzzer	ON	OFF	–	–	O

Multi-information display (→P. 238)

Available languages	**Left-hand drive vehicles** English, French, German, Italian, Spanish and Russian **Right-hand drive vehicles** English, French and German

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Abbreviation/Acronym list

ABBREVIATIONS	MEANING
A/C	Air Conditioning
ABS	Anti-lock Brake System
CRS	Child Restraint System
DISP	Display
ECO	Economy/Ecology
ECU	Electronic Control Unit
ELR	Emergency Locking Retractor
EPS	Electric Power Steering
EV	Electric Vehicle
IPA	Intelligent Parking Assist
LED	Light Emitting Diode
OBD	On Board Diagnostics
PCS	Pre-Crash Safety System
PWR	Power
SRS	Supplemental Restraint System
TRC	Traction Control
VIN	Vehicle Identification Number
VSC	Vehicle Stability Control

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*: Refer to ""touch screen" Owner's Manual" or "Navigation System Owner's Manual".

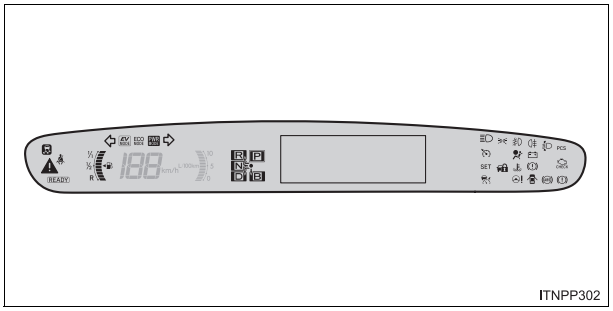
W

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*: Refer to ""touch screen" Owner's Manual" or "Navigation System Owner's Manual".

What to do if...

A tire punctures	P. 509, 524	If you have a flat tire
The hybrid system does not start	P. 547	If the hybrid system will not start
	P. 137	Immobilizer system
	P. 553	If the 12-volt battery is discharged
The high coolant temperature warning light flashes or comes on	P. 559	If your vehicle overheats
"HYBRID SYSTEM OVERHEAT" is displayed		
Steam can be seen coming from under the hood		
The key is lost	P. 549	If you lose your keys
The 12-volt battery runs out	P. 553	If the 12-volt battery is discharged
The doors cannot be locked	P. 95	Side doors
	P. 98	Back door
The vehicle is stuck in mud or sand	P. 564	If the vehicle becomes stuck
A warning light or indicator light comes on	P. 485	If a warning light turns on or a warning buzzer sounds



■ **Warning lights**

Master warning light P. 491	ABS warning light P. 487
Brake system warning light (red indicator) P. 485	Electric power steering system warning light P. 487
Charging system warning light P. 486	Pre-crash safety system warning light* P. 488
High coolant temperature warning light P. 486	Slip indicator light P. 488
Malfunction indicator lamp P. 487	Brake system warning light (yellow indicator) P. 488
SRS warning light P. 487	Automatic headlight leveling system warning light P. 489



Cruise control indicator light* P. 489



Low fuel level warning light P. 490



Radar cruise control indicator light* P. 489



Driver's seat belt reminder light P. 490



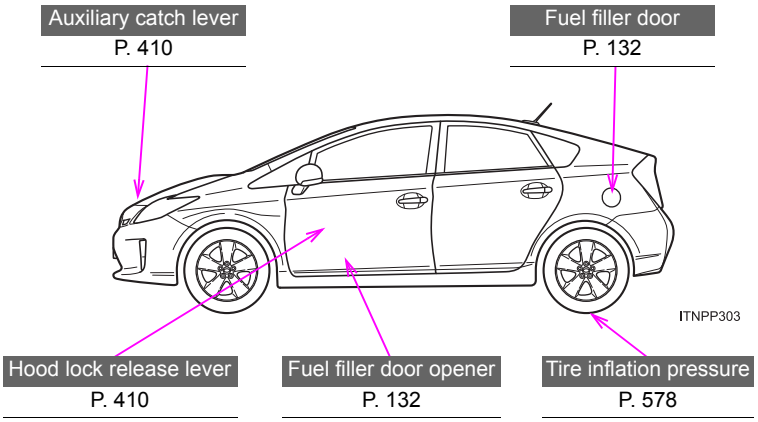
Open door warning light P. 490



Front passenger's seat belt reminder light P. 490

*: The light flashes to indicate a malfunction.

GAS STATION INFORMATION



Fuel tank capacity (Reference)	45 L (11.9 gal., 9.9 Imp.gal.)	
Fuel type	Unleaded gasoline only	P. 572
Cold tire inflation pressure		P. 578
Engine oil capacity (Drain and refill — reference)		L (qt., Imp.qt.)
	With filter	4.2 (4.4, 3.7)
	Without filter	3.9 (4.1, 3.4)
Engine oil type	Toyota Genuine Motor Oil or equivalent Oil grade: 0W-20, 5W-20, 5W-30 and 10W-30: API grade SL “Energy-Conserving”, SM “Energy-Conserving”, SN “Resource-Conserving” or ILSAC multigrade engine oil 15W-40 and 20W-50: API grade SL, SM or SN multigrade engine oil	P. 573