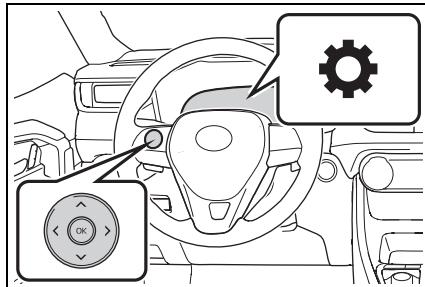


■ How to initialize the tire pressure warning system

- ▶ Vehicles without tire inflation pressure display function
- 1 Park the vehicle in a safe place and stop the engine.
- Initialization cannot be performed while the vehicle is moving.
- 2 Adjust the tire inflation pressure to the specified cold tire inflation pressure level.
(→P.683)

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

- 3 Turn the engine switch to ON.
- 4 Press **<** or **>** of the meter control switches on the steering wheel and select .



- 5 Press **▲** or **▼** of the meter control switches, select "Vehicle Settings" and then press and hold .
- 6 Press **▲** or **▼** of the meter control switches, select "TPWS" and then press .

- 7 Press **▲** or **▼** of the meter control switches, select the "Set Pressure". Then press and hold .

"Setting Tire Pressure Warning System" will be displayed on the multi-information display and the tire pressure warning light will blink 3 times.

When the message disappears, initialization is complete.

- ▶ Vehicles with tire inflation pressure display function

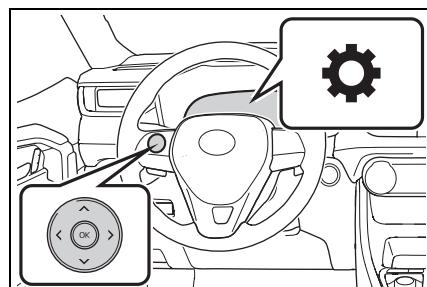
- 1 Park the vehicle in a safe place and stop the engine for 20 minutes or more.

Initialization cannot be performed while the vehicle is moving.

- 2 Adjust the tire inflation pressure to the specified cold tire inflation pressure level.
(→P.683)

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

- 3 Start the engine.
- 4 Press **<** or **>** of the meter control switches on the steering wheel and select .



5 Press or of the meter control switches, select "Vehicle Settings" and then press and hold .

6 Press or of the meter control switches, select "TPWS" and then press .

7 Press or of the meter control switches, select the "Set Pressure". Then press and hold .

"Setting Tire Pressure Warning System" will be displayed on the multi-information display and the tire pressure warning light will blink 3 times.

When the message disappears, initialization is complete.

A message is displayed on the multi-information display. Also, "--" is displayed for inflation pressure of each tire on the multi-information display while the tire pressure warning system determines the position.

8 Drive straight (with occasional left and right turns) at approximately 25mph (40 km/h) or more for approximately 10 to 30 minutes.

When initialization is complete, the inflation pressure of each tire will be displayed on the multi-information display.

Even if the vehicle is not driven at approximately 25 mph (40 km/h) or more, initialization can be completed by driving for a long time. However, if initialization does not complete after driving for 1 hour or more, park the vehicle in a safe place for approximately 20 minutes and then drive the vehicle again.

■ When initializing

- Vehicles with tire inflation pressure display function only: Initialization is performed while driving at a vehicle speed of approximately 25 mph (40 km/h) or more.
- Make sure to carry out initialization after adjusting the tire inflation pressure. Also, make sure the tires are cold before carrying out initialization or tire inflation pressure adjustment.
- Vehicles with tire inflation pressure display function only: The tire pressure warning system can be initialized by yourself, but depending on the driving conditions and driving environment, initialization may take some time to complete.

■ The initialization operation

- If you have accidentally turned the engine switch to OFF during initialization, it is not necessary to restart the initialization again as initialization will restart automatically when the engine switch has been turned to ON for the next time.
- If you accidentally perform the initialization when initialization is not necessary, adjust the tire inflation pressure to the specified level when the tires are cold, and conduct initialization again.
- Vehicles with tire inflation pressure display function only: While the position of each tire is being determined and the inflation pressures are not being displayed on the multi-information display, if the inflation pressure of a tire drops, the tire pressure warning light will come on.

■ When initialization of the tire pressure warning system has failed (vehicles without tire inflation pressure display function)

Initialization can be completed in a

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

- When operating the tire pressure warning reset switch, the tire pressure warning light does not blink 3 times.
- After driving for a certain period of time since the initialization has been completed, the warning light comes on after blinking for 1 minute.
- **If the tire pressure warning system is not initialized properly (vehicles with tire inflation pressure display function)**

- In the following situations, initialization may take longer than usual to be completed or may not be possible. Normally, initialization completes within approximately 30 minutes.
 - Vehicle is not driven at approximately 25 mph (40 km/h) or more
 - Vehicle is driven on unpaved roads
 - Vehicle is driven near other vehicles and system cannot recognize tire pressure warning valve and transmitters of your vehicle over those of other vehicles.
 - If the vehicle is driven in heavy traffic or another situation where other vehicles are driven close by, it may take time for the system to recognize the tire pressure warning valve and transmitters of your vehicle over those of other vehicles.

If initialization does not complete after driving for 1 hour or more, park the vehicle in a safe place for approximately 20 minutes and then drive the vehicle again.

- If the vehicle is reversed during initialization, the data up to that

point is reset, so perform the initialization procedure again from the beginning.

- In the following situations, initialization will not be started or was not completed properly and the system will not operate properly. Perform the initialization procedure again.
 - If, when attempting to start initialization, the tire pressure warning light does not blink 3 times.
 - If, when the vehicle has been driven for about 20 minutes after performing initialization, the tire pressure warning light blinks for approximately 1 minute and then illuminates.

If the inflation pressure of each tire is still not displayed, have the vehicle inspected by your Toyota dealer.

WARNING

■ When initializing the tire pressure warning system

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

7

Maintenance and care

Registering ID codes (vehicles with tire pressure warning system)

- ▶ For models made in Japan^{*1} without tire inflation pressure display function

Every tire pressure warning valve and transmitter has a unique ID code. In addition to the set of tire pressure warning

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system sensor ID codes initially registered to the vehicle, a second set of ID codes can be registered. A second set of tire pressure warning system sensor ID codes can be registered at your Toyota dealer. When 2 sets of ID codes have been registered, either ID code set can be selected.

*1: The country of production is written on the Certification Regulation Label. (→P.677)

▶ Except for models made in Japan*2 without tire inflation pressure display function

*2: The country of production is written on the Certification Regulation Label. (→P.677)

Every tire pressure warning valve and transmitter has a unique ID code. When replacing a tire pressure warning valve and transmitter, it is necessary to register the ID code.

When registering the ID codes, perform the following procedure.

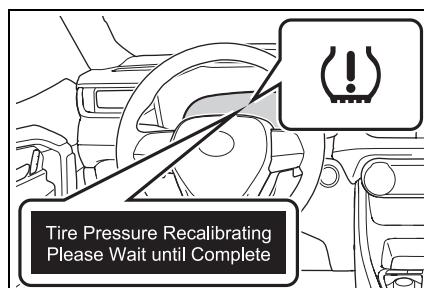
- 1 Park the vehicle in a safe place, wait for approximately 20 minutes, and then start the engine.
- 2 Press **<** or **>** of the meter control switches on the steering wheel and select **⚙**.
- 3 Press **▲** or **▼** of the meter control switches and select

“Vehicle Settings”, and then press and hold **OK**.

- 4 Press **▲** or **▼** of the meter control switches and select “TPWS”, and then press **OK**.
- 5 Press **▲** or **▼** of the meter control switches and select “Change Wheel”. Then press and hold **OK** until the tire pressure warning light starts slowly blinking 3 times.

The change wheel set mode is activated and registration is started.

Vehicles with a tire inflation pressure display function only: Then a message will be displayed on the multi-information display. When registration is being performed, the tire pressure warning light will blink for approximately 1 minute then illuminate and “--” will be displayed for the inflation pressure of each tire on the multi-information display.



- 6 Drive straight (with occasional left and right turns) at approximately 25mph (40 km/h) or more for approximately 10 to 30 minutes.

When registration is completed, the tire pressure warning light will go off and the inflation pressure of each tire will be displayed on the multi-information display.

Even if the vehicle is not driven at approximately 25 mph (40 km/h) or more, registration can be completed by driving for a long time. However, if registration does not complete after driving for 1 hour or more, perform the procedure again from the beginning.

7 Initialize the tire pressure warning system. (→P.598)

■ When registering ID codes

- ID code registration is performed while driving at a vehicle speed of approximately 25 mph (40 km/h) or more.
- Before performing ID code registration, make sure that no wheels with tire pressure warning valve and transmitters installed are near the vehicle.
- Make sure to initialize the tire pressure warning system after registering the ID codes. If the system is initialized before registering the ID codes, the initialized values will be invalid.
- ID codes can be registered by yourself, but depending on the driving conditions and driving environment, registration may take some time to complete.
- As the tires will be warm when registration is completed, make sure to allow the tires to cool before performing initialization.

■ Canceling ID code registration

- To cancel ID code registration after it has been started, turn the engine switch to OFF before driving the vehicle. If the vehicle is driven after ID code registration is started, to cancel registration, perform the ID code registration start procedure again and turn the engine switch to OFF before driving.
- If ID code registration has been canceled, the tire pressure warn-

ing light will blink for approximately 1 minute when the engine switch is turned to ON and then illuminate. The tire pressure warning system will be operational when the tire pressure warning light turns off.

- If the warning light does not turn off even after several minutes have elapsed, ID code registration may not have been canceled correctly. To cancel registration, perform the ID code registration start procedure again and then turn the engine switch to OFF before driving.

■ If ID codes are not registered properly

In the following situations, ID code registration may take longer than usual to be completed or may not be possible. Normally, registration completes within approximately 30 minutes.

If ID code registration is not complete after driving for approximately 30 minutes, continue driving for a while.

- Vehicle is not parked for approximately 20 minutes or more before driving
- Vehicle is not driven at approximately 25 mph (40 km/h) or more
- Vehicle is driven on unpaved roads
- Vehicle is driven near other vehicles and system cannot recognize tire pressure warning valve and transmitters of your vehicle over those of other vehicles
- Wheel with tire pressure warning valve and transmitter installed is inside or near the vehicle

If registration does not complete after driving for 1 hour or more, perform the ID code registration procedure again from the beginning.

- If the vehicle is reversed during registration, the data up to that point is reset, so perform the reg-

istration procedure again from the beginning.

- In the following situations, ID code registration will not be started or was not completed properly and the system will not operate properly. Perform the ID code registration procedure again.
 - If, when attempting to start ID code registration, the tire pressure warning light does not blink slowly 3 times.
 - If, when the vehicle has been driven for about 20 minutes after performing ID code registration, the tire pressure warning light blinks for approximately 1 minute and then illuminates.

If the ID codes cannot be registered even when performing the above procedure, contact your Toyota dealer.

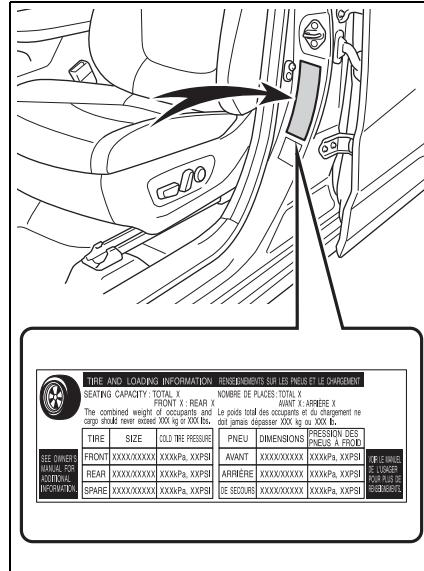
Tire inflation pressure

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.683)

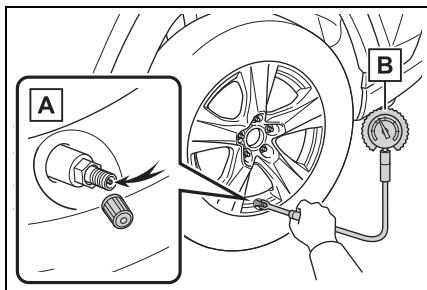
Checking the specified tire inflation pressure

The recommended cold tire inflation pressure and tire size are displayed on the tire and loading information label.

(→P.683)



Inspection and adjustment procedure



A Tire valve

B Tire pressure gauge

- 1 Remove the tire valve cap.
- 2 Press the tip of the tire pressure gauge onto the tire valve.
- 3 Read the pressure using the gauge gradations.
- 4 If the tire inflation pressure is not at the recommended level, adjust the pressure. If you add too much air, press the center of the valve to deflate.
- 5 After completing the tire inflation pressure measurement and adjustment, apply soapy water to the valve and check for leakage.
- 6 Put the tire valve cap back on.

Tire inflation pressure check interval

You should check tire inflation pressure every two weeks, or at least once a month.

Do not forget to check the spare.

Effects of incorrect tire inflation pressure

Driving with incorrect tire inflation pressure may result in the following:

- Reduced fuel economy
- Reduced driving comfort and poor handling
- Reduced tire life due to wear
- Reduced safety
- Damage to the drive train

If a tire needs frequent inflating, have it checked by your Toyota dealer.

Instructions for checking tire inflation pressure

When checking tire inflation pressure, observe the following:

- Check only when the tires are cold.
If your vehicle has been parked for at least 3 hours or has not been driven for more than 1 mile or 1.5 km, you will get an accurate cold tire inflation pressure reading.
- Always use a tire pressure gauge. It is difficult to judge if a tire is properly inflated based only on its appearance.
- It is normal for the tire inflation pressure to be higher after driving as heat is generated in the tire. Do not reduce tire inflation pressure after driving.
- Never exceed the vehicle capacity weight. Passengers and luggage weight should be placed so that the vehicle is balanced.

 **WARNING**

■ Proper inflation is critical to save tire performance

Keep your tires properly inflated. If the tires are not properly inflated, the following conditions may occur which could lead to an accident resulting in death or serious injury:

- Excessive wear
- Uneven wear
- Poor handling
- Possibility of blowouts resulting from overheated tires
- Air leaking from between tire and wheel
- Wheel deformation and/or tire damage
- Greater possibility of tire damage while driving (due to road hazards, expansion joints, sharp edges in the road, etc.)

Wheels

If a wheel is bent, cracked or heavily corroded, it should be replaced. Otherwise, the tire may separate from the wheel or cause a loss of handling control.

Wheel selection

When replacing wheels, care should be taken to ensure that they are equivalent to those removed in load capacity, diameter, rim width and inset^{*}.

Replacement wheels are available at your Toyota dealer.

^{*}: Conventionally referred to as offset.

Toyota does not recommend using the following:

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

 **NOTICE**

■ When inspecting and adjusting tire inflation pressure

Be sure to put the tire valve caps back on.

If a valve cap is not installed, dirt or moisture may get into the valve and cause an air leak, resulting in decreased tire inflation pressure.

■ When replacing wheels (vehicles with tire pressure warning system)

The wheels of your vehicle are equipped with tire pressure warning valves and transmitters that allow the tire pressure warning system to provide advance warning in the event of a loss in tire inflation pressure. Whenever wheels are replaced, tire pressure warning valves and transmitters must be installed. (→P.592, 607)

WARNING**When replacing wheels**

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

When installing the wheel nuts

- Be sure to install the wheel nuts with the tapered ends facing inward. (→P.658) Installing the nuts with the tapered ends facing outward can cause the wheel to break and eventually cause the wheel to come off while driving, which could lead to an accident resulting in death or serious injury.
- Never use oil or grease on the wheel bolts or wheel nuts. Oil and grease may cause the wheel nuts to be excessively tightened, leading to bolt or disc wheel damage. In addition, the oil or grease can cause the wheel nuts to loosen and the wheel may fall off, causing an accident and resulting in death or serious injury. Remove any oil or grease from the wheel bolts or wheel nuts.

Use of defective wheels prohibited

Do not use cracked or deformed wheels.

Doing so could cause the tire to leak air during driving, possibly causing an accident.

NOTICE**Replacing tire pressure warning valves and transmitters (vehicles with tire pressure warning system)**

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

Aluminum wheel precautions

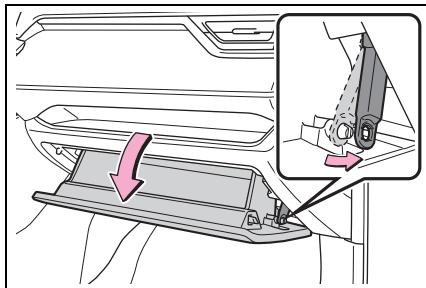
- Use only Toyota wheel nuts and wrenches designed for use with your aluminum wheels.
- When rotating, repairing or changing your tires, check that the wheel nuts are still tight after driving 1000 miles (1600 km).
- Be careful not to damage the aluminum wheels when using tire chains.
- Use only Toyota genuine balance weights or equivalent and a plastic or rubber hammer when balancing your wheels.

Air conditioning filter

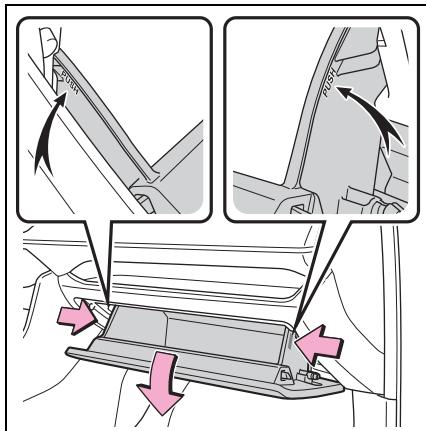
The air conditioning filter must be changed regularly to maintain air conditioning efficiency.

Removal method

- 1 Turn the engine switch to OFF.
- 2 Open the glove box and slide off the damper.

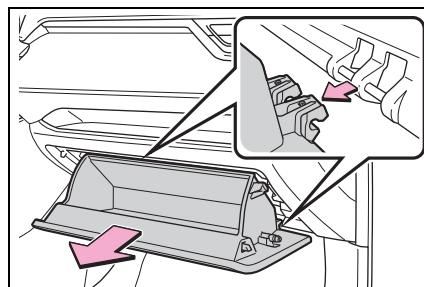


- 3 Push in each side of the glove box to disconnect the claws, and then slowly and fully open the glove box while supporting it.

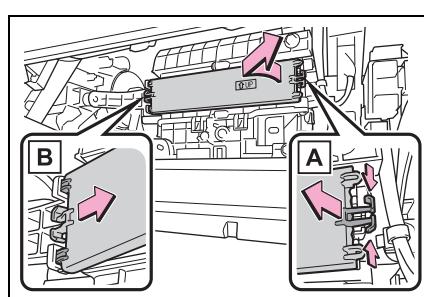


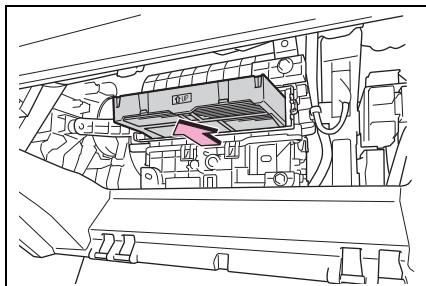
- 4 With the glove box fully open, slightly lift up the glove box and pull toward the seat to detach the bottom of the glove box.

Do not use excessive force if the glove box does not detach when lightly pulled. Instead, pull toward the seat while slightly adjusting the height of the glove box.

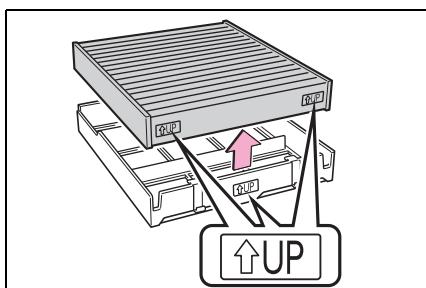


- 5 Unlock the filter cover (A), pull the filter cover out of the claws (B), and remove the filter cover.



6 Remove the filter case.**7 Remove the air conditioning filter from the filter case and replace it with a new one.**

The “ UP” marks shown on the filter should be pointing up.

**8 When installing, reverse the steps listed.****■ Checking interval**

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

■ If air flow from the vents decreases dramatically

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

NOTICE**■ When using the air conditioning system**

Make sure that a filter is always installed.

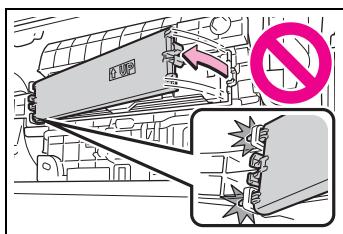
Using the air conditioning system without a filter may cause damage to the system.

■ When removing the glove box

Always follow the specified procedure to remove the glove box (→P.608). If the glove box is removed without following the specified procedure, the hinge of the glove box may become damaged.

■ To prevent damage to the filter cover

When moving the filter cover in the direction of arrow to release the fitting, pay attention not to apply excessive force to the claws. Otherwise, the claws may be damaged.



Wiper insert replacement

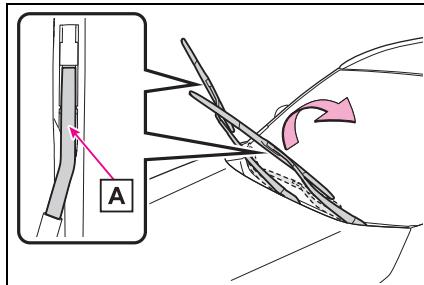
When replacing the wiper insert, perform the following procedure to operate each wiper.

Windshield wipers

■ Windshield wiper blade removal and installation

- 1 While holding the hook portion **A** of the wiper arm, first lift up the driver side, and then lift up the passenger side.

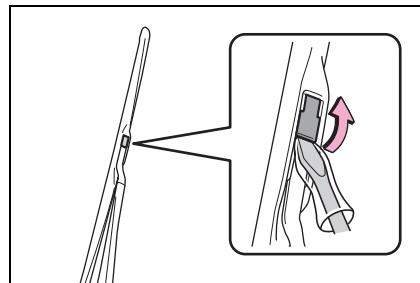
When returning the wiper arms to their original positions, first lower the passenger side, and then lower the driver side.



- 2 Lift the stopper using a flat-head screwdriver as shown in the illustration.

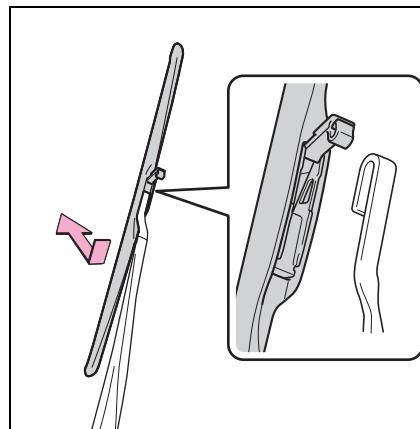
To prevent damage to the wiper arm, protect the tip of the screw-

driver with a rag.



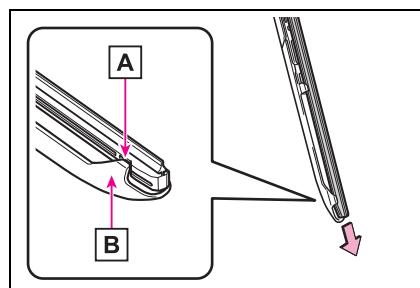
- 3 Slide the wiper blade to remove it from the wiper arm.

When installing, reverse the steps listed.



■ Wiper insert replacement

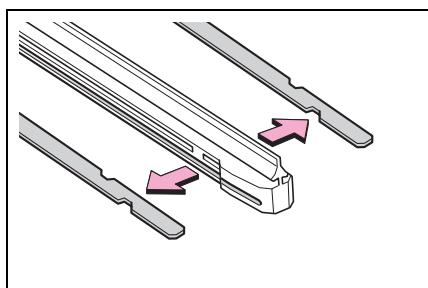
- 1 Pull the wiper insert to remove the claw of the wiper blade from the stopper, and pull out the wiper insert.



A Stopper**B** Claw

- 2** Remove the 2 metal plates from the wiper insert pulled out, and install the plates to a new wiper insert.

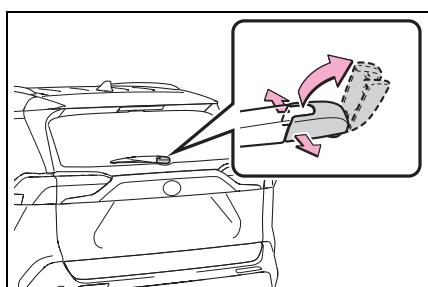
Make sure that the cutout location and warp direction of the metal blades are same as the original.



- 3** Install the wiper insert to the wiper blade from the side without the stopper.
4 Secure the stopper of the wiper insert with the claw of the wiper blade.

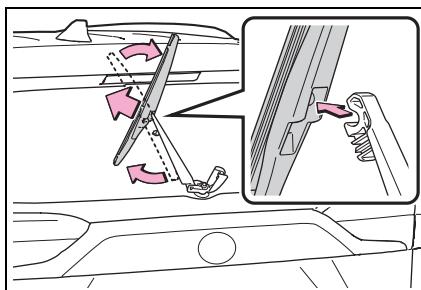
Rear window wiper

- 1** Lift up the rear window wiper arm head cap.



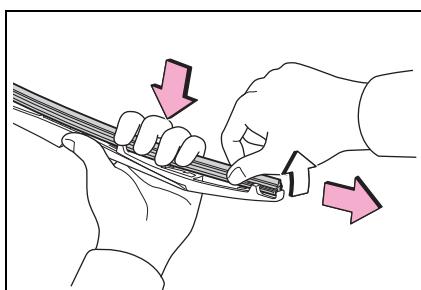
- 2** Move the wiper blade until a click sound can be heard and

the claw detaches, and then remove the wiper blade from the wiper arm.



- 3** Pull the wiper insert out past the stopper on the wiper blade, and then continue to pull until it is completely removed.

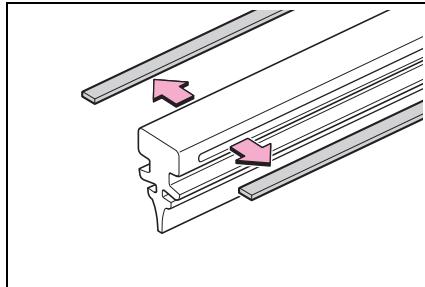
Lightly grasp between the claws of the wiper blade to allow the wiper insert to lift up, making it easier to remove.



- 4** Remove the 2 metal plates from the old wiper insert and

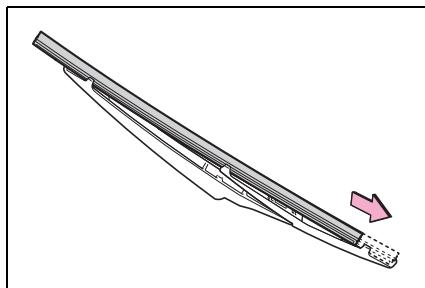
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install them to the replacement wiper insert.



- 5 Insert the wiper insert starting from the claw at the center of the wiper blade. Pass the wiper insert through the 3 claws so that it sticks out from the stopper, and then pass the wiper insert through the final remaining claw.

Applying a small amount of washer fluid to the wiper insert can make it easier to insert the claws into the grooves.

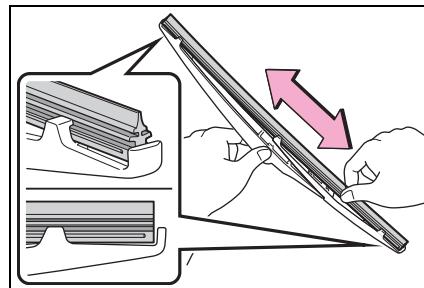


- 6 Check that the wiper blade claws are fitted in the grooves of the wiper insert.

If the wiper blade claws are not fitted in the grooves of the wiper insert, grasp the wiper insert and slide it back and forth multiple times to insert the claws into the grooves.

Lightly lift up the center of the wiper insert to make the rubber easier to

slide.



- 7 When installing a wiper blade, reverse the procedure in step 1.

After installing the wiper blade, check that the connection is locked.

■ Wiper blade and wiper insert handling

Improper handling may result in damage to the wiper blades or wiper insert. If you have any concerns about replacing the wiper blades or wiper insert yourself, contact your Toyota dealer.

NOTICE

■ When lifting the windshield wipers

- When raising the wiper arms off the windshield, lift up the driver side first, and then lift up passenger side. When returning the wipers to their original position, return the passenger side first.
- Do not lift a windshield wiper by the wiper blade. Otherwise, the wiper blade may be deformed.
- Do not operate the wiper lever when the windshield wipers are lifted. Otherwise, the windshield wipers may contact the hood, possibly resulting in damage to the windshield wipers and/or hood.

NOTICE**To prevent damage**

- Be careful not to damage the claws when replacing the wiper insert.
- After the wiper blade is removed from the wiper arm, place a cloth, etc., between the rear window and wiper arm to prevent damage to the rear window.
- Be sure not to pull excessively on the wiper insert or deform its metal plates.

Wireless remote control/electronic key battery

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

If the key battery is depleted

The following symptoms may occur:

- The smart key system (if equipped) and wireless remote control will not function properly.
- The operational range will be reduced.

Items to prepare

Prepare the following before replacing the battery:

- Flathead screwdriver
- Small flathead screwdriver
- Lithium battery CR2032

7

Maintenance and care

Use a CR2032 lithium battery

- Batteries can be purchased at your Toyota dealer, local electrical appliance shops or camera stores.
- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to the local laws.

Replacing the battery

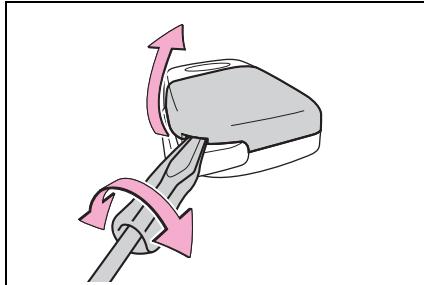
- ▶ Vehicles without smart key system

1 Remove the cover.

Use a screwdriver of an appropriate size. Forcibly prying may cause the cover damaged.

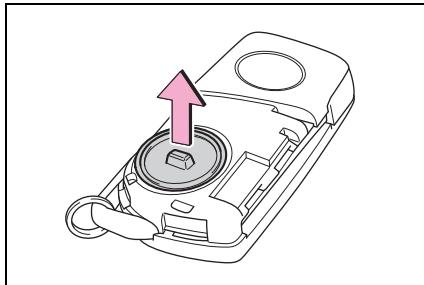
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To prevent damage to the key, cover the tip of the screwdriver with a rag.



2 Remove the battery cover.

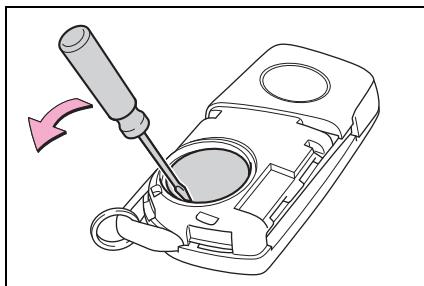
If the battery cover is difficult to remove, lift the edge to remove it.



3 Remove the depleted battery.

When removing the battery, use a screwdriver of an appropriate size.

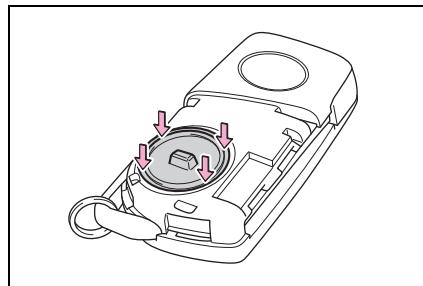
Insert a new battery with the "+" terminal facing up.



4 Install the battery cover with the tab facing up.

Push the entire edge of the battery

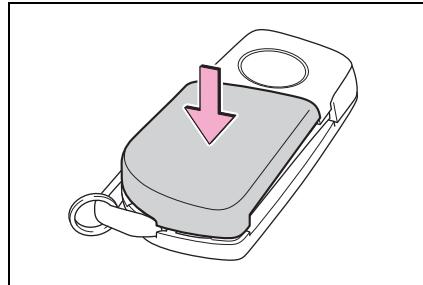
cover into the key.



5 Install the key cover.

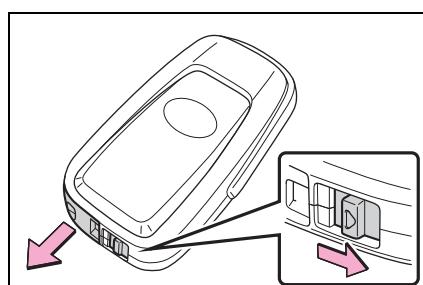
Align the key cover with the key and then press it straight into the key.

Make sure that the key cover is securely installed without any gaps between it and the key.



► Vehicles with smart key system

1 Release the lock and remove the mechanical key.

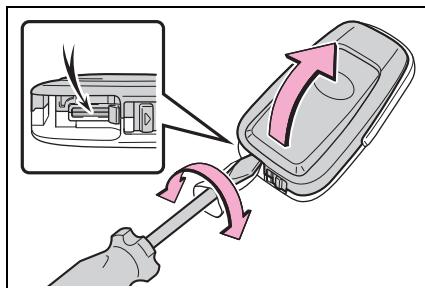


2 Remove the key cover.

Use a screwdriver of an appropriate size. Forcedly prying may cause

the cover damaged.

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

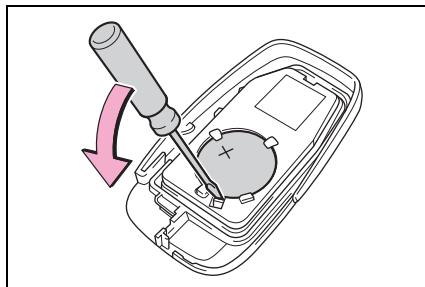


3 Remove the depleted battery using a small flathead screwdriver.

When removing the cover, the electronic key module may stick to the cover and the battery may not be visible. In this case, remove the electronic key module in order to remove the battery.

When removing the battery, use a screwdriver of an appropriate size.

Insert a new battery with the "+" terminal facing up.



4 When installing, reverse the steps listed.

WARNING

■ Battery precautions

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

- Do not swallow the battery. Doing so may cause chemical burns.
- A coin battery or button battery is used in the electronic key. If a battery is swallowed, it may cause severe chemical burns in as little as 2 hours and may result in death or serious injury.
- Keep away new and removed batteries from children.
- If the cover cannot be firmly closed, stop using the electronic key and stow the key in the place where children cannot reach, and then contact your Toyota dealer.
- If you accidentally swallow a battery or put a battery into a part of your body, get emergency medical attention immediately.
- **To prevent battery explosion or leakage of flammable liquid or gas**
- Replace the battery with a new battery of the same type. If a wrong type of battery is used, it may explode.
- Do not expose batteries to extremely low pressure due to high altitude or extremely high temperatures.
- Do not burn, break or cut a battery.

 NOTICE

■ For normal operation after replacing the battery

Observe the following precautions to prevent accidents:

- Always work with dry hands. Moisture may cause the battery to rust.
- Do not touch or move any other component inside the remote control.
- Do not bend either of the battery terminals.

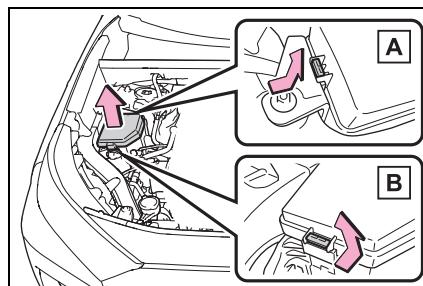
Checking and replacing fuses

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

Checking and replacing fuses

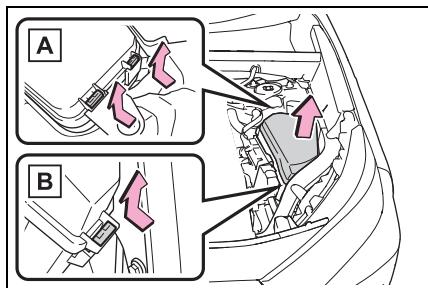
- 1 Turn the engine switch to OFF.
 - 2 Open the fuse box cover.
- Engine compartment: Type A fuse box (if equipped)

Push claw **A** and **B** to completely release the lock, and then lift up the cover.

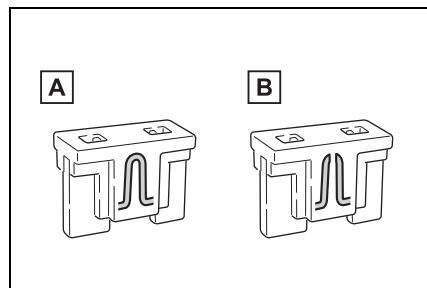


- Engine compartment: Type B fuse box

Push claw **A** and **B** to completely release the lock, and then lift up the cover.

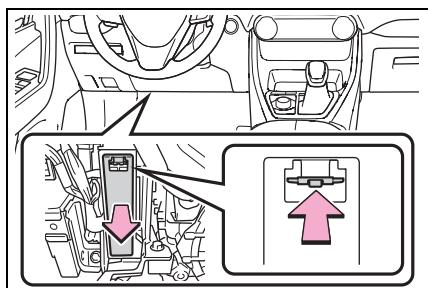


► Type A

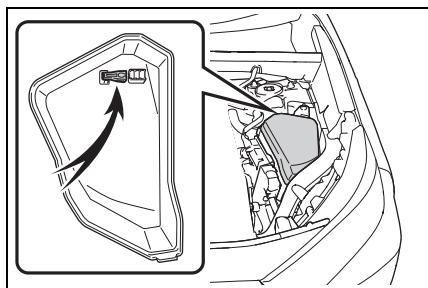


► Left side instrument panel

Remove the lid.

**3 Remove the fuse.**

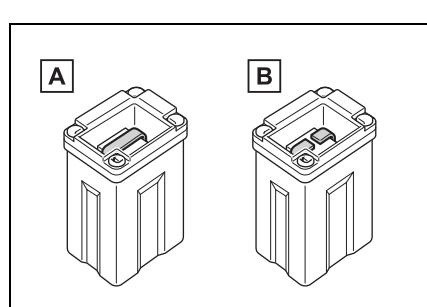
Only type A fuse can be removed using the pullout tool.

**4 Check if the fuse is blown.**

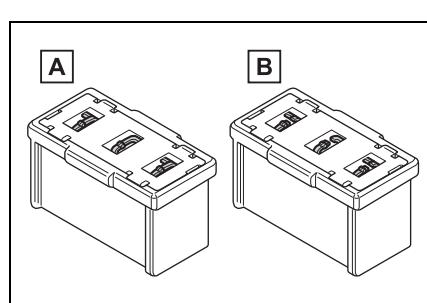
Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

► Type B

► Type C



► Type C



► Type C

► Type C

■ After a fuse is replaced

- When installing the lid, make sure that the tab is installed securely.
- If the lights do not turn on even after the fuse has been replaced, a bulb may need replacement.
(→P.619)
- If the replaced fuse blows again, have the vehicle inspected by your Toyota dealer.

■ If there is an overload in a circuit

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

■ To prevent damage to the engine compartment fuse box cover

When opening the fuse box, completely release the claw locks before lifting up the cover. Otherwise, the claws may be damaged.

⚠ WARNING**■ To prevent system breakdowns and vehicle fire**

Observe the following precautions.

Failure to do so may cause damage to the vehicle, and possibly a fire or injury.

- Never use a fuse of a higher amperage rating than that indicated, or use any other object in place of a fuse.
- Always use a genuine Toyota fuse or equivalent.
Never replace a fuse with a wire, even as a temporary fix.
- Do not modify the fuses or fuse boxes.

⚠ NOTICE**■ Before replacing fuses**

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

Light bulbs

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

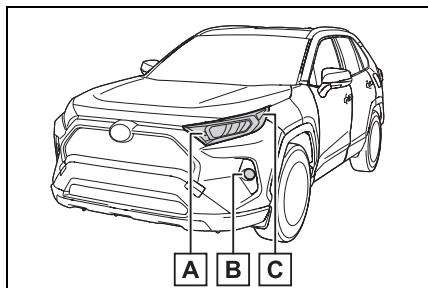
For more information about replacing other light bulbs, contact your Toyota dealer.

Preparing for light bulb replacement

Check the wattage of the light bulb to be replaced. (→P.687)

Bulb location

► Front (type A)

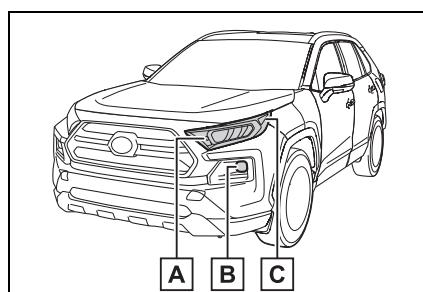


A Front turn signal/parking lights

B Fog lights (if equipped)

C Front side marker lights

► Front (type B)

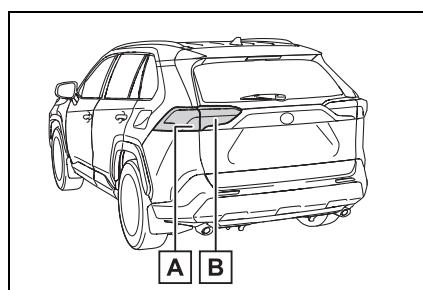


A Front turn signal/parking lights

B Fog lights

C Front side marker lights

► Rear



A Rear turn signal lights

B Back-up lights

■ Lights that need to be replaced by your Toyota dealer

- Headlights
- Daytime running lights
- Side turn signal lights (if equipped)
- Tail lights
- Stop lights
- Rear side marker lights

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- High mounted stoplight
- License plate lights
- Outer foot lights (if equipped)

■ LED lights

The lights other than the following lights each consist of a number of LEDs. If any of the LEDs burn out, take your vehicle to your Toyota dealer to have the light replaced.

- Front turn signal lights
- Parking lights
- Front side marker lights
- Fog lights (if equipped)
- Rear turn signal lights
- Back-up lights

■ Condensation build-up on the inside of the lens

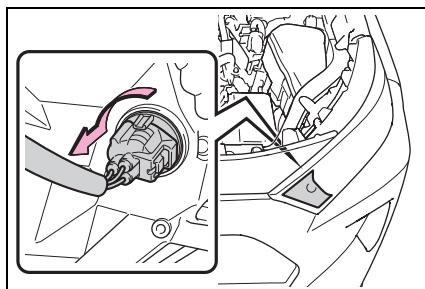
Temporary condensation build-up on the inside of the light lens does not indicate a malfunction. Contact your Toyota dealer for more information in the following situations:

- Large drops of water have built up on the inside of the lens.
- Water has built up inside the light.

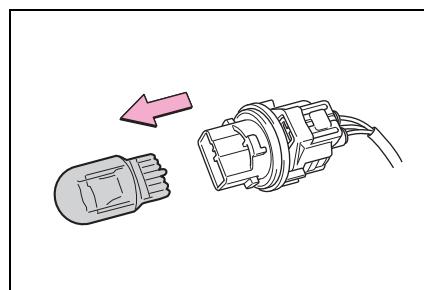
Replacing light bulb

■ Front turn signal/parking lights

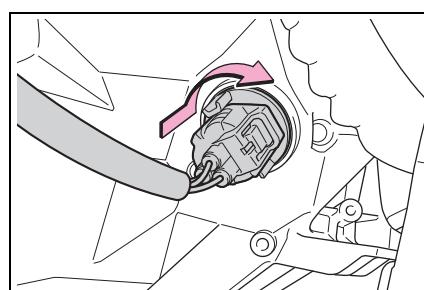
- 1 Turn the bulb base counter-clockwise.



- 2 Remove the light bulb.

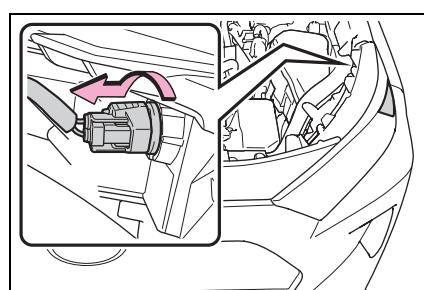


- 3 Install a new light bulb then install the bulb base to the light unit by inserting it and turning the bulb base clockwise.

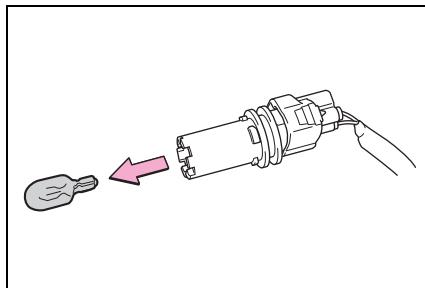


■ Front side marker lights

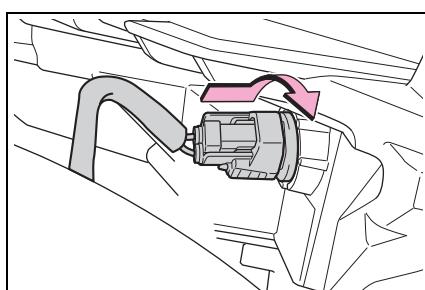
- 1 Turn the bulb base counter-clockwise.



2 Remove the light bulb.

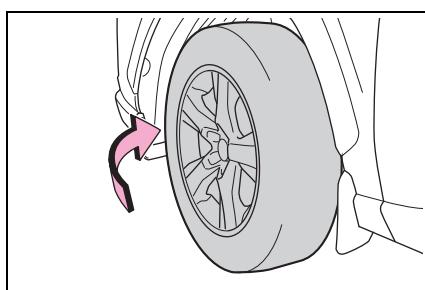


3 Install a new light bulb then install the bulb base to the light unit by inserting it and turning the bulb base clockwise.

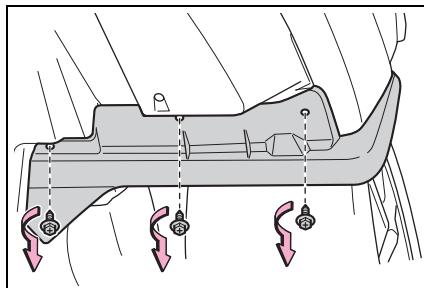


■ Fog lights (if equipped)

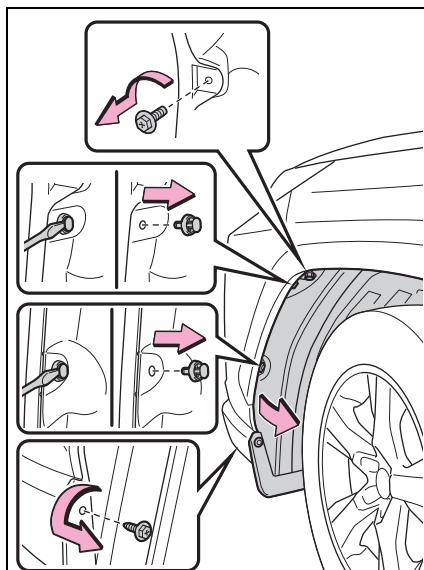
1 To allow enough working space, turn the steering wheel.



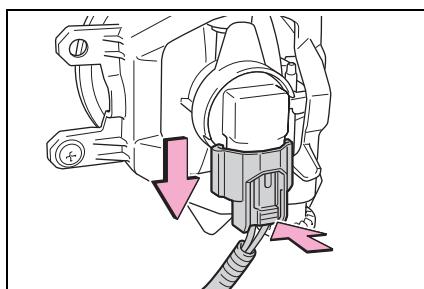
2 Remove the screws.



3 Remove the screws and clips, partly remove the fender liner.

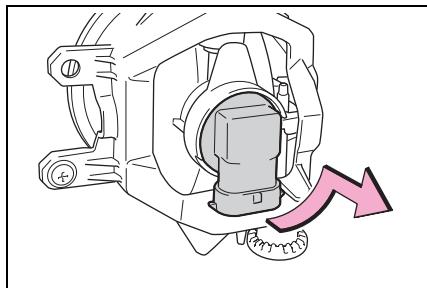


4 Unplug the connector



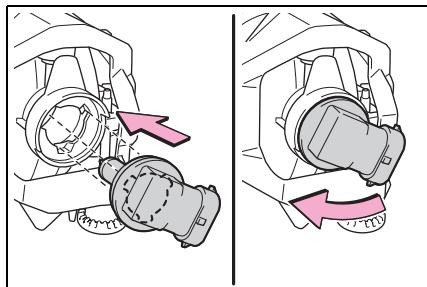
622 7-3. Do-it-yourself maintenance

- 5 Turn the bulb base counter-clockwise.



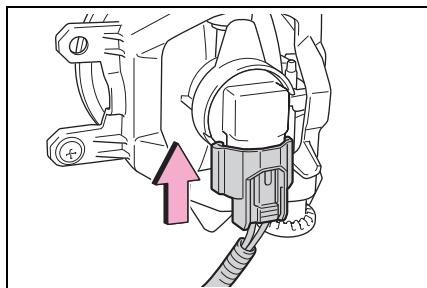
- 6 Set the new light bulb.

Align the 3 tabs on the light bulb with the mounting, and insert. Turn it clockwise to set.

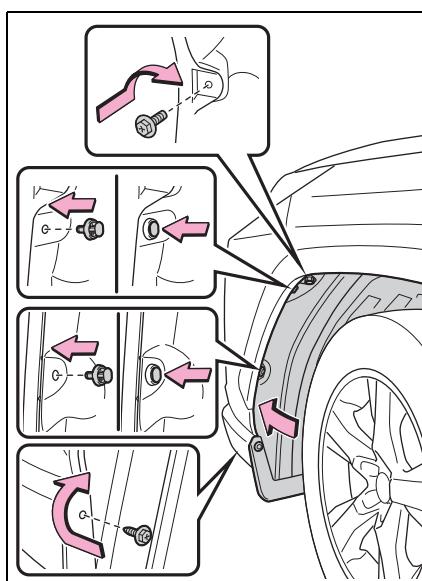


- 7 Set the connector.

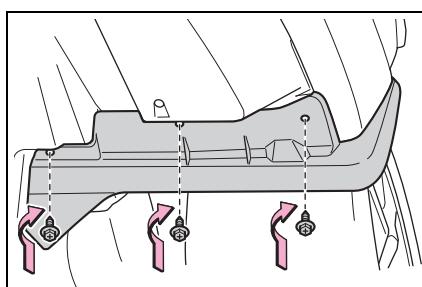
Shake the bulb base gently to check that it is not loose, turn the front fog lights on once and visually confirm that no light is leaking through the mounting.



- 8 Reinstall the fender liner.

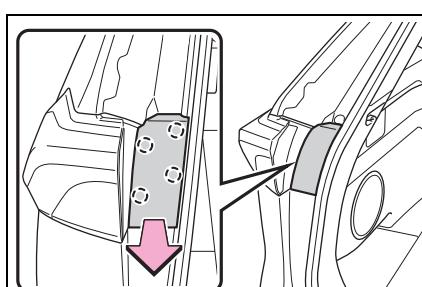


- 9 Reinstall the screws.



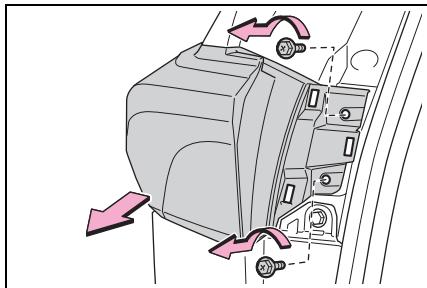
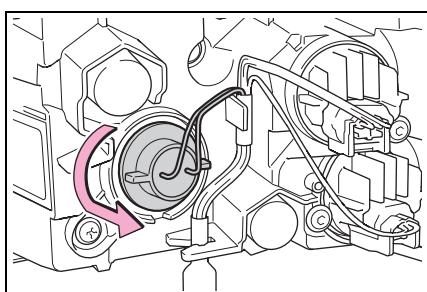
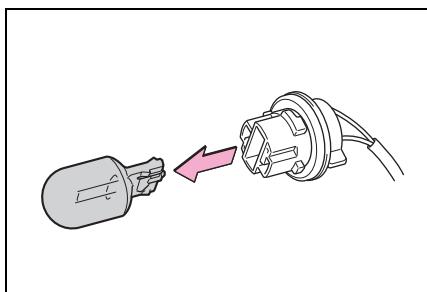
■ Rear turn signal lights

- 1 Open the back door and remove the cover.

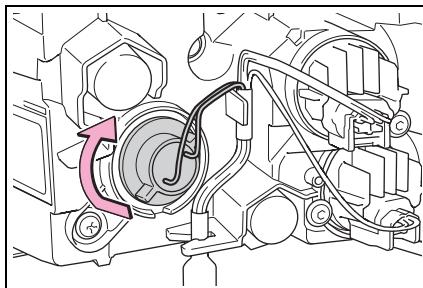


2 Remove the screws and remove the unit.

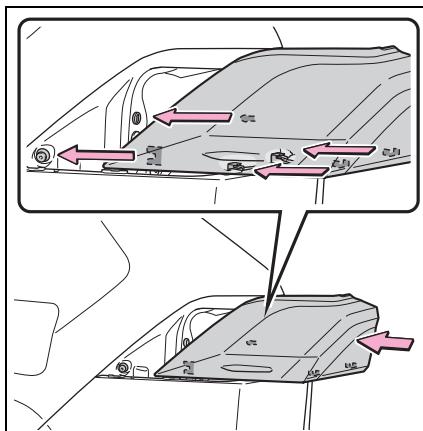
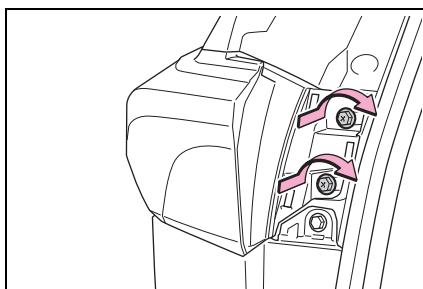
Remove the lamp assembly by pulling it directly backward from the rear of the vehicle.

**3** Turn the bulb base counter-clockwise.**4** Remove the light bulb.**5** Install a new light bulb then install the bulb base to the light unit by inserting it and

turning the bulb base clockwise.

**6** Align the grooves on the light unit with the claws, and insert the light unit straight so that the pin on the light unit fit into the hole.

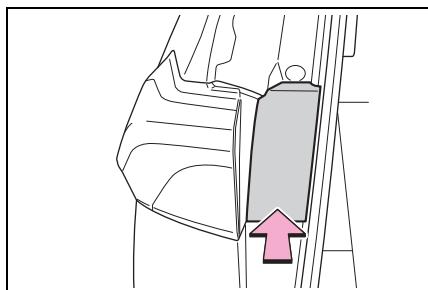
Confirm that the light unit is completely secured.

**7** Reinstall the screws.

624 7-3. Do-it-yourself maintenance

8 Reinstall the cover.

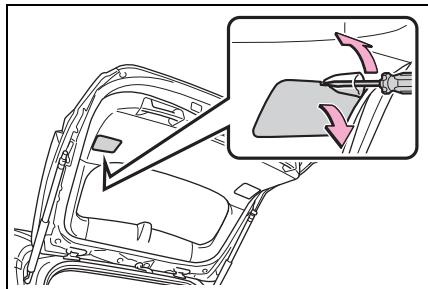
before turning the bulb base.



■ Back-up lights

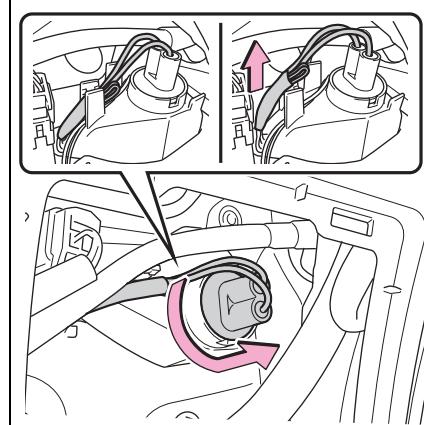
- 1 Open the back door and remove the cover.

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

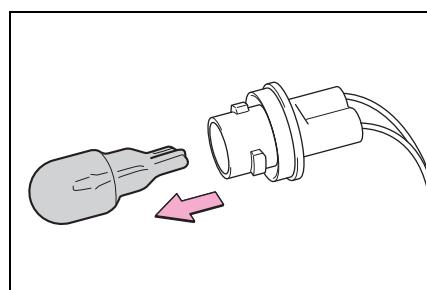


- 2 Turn the bulb base counter-clockwise.

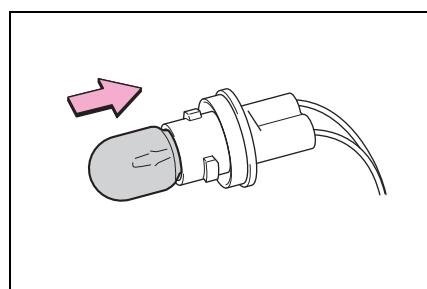
Remove the cord from the clip



- 3 Remove the light bulb.



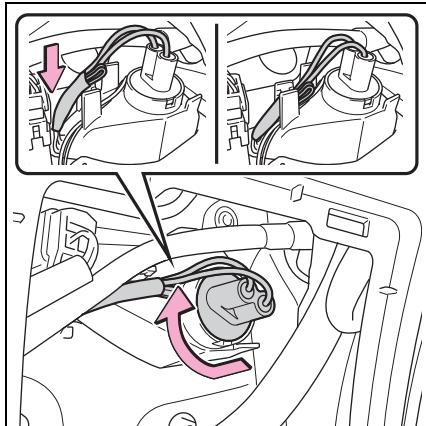
- 4 Install a new light bulb.



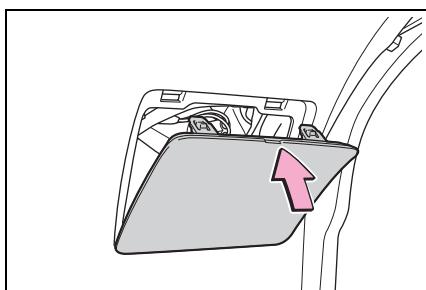
- 5 Install the bulb base to the light unit by inserting it and turning the bulb base clockwise.

Secure the cord with the clip back

again after installing the bulb base.



6 Reinstall the cover.



- Fully install light bulb and any parts used to secure it. Failure to do so may result in heat damage, fire, or water entering the light unit. This may damage the light or cause condensation to build up on the lens.

- Do not attempt to repair or disassemble light bulbs, connectors, electric circuits or component parts. Doing so may result in death or serious injury due to electric shock.

To prevent damage or fire

- Make sure bulb is fully seated and locked.
- Check the wattage of the bulb before installing to prevent heat damage.

WARNING

Replacing light bulb

- Turn off the light. Do not attempt to replace the bulb immediately after turning off the light. The bulb become very hot and may cause burns.
- Do not touch the glass portion of the light bulb with bare hands. When it is unavoidable to hold the glass portion, use and hold with a clean dry cloth to avoid getting moisture and oils on the bulb. Also, if the bulb is scratched or dropped, it may blow out or crack.

When trouble arises

8-1. Essential information

Emergency flashers **628**

If your vehicle has to be stopped in an emergency **628**

If the vehicle is trapped in rising water..... **629**

If the vehicle becomes stuck

672

8-2. Steps to take in an emergency

If your vehicle needs to be towed..... **631**

If you think something is wrong **636**

Fuel pump shut off system **637**

If a warning light turns on or a warning buzzer sounds **638**

If a warning message is displayed..... **649**

If you have a flat tire.... **653**

If the engine will not start **662**

If you lose your keys ... **664**

If the electronic key does not operate properly (vehicles with smart key system)..... **664**

If the vehicle battery is discharged **666**

If your vehicle overheats **670**

Emergency flashers

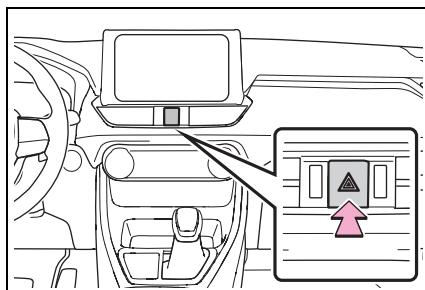
The emergency flashers are used to warn other drivers when the vehicle has to be stopped in the road due to a breakdown, etc.

Operating instructions

Press the switch.

All the turn signal lights will flash.

To turn them off, press the switch once again.



■ Emergency flashers

- If the emergency flashers are used for a long time while the engine is not running, the battery may discharge.
- If any of the SRS airbags deploy (inflate) or in the event of a strong rear impact, the emergency flashers will turn on automatically. The emergency flashers will turn off automatically after operating for approximately 20 minutes. To manually turn the emergency flashers off, press the switch twice. (The emergency flashers may not turn on automatically depending on the force of the impact and conditions of the collision.)

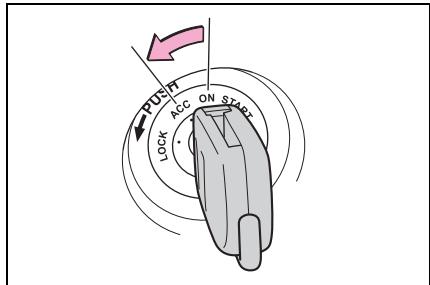
If your vehicle has to be stopped in an emergency

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:

Stopping the vehicle

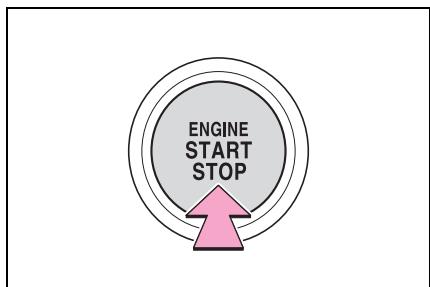
- 1 Steadily step on the brake pedal with both feet and firmly depress it.
Do not pump the brake pedal repeatedly as this will increase the effort required to slow the vehicle.
- 2 Shift the shift lever to N.
- ▶ If the shift lever is shifted to N
- 3 After slowing down, stop the vehicle in a safe place by the road.
- 4 Stop the engine.
▶ If the shift lever cannot be shifted to N
- 3 Keep depressing the brake pedal with both feet to reduce vehicle speed as much as possible.
- 4 Perform the following procedure to stop the engine:
▶ Vehicles without smart key system

Turn the engine switch to ACC.



► Vehicles with smart key system

Press and hold the engine switch for 2 consecutive seconds or more, or press it briefly 3 times or more in succession.



5 Stop the vehicle in a safe place by the road.

⚠ WARNING

■ If the engine has to be turned off while driving

- Power assist for the brakes and steering wheel will be lost, making the brake pedal harder to depress and the steering wheel heavier to turn. Decelerate as much as possible before turning off the engine.
- Vehicles without smart key system: Never attempt to remove the key, as doing so will lock the steering wheel.

If the vehicle is trapped in rising water

In the event the vehicle is submerged in water, remain calm and perform the following.

- Remove the seat belt first.
- If the door can be opened, open the door and exit the vehicle.
- If the door can not be opened, open the window using the power window switch and exit the vehicle through the window.
- If the window can not be opened using the power window switch, remain calm, wait until the water level inside the vehicle rises to the point that the water pressure inside of the vehicle equals the water pressure outside of the vehicle, and then open the door and exit the vehicle.

⚠ WARNING**■ Using an emergency hammer^{*} for emergency escape**

The front side windows and rear side windows, as well as the rear window can be shattered with an emergency hammer^{*} used for emergency escape. However, an emergency hammer can not shatter the windshield as it is laminated glass.

^{*}: Contact your Toyota dealer, or aftermarket accessory manufacturer for further information about an emergency hammer.

■ Escaping the vehicle from the window

There are cases where escaping the vehicle from the window is not possible due to seating position, passenger body type, etc.

When using an emergency hammer, consider your seat location and the size of the window opening to ensure that the opening is accessible and large enough to escape.

If your vehicle needs to be towed

If towing is necessary, we recommend having your vehicle towed by your Toyota dealer or commercial towing service, using a wheel-lift type truck or flatbed truck.

Use a safety chain system for all towing, and abide by all state/provincial and local laws.

2WD models: If towing your vehicle with a wheel-lift type truck from the front, the vehicle's rear wheels and axles must be in good conditions. (→P.631, 633)

If they are damaged, use a towing dolly or flatbed truck.

AWD models: If towing your vehicle with a wheel-lift type truck, use a towing dolly. (→P.631, 633)

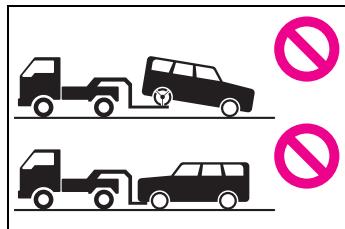
WARNING

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

When towing the vehicle

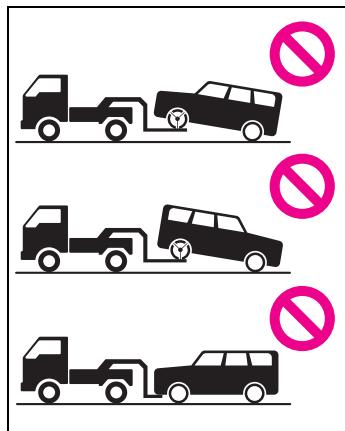
► 2WD models

Be sure to transport the vehicle with the front wheels raised or with all four wheels raised off the ground. If the vehicle is towed with the front wheels contacting the ground, the drivetrain and related parts may be damaged.



► AWD models

Be sure to transport the vehicle with all four wheels raised off the ground. If the vehicle is towed with the tires contacting the ground, the drivetrain or related parts may be damaged, the vehicle may fly off the truck.



⚠ WARNING

■ **While towing (vehicles with towing eyelet)**

- When towing using cables or chains, avoid sudden starts, etc. which place excessive stress on the towing eyelets, cables or chains. The towing eyelets, cables or chains may become damaged, broken debris may hit people, and cause serious damage.
- Do not turn the engine switch to OFF. There is a possibility that the steering wheel is locked and cannot be operated.

■ **Installing towing eyelets to the vehicle (vehicles with towing eyelets)**

Make sure that towing eyelets are installed securely. If not securely installed, towing eyelets may come loose during towing.

■ **To prevent damage to the vehicle when towing with a sling-type truck**

Do not tow with a sling-type truck, either from the front or rear.

■ **To prevent damage to the vehicle during emergency towing (vehicles with towing eyelet)**

Do not secure cables or chains to the suspension components.

■ **When towing the vehicle (vehicles with Stop & Start system)**

If it is necessary to tow the vehicle with all four wheels on the ground, perform the following procedure before towing the vehicle, in order to protect the system.

Turn the engine switch to OFF and then start the engine or turn the engine switch to ON.

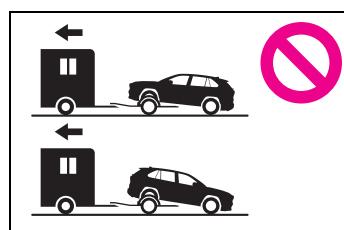
■ **Recreational towing (behind motor home, etc.)**

Never dinghy tow your vehicle to prevent causing serious damage to the AWD system (AWD models) and transmission. (→P.193)

⚠ NOTICE

■ **To prevent damage to the vehicle when towing using a wheel-lift type truck**

- Do not tow the vehicle from the rear when the engine switch is off or the key is removed (vehicles without smart key system). The steering lock mechanism is not strong enough to hold the front wheels straight.
- When raising the vehicle, ensure adequate ground clearance for towing at the opposite end of the raised vehicle. Without adequate clearance, the vehicle could be damaged while being towed.



Situations when it is necessary to contact dealers before towing

The following may indicate a problem with your transmission. Contact your Toyota dealer or commercial towing service

before towing.

- The engine is running but the vehicle does not move.
- The vehicle makes an abnormal sound.

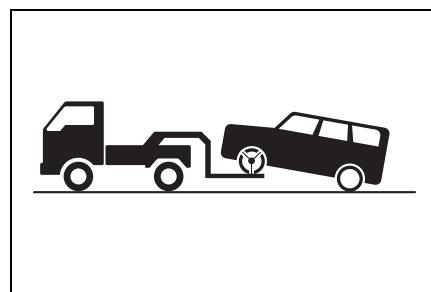
Towing with a wheel-lift type truck

- ▶ From the front (2WD models)

Release the parking brake.

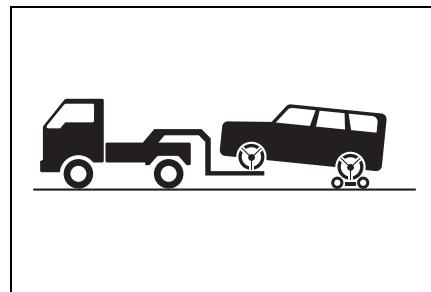
Turn automatic mode off.

(→P.206)



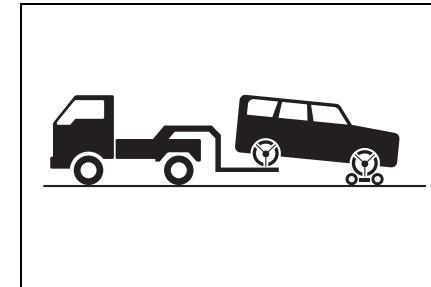
- ▶ From the front (AWD models)

Use a towing dolly under the rear wheels.



- ▶ From the rear

Use a towing dolly under the front wheels.

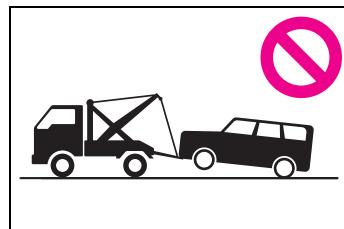


NOTICE

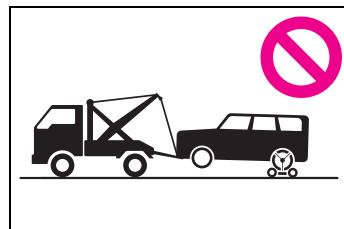
■ Towing with a sling-type truck

Do not tow with a sling-type truck to prevent body damage.

- ▶ 2WD models



- ▶ AWD models



Using a flatbed truck

When using a flat-bed truck to transport the vehicle, use tire strapping belts. Refer to the owner's manual of the flat-bed truck for the tire strapping method.

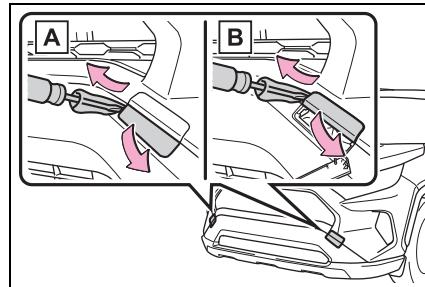
In order to suppress vehicle movement during transporta-

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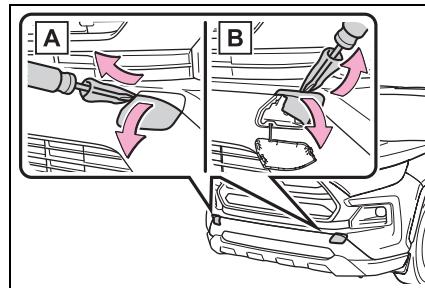
tion, set the parking brake and turn the engine switch to OFF.

the vehicle body as shown in the illustration.

► Type A

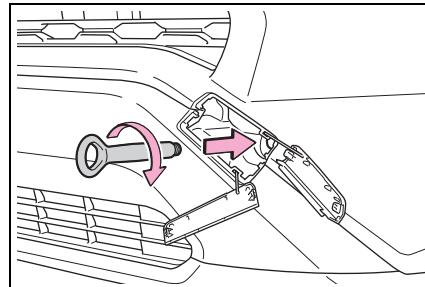


► Type B



3 Insert the towing eyelet into the hole and tighten partially by hand.

► Type A

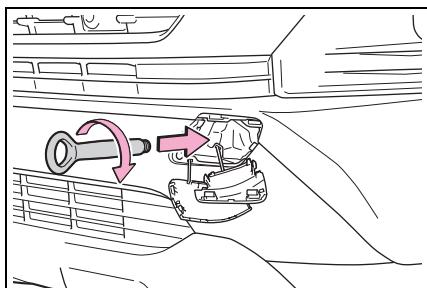


To have your vehicle towed by another vehicle, the towing eyelet must be installed to your vehicle. Install the towing eyelet using the following procedure.

- 1** Take out the wheel nut wrench and towing eyelet. (→P.654)
- 2** Using a flathead screwdriver, remove eyelet cover (A), and then remove eyelet cover (B).

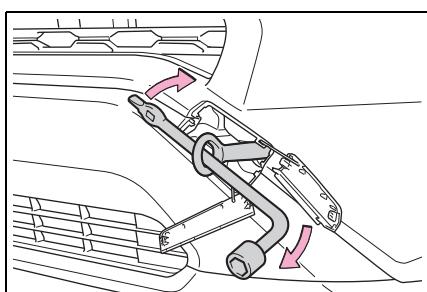
To protect the bodywork, place a rag between the screwdriver and

► Type B

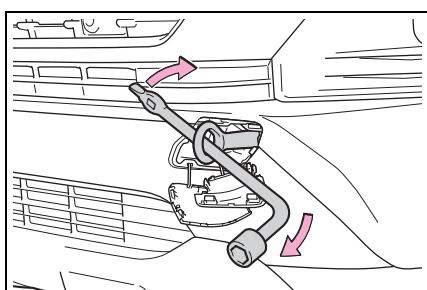


- 4** Tighten down the towing eyelet securely using a wheel nut wrench or hard metal bar.

► Type A



► Type B



- 5** Securely attach cables or chains to the towing eyelet.

Take care not to damage the vehicle body.

- 6** Enter the vehicle being towed and start the engine.

Turn off the Parking Support Brake

function (if equipped): →P.286

If the engine does not start, turn the engine switch to ON.

Vehicles with Stop & Start system:
Before towing the vehicle, turn the engine switch to OFF once, and then start the engine.

- 7** Shift the shift lever to N and release the parking brake.

Turn automatic mode off. (→P.206)

When the shift lever cannot be shifted: →P.202

■ While towing

If the engine is not running, the power assist for the brakes and steering will not function, making steering and braking more difficult.

■ Wheel nut wrench

Wheel nut wrench is installed in the tool bag. (→P.654)

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If you think something is wrong

If you notice any of the following symptoms, your vehicle probably needs adjustment or repair. Contact your Toyota dealer as soon as possible.

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

Visible symptoms

- Fluid leaks under the vehicle (Water dripping from the air conditioning after use is normal.)
- Flat-looking tires or uneven tire wear
- Engine coolant temperature gauge needle continually points higher than normal.

Audible symptoms

- Changes in exhaust sound
- Excessive tire squeal when cornering
- Strange noises related to the suspension system
- Pinging or other noises related to the engine

Operational symptoms

- Engine missing, stumbling or running roughly
- Appreciable loss of power
- Vehicle pulls heavily to one

Fuel pump shut off system

To minimize the risk of fuel leakage when the engine stalls or when an airbag inflates upon collision, the fuel pump shut off system stops the supply of fuel to the engine.

Restarting the engine

Follow the procedure below to restart the engine after the system is activated.

- 1 Turn the engine switch to ACC or off.
- 2 Restart the engine.



NOTICE

■ Before starting the engine

Inspect the ground under the vehicle.

If you find that fuel has leaked onto the ground, the fuel system has been damaged and is in need of repair. Do not restart the engine.

If a warning light turns on or a warning buzzer sounds

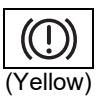
Calmly perform the following actions if any of the warning lights comes on or flashes. If a light comes on or flashes, but then goes off, this does not necessarily indicate a malfunction in the system. However, if this continues to occur, have the vehicle inspected by your Toyota dealer.

Actions to the warning lights or warning buzzers

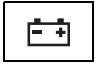
■ Brake system warning light (warning buzzer)

Warning light	Details/Actions
 (U.S.A.)  (Canada) (Red)	Indicates that: <ul style="list-style-type: none"> ● The brake fluid level is low; or ● The brake system is malfunctioning → Immediately stop the vehicle in a safe place and contact your Toyota dealer. Continuing to drive the vehicle may be dangerous.

■ Brake system warning light

Warning light	Details/Actions
 (Yellow)	Indicates a malfunction in the parking brake system → Have the vehicle inspected by your Toyota dealer immediately.

■ Charging system warning light*

Warning light	Details/Actions
	Indicates a malfunction in the vehicle's charging system → Immediately stop the vehicle in a safe place and contact your Toyota dealer.

*: This light illuminates on the multi-information display (with 7-inch display only).

■ High coolant temperature warning light* (warning buzzer)

Warning light	Details/Actions
	Indicates that the engine is overheating → Immediately stop the vehicle in a safe place. Handling method (→P.670)

*: This light illuminates on the multi-information display with a message.

■ Low engine oil pressure warning light* (warning buzzer)

Warning light	Details/Actions
	Indicates that the engine oil pressure is too low → Immediately stop the vehicle in a safe place and contact your Toyota dealer.

*: This light illuminates on the multi-information display with a message.

■ Malfunction indicator lamp*

Warning light	Details/Actions
 	Indicates a malfunction in: ● The electronic engine control system; ● The electronic throttle control system; or ● The emission control system (if equipped) → Have the vehicle inspected by your Toyota dealer immediately.

*: This light illuminates on the multi-information display (with 7-inch display only).

■ SRS warning light

Warning light	Details/Actions
	Indicates a malfunction in: ● The SRS airbag system; ● The front passenger occupant classification system; or ● The seat belt pretensioner system → Have the vehicle inspected by your Toyota dealer immediately.

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■ ABS warning light

Warning light	Details/Actions
 (U.S.A.)	Indicates a malfunction in: ● The ABS; or ● The brake assist system → Have the vehicle inspected by your Toyota dealer immediately.
 (Canada)	

■ Electric power steering system warning light* (warning buzzer)

Warning light	Details/Actions
 (Red/yellow)	Indicates a malfunction in the EPS (Electric Power Steering) system → Have the vehicle inspected by your Toyota dealer immediately.

*: This light illuminates on the multi-information display (with 7-inch display only).

■ PCS warning light (warning buzzer)

Warning light	Details/Actions
 (Flashes or illuminates)	When a buzzer sounds simultaneously: Indicates a malfunction has occurred in the PCS (Pre-Collision System). → Have the vehicle inspected by your Toyota dealer immediately. When a buzzer does not sound: The PCS (Pre-Collision System) has become temporarily unavailable, corrective action may be necessary. → Follow the instructions displayed on the multi-information display. (→P.230, 651) If the PCS (Pre-Collision System) or VSC (Vehicle Stability Control) system is disabled, the PCS warning light will illuminate. → P.239

■ LTA indicator* (warning buzzer)

Warning light	Details/Actions
 (Orange)	Indicates a malfunction in the LTA (Lane Tracing Assist) → Follow the instructions displayed on the multi-information display. (→P.249)

*: This light illuminates on the multi-information display.

■ Stop & Start cancel indicator*

Warning light	Details/Actions
 (Flashes) (If equipped)	Indicates a malfunction in the Stop & Start system → Have the vehicle inspected by your Toyota dealer immediately.

*: This light illuminates on the multi-information display (with 7-inch display only).

■ Intuitive parking assist OFF indicator* (warning buzzer)

Warning light	Details/Actions
 (Flashes) (If equipped)	When a buzzer sounds: Indicates a malfunction in the Intuitive parking assist function → Have the vehicle inspected by your Toyota dealer immediately. When a buzzer does not sound: Indicates that the system is temporarily unavailable, possibly due to a sensor being dirty or covered with ice, etc. → Follow the instructions displayed on the multi-information display. (→P.276, 649)

*: This light illuminates on the multi-information display.

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■ PKSB OFF indicator* (warning buzzer)

Warning light	Details/Actions
 (Flashes) (If equipped)	<p>When a buzzer sounds: Indicates a malfunction in the PKSB (Parking Support Brake) system</p> <p>→ Have the vehicle inspected by your Toyota dealer immediately.</p> <p>When a buzzer does not sound: Indicates that the system is temporarily unavailable, possibly due to a sensor being dirty or covered with ice, etc.</p> <p>→ Follow the instructions displayed on the multi-information display. (→P.284, 649)</p>

* : This light illuminates on the multi-information display (with 7-inch display only).

■ RCTA OFF indicator* (warning buzzer)

Warning light	Details/Actions
 (Flashes) (If equipped)	<p>When a buzzer sounds: Indicates a malfunction in the RCTA (Rear Cross Traffic Alert) function</p> <p>→ Have the vehicle inspected by your Toyota dealer immediately.</p> <p>When a buzzer does not sound: Indicates that the rear bumper around the radar sensor is covered with dirt, etc. (→P.267)</p> <p>→ Follow the instructions displayed on the multi-information display. (→P.266, 649)</p>

* : This light illuminates on the multi-information display (with 7-inch display only).

■ Slip indicator light

Warning light	Details/Actions
	<p>Indicates a malfunction in:</p> <ul style="list-style-type: none"> ● Multi-terrain Select brake control (if equipped); ● The VSC/Trailer Sway Control system; ● The TRAC system; ● The hill-start assist control system; or ● The downhill assist control system (if equipped) <p>→ Have the vehicle inspected by your Toyota dealer immediately.</p>

■ Brake Override System/Drive-Start Control/PKS^B (if equipped) warning light* (warning buzzer)

Warning light	Details/Actions
	<p>When a buzzer sounds:</p> <ul style="list-style-type: none"> ● Brake Override System is malfunctioning; ● Drive-Start Control is operating; ● Drive-Start Control is malfunctioning; or ● Parking Support Brake function (for static objects) (if equipped) is operating <p>→ Follow the instructions displayed on the multi-information display.</p> <p>When a buzzer does not sound:</p> <p>Brake Override System is operating</p> <p>→ Release the accelerator pedal and depress the brake pedal.</p>

*: This light illuminates on the multi-information display with a message.

■ Brake hold operated indicator (warning buzzer)

Warning light	Details/Actions
	<p>Indicates a malfunction in the brake hold system</p> <p>→ Have the vehicle inspected by your Toyota dealer immediately.</p>

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■ Parking brake indicator

Warning light	Details/Actions
	<p>It is possible that the parking brake is not fully engaged or released → Operate the parking brake switch once again.</p>
	<p>This light 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.</p>

■ Tire pressure warning light*

Warning light	Details/Actions
	<p>When the light comes on after blinking for 1 minute: Malfunction in the tire pressure warning system → Have the system checked by your Toyota dealer.</p> <p>When the light comes on: Low tire inflation pressure such as ● Natural causes ● Flat tire → Immediately stop the vehicle in a safe place. Handling method (→P.646)</p>

* : This light illuminates on the multi-information display (with 7-inch display only).

■ Low fuel level warning light

Warning light	Details/Actions
	<p>Indicates that remaining fuel is approximately 2.2 gal. (8.3 L, 1.8 Imp. gal.) or less → Refuel the vehicle.</p>

■ Driver's and front passenger's seat belt reminder light (warning buzzer^{*})

Warning light	Details/Actions
	<p>Warns the driver and/or front passenger to fasten their seat belts</p> <p>→ Fasten the seat belt.</p> <p>If the front passenger's seat is occupied, the front passenger's seat belt also needs to be fastened to make the warning light (warning buzzer) turn off.</p>

^{*}: Driver's seat belt warning buzzer:

The driver's seat belt warning buzzer sounds to alert the driver that his or her seat belt is not fastened. Once the engine switch is turned to ON, the buzzer sounds. If the seat belt is still unfastened, the buzzer sounds intermittently for a certain period of time after the vehicle reaches a certain speed.

Front passenger's seat belt warning buzzer:

The front passenger's seat belt warning buzzer sounds to alert the front passenger that his or her seat belt is not fastened. If the seat belt is unfastened, the buzzer sounds intermittently for a certain period of time after the vehicle reaches a certain speed.

■ Rear passengers' seat belt reminder lights^{*1} (warning buzzer^{*2})

Warning light	Details/Actions
 (If equipped)	<p>Warns the rear passengers to fasten their seat belts</p> <p>→ Fasten the seat belt.</p>

^{*1}: These lights illuminate on the multi-information display.

^{*2}: Rear passengers' seat belt warning buzzer:

The rear passengers' seat belt warning buzzer sounds to alert the rear passenger that his or her seat belt is not fastened. If the seat belt is unfastened, the buzzer sounds intermittently for a certain period of time, after the seat belt is fastened and unfastened and the vehicle reaches a certain speed.

■ Warning buzzer

In some cases, the buzzer may not be heard because of noisy place or an audio sound.

■ Front passenger detection sensor, seat belt reminder and warning buzzer

- If luggage is placed on the front passenger seat, the front passen-

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ger detection sensor may cause the warning light to flash and the warning buzzer to sound even if a passenger is not sitting in the seat.

- If a cushion is placed on the seat, the sensor may not detect a passenger, and the warning light may not operate properly.

■ SRS warning light

This warning light system monitors the airbag sensor assembly, front impact sensors, side impact sensors (front door), side impact sensors (front), driver's seat position sensor, driver's seat belt buckle switch, front passenger occupant classification system (ECU and sensors), "AIR BAG ON" indicator light, "AIR BAG OFF" indicator light, front passenger's seat belt buckle switch, driver's seat belt pretensioner, front passenger's seat belt pretensioner and force limiter, airbags, interconnecting wiring and power sources. (→P.34)

■ If the malfunction indicator lamp comes on while driving

First check the following:

- Is the fuel tank empty?
If it is, fill the fuel tank immediately.
- Is the fuel tank cap loose?
If it is, tighten it securely.

The light will go off after several driving trips.

If the light does not go off even after several trips, contact your Toyota dealer as soon as possible.

■ Electric power steering system warning light (warning buzzer)

When the battery charge becomes insufficient or the voltage temporarily drops, the electric power steering system warning light may come on and the warning buzzer may sound.

■ When the tire pressure warning light comes on (vehicles with tire pressure warning system)

Inspect the tires to check if a tire is punctured.

If a tire is punctured: →P.653

If none of the tires are punctured:

Turn the engine switch to OFF then turn it to ON. Check if the tire pressure warning light comes on or blinks.

- If the tire pressure warning light blinks for approximately 1 minute then stays on

There may be a malfunction in the tire pressure warning system. Have the vehicle inspected by your Toyota dealer immediately.

- If the tire pressure warning light comes on

- 1 After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level.
- 2 If the warning light does not turn off even after several minutes have elapsed, check that the inflation pressure of each tire is at the specified level and perform initialization. (→P.599)

■ The tire pressure warning light may come on due to natural causes (vehicles with tire pressure warning system)

The tire pressure warning light may come on due to natural causes such as natural air leaks and tire inflation pressure changes caused by temperature. In this case, adjusting the tire inflation pressure will turn off the warning light (after a few minutes).

■ When a tire is replaced with a compact spare tire (vehicles with tire pressure warning system)

The compact spare tire is not equipped with a tire pressure warn-

ing valve and transmitter. If a tire goes flat, the tire pressure warning light will not turn off even though the flat tire has been replaced with the spare tire. Replace the spare tire with the standard tire and adjust the tire inflation pressure. The tire pressure warning light will go off after a few minutes.

■ Conditions that the tire pressure warning system may not function properly

→P.592



WARNING

■ If a warning light comes on or a warning buzzer sounds when a warning message is shown on the multi-information display*

Check and follow the message shown on the multi-information display.

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

*: Warning lights illuminate in red or yellow and the warning buzzer beeps once or sounds continuously.

■ When the electric power steering system warning light comes on

When the light comes on yellow, the assist to the power steering is restricted. When the light comes on red, the assist to the power steering is lost and handling operations of the steering wheel become extremely heavy. If the steering wheel becomes heavier than usual when operating, hold firmly and operate using more force than usual.

■ If the tire pressure warning light comes on (vehicles with tire pressure warning system)

Be sure to observe the following precautions. Failure to do so could cause a loss of vehicle control and result in death or serious injury.

- Stop your vehicle in a safe place as soon as possible. Adjust the tire inflation pressure immediately.
- If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If a tire is flat, change it with the spare tire and have the flat tire repaired by the nearest Toyota dealer.
- Avoid abrupt maneuvering and braking. If the vehicle tires deteriorate, you could lose control of the steering wheel or the brakes.

■ If a blowout or sudden air leakage should occur (vehicles with tire pressure warning system)

The tire pressure warning system may not activate immediately.

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WARNING

■ Maintenance of the tires (vehicles with tire pressure warning system)

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label (tire and load information label). (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label [tire and load information label], you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS-tire pressure warning system) that illuminates a low tire pressure telltale (tire pressure warning light) when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale (tire pressure warning light) illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS (tire pressure warning system) is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale (tire pressure warning light).

Your vehicle has also been equipped with a TPMS (tire pressure warning system) malfunction indicator to indicate when the system is not operating properly. The TPMS (tire pressure warning system) malfunction indicator is combined with the low tire pressure telltale (tire pressure warning light). When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended.

TPMS (tire pressure warning system) malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS (tire pressure warning system) from functioning properly. Always check the TPMS (tire pressure warning system) malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS (tire pressure warning system) to continue to function properly.

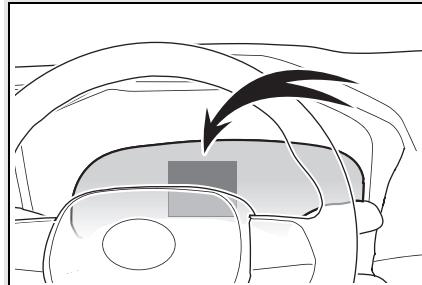
 **NOTICE**

- To ensure the tire pressure warning system operates properly (vehicles with tire pressure warning system)

Do not install tires with different specifications or makers, as the tire pressure warning system may not operate properly.

If a warning message is displayed

The multi-information display shows warnings of system malfunctions, incorrectly performed operations, and messages that indicate a need for maintenance. When a message is shown, perform the correction procedure appropriate to the message.



If a warning message is displayed again after the appropriate actions have been performed, contact your Toyota dealer.

■ Warning messages

The warning messages explained below may differ from the actual messages according to operation conditions and vehicle specifications.

■ If a message about an operation is shown

- If a message about an operation of the accelerator pedal or brake pedal is shown

A warning message about an operation of the brake pedal may be

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shown while the driving support systems such as PCS (Pre-Collision system) or the dynamic radar cruise control with full-speed range is operating. If a warning message is shown, be sure to decelerate the vehicle or follow an instruction shown on the multi-information display.

A warning message is shown when Brake Override System, Drive-Start Control or Parking Support Brake (if equipped) (→P.172, 281) operates. Follow the instructions on the multi-information display.

- If a message about an operation of the engine switch is shown (if equipped)

An instruction for operation of the engine switch is shown when the incorrect procedure for starting the engine is performed or the engine switch is operated incorrectly. Follow the instructions shown on the multi-information display to operate the engine switch again.

- If a message about a shift lever operation is shown

To prevent the shift lever from being operated incorrectly or the vehicle from moving unexpectedly, a message that requires shifting the shift lever may be shown on the multi-information display. In that case, follow the instruction of the message and shift the shift lever.

- If a message or image about an open/close state of a part or replenishment of a consumable is shown

Confirm the part indicated by the multi-information display or a warning light, and then perform the coping method such as closing the

open door or replenishing a consumable.

■ If a message that indicates the need for visiting your Toyota dealer is displayed

The system or part shown on the multi-information display is malfunctioning. Have the vehicle inspected by your Toyota dealer immediately.

■ If a message that indicates the need for referring to Owner's Manual is displayed

- If "Engine Coolant Temp High" is shown, follow the instructions (→P.670).

- If the following messages are shown, there may be a malfunction.

Immediately stop the vehicle in a safe place and contact your Toyota dealer. Continuing to drive the vehicle may be dangerous.

- "Charging System Malfunction"
- "High Transmission Fluid Temp"
- "Smart Key System Malfunction"

- If the following messages are shown, there may be a malfunction.

Immediately have the vehicle inspected by your Toyota dealer.

- "Oil Pressure Low"
- "Braking Power Low"

■ If "Shift to P when Parked" is shown (if equipped)

Message is displayed when the driver's door is opened without turning the engine switch to OFF with the shift lever in any position other than P.

Shift the shift lever to P.

■ If "Auto Power OFF to Conserve Battery" is shown (if equipped)

Power was turned off due to the automatic power off function.

Next time when starting the engine, increase the engine speed slightly and maintain that level for approximately 5 minutes to recharge the

battery.

■ If "Engine Oil Level Low Add or Replace" is displayed

The engine oil level may be low. Check the level of the engine oil, and add engine oil if necessary. This message may be displayed if the vehicle is stopped on a slope. Move the vehicle to a level surface and check if the message disappears.

■ If "Maintenance Required Soon" is shown

Indicates that all maintenance according to the driven distance on the maintenance schedule* should be performed soon.

Comes on approximately 4500 miles (7200 km) after the message has been reset.

If necessary, perform maintenance. Please reset the message after the maintenance is performed. (→P.573)

*: Refer to the separate "Scheduled Maintenance Guide" or "Owner's Manual Supplement" for the maintenance interval applicable to your vehicle.

■ If "Maintenance Required Visit Your Dealer" is shown

Indicates that all maintenance is required to correspond to the driven distance on the maintenance schedule*.

Comes on approximately 5000 miles (8000 km) after the message has been reset. (The indicator will not work properly unless the message has been reset.)

Perform the necessary maintenance. Please reset the message after the maintenance is performed. (→P.573)

*: Refer to the separate "Scheduled Maintenance Guide" or "Owner's Manual Supplement" for the main-

tenance interval applicable to your vehicle.

■ If a message that indicates the malfunction of front camera is displayed

The following systems may be suspended until the problem shown in the message is resolved. (→P.449, 640)

- PCS (Pre-Collision System)
- LTA (Lane Tracing Assist)
- Automatic High Beam
- RSA (Road Sign Assist)*
- Dynamic radar cruise control with full-speed range

*: If equipped

■ If "Radar Cruise Control Unavailable See Owner's Manual" is shown

The dynamic radar cruise control with full-speed range system is suspended temporarily or until the problem shown in the message is resolved. (causes and coping methods: →P.449)

■ If "Radar Cruise Control Unavailable" is shown

The dynamic radar cruise control with full-speed range system cannot be used temporarily. Use the system when it becomes available again.

■ Warning buzzer

→P.645

⚠ WARNING

■ If a warning light comes on or a warning buzzer sounds when a warning message is shown on the multi-information display

→P.647

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NOTICE

■ “High Power Consumption Partial Limit On AC/Heater Operation” is frequently shown

There is a possible malfunction relating to the charging system or the battery may be deteriorating. Have the vehicle inspected by your Toyota dealer.

If you have a flat tire

Your vehicle is equipped with a spare tire. The flat tire can be replaced with the spare tire.

For details about tires: →P.589

WARNING

■ If you have a flat tire

Do not continue driving with a flat tire.

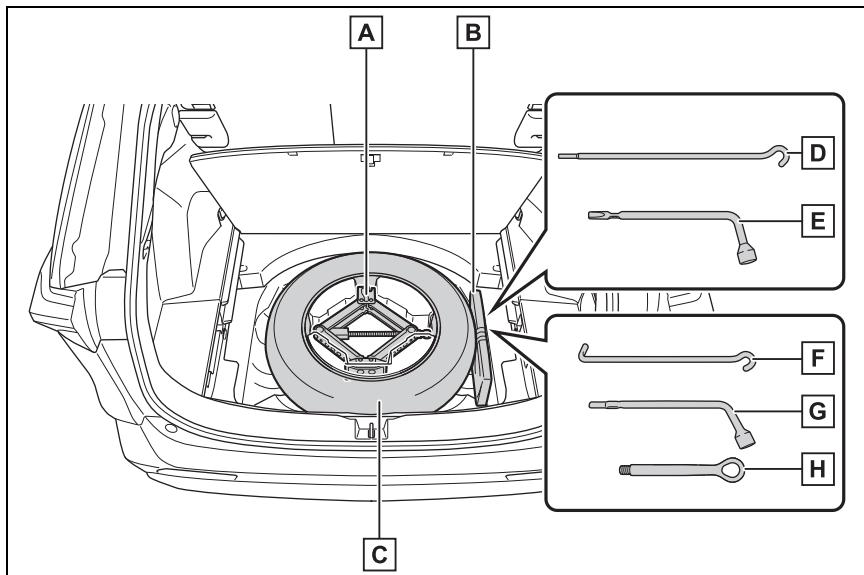
Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair, which could result in an accident.

Before jacking up the vehicle

- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift lever to P.
- Stop the engine.
- Turn on the emergency flashers. (→P.628)
- For vehicles with power back door: Turn off the power back door system. (→P.128)

654 8-2. Steps to take in an emergency

Location of the spare tire, jack and tools



[A] Jack

[B] Tool bag

[C] Spare tire

[D] Jack handle^{*1}

[E] Wheel nut wrench^{*1}

[F] Jack handle^{*2}

[G] Wheel nut wrench^{*2}

[H] Towing eyelet^{*2} (if equipped)

^{*1}: Except for models made in Japan^{*3}

^{*2}: For models made in Japan^{*3}

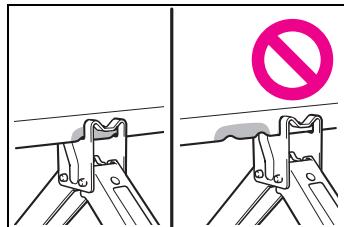
^{*3}: The country of production is written on the Certification Regulation Label.
(→P.677)

⚠ WARNING
■ Using the tire jack

Observe the following precautions.

Improper use of the tire jack may cause the vehicle to suddenly fall off the jack, leading to death or serious injury.

- Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- The equipped jack can only be used with your vehicle. Do not use it with other vehicles.
- And do not use jacks from other vehicles with your vehicle.
- Put the jack properly in its jack point.



- Do not put any part of your body under the vehicle while it is supported by the jack.
- Do not start the engine or drive the vehicle while the vehicle is supported by the jack.
- Do not raise the vehicle while someone is inside.
- When raising the vehicle, do not put an object on or under the jack.
- Do not raise the vehicle to a height greater than that required to replace the tire.
- Use a jack stand if it is necessary to get under the vehicle.

● Stop the vehicle on firm, flat and level ground, firmly set the parking brake and shift the shift lever to P. Block the wheel diagonally opposite to the one being changed if necessary.

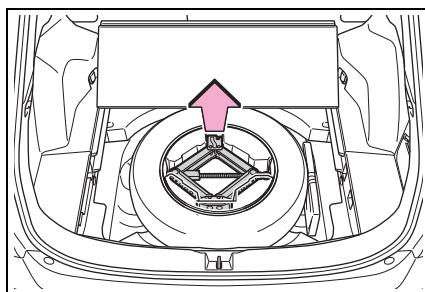
● When lowering the vehicle, make sure that there is no-one near the vehicle. If there are people nearby, warn them vocally before lowering.

Taking out the jack

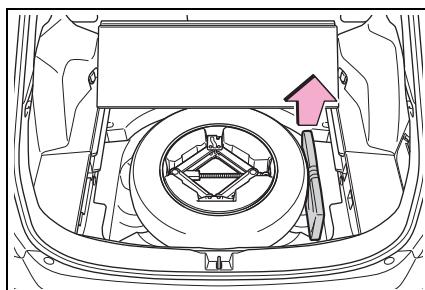
1 Open the deck board
(→P.539).

2 Take out the jack.

Do not touch the threaded portion of the jack as it is greased.


Taking out the tool bag

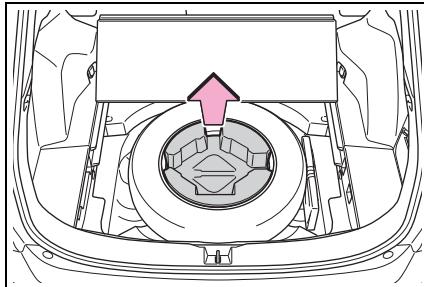
Take out the tool bag.



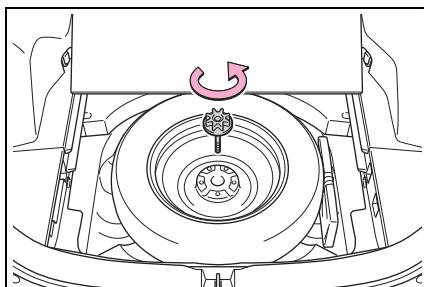
656 8-2. Steps to take in an emergency

Taking out the spare tire

- 1 Take out the jack holder.



- 2 Loosen the center fastener that secures the spare tire.



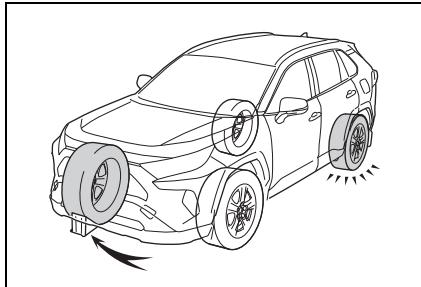
WARNING

■ When storing the spare tire

Be careful not to catch fingers or other body parts between the spare tire and the body of the vehicle.

Replacing a flat tire

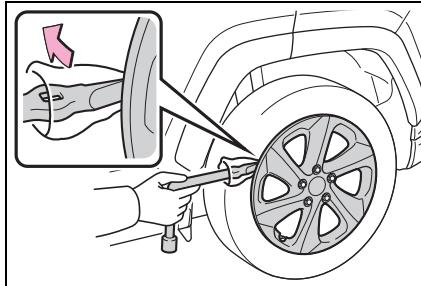
- 1 Chock the tires.



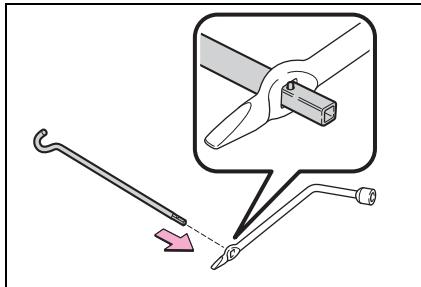
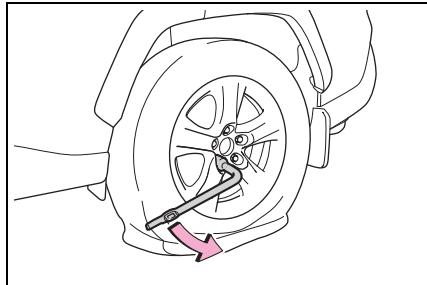
Flat tire	Wheel chock positions
Front left-hand side	Behind the rear right-hand side tire
Front right-hand side	Behind the rear left-hand side tire
Rear left-hand side	In front of the front right-hand side tire
Rear right-hand side	In front of the front left-hand side tire

- 2 For vehicles with full wheel ornament: Remove the wheel ornament using the wrench.

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



- 3** Slightly loosen the wheel nuts (one turn).



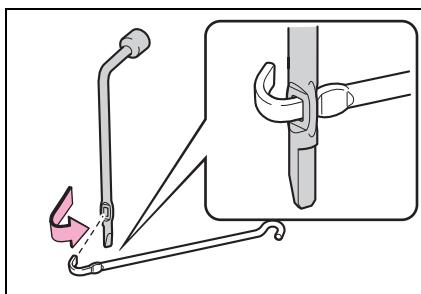
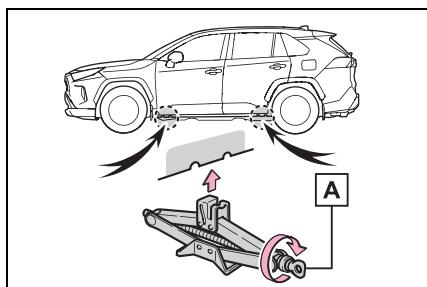
► For models made in Japan^{*}

^{*}: The country of production is written on the Certification Regulation Label. (→P.677)

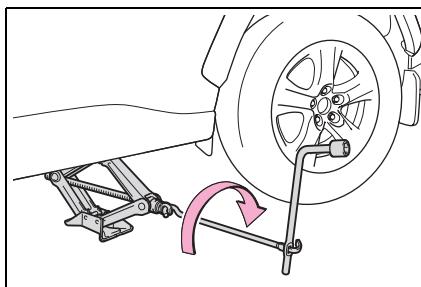
- 4** Turn the tire jack portion **A** by hand until the notch of the jack is in contact with the jack point.

After removing the jack from the jack holder, turn the jack portion **A** in the opposite direction to lower the jack, and then adjust the jack set position.

The jack point guides are located under the rocker panel. They indicate the jack point positions.



- 6** Raise the vehicle until the tire is slightly raised off the ground.



- 7** 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

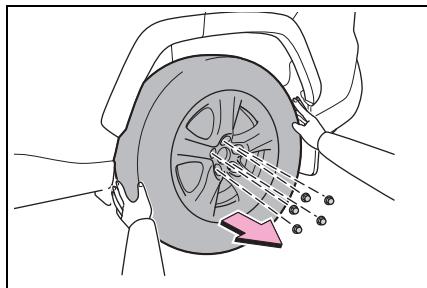
- 5** Assemble the jack handle and the wheel nut wrench as shown in the illustration.

► Except for models made in Japan^{*}

^{*}: The country of production is written on the Certification Regulation Label. (→P.677)

658 8-2. Steps to take in an emergency

scratching the wheel surface.



WARNING

■ Replacing a flat tire

- Do not touch the disc wheels or the area around the brakes immediately after the vehicle has been driven.
After the vehicle has been driven the disc wheels and the area around the brakes will be extremely hot. Touching these areas with hands, feet or other body parts while changing a tire, etc. may result in burns.
- Failure to follow these precautions could cause the wheel nuts to loosen and the tire to fall off, resulting in death or serious injury.
- Have the wheel nuts tightened with a torque wrench to 76 ft•lbf (103 N•m, 10.5 kgf•m) as soon as possible after changing wheels.
- Do not attach a heavily damaged wheel ornament, as it may fly off the wheel while the vehicle is moving.
- When installing a tire, only use wheel nuts that have been specifically designed for that wheel.

- If there are any cracks or deformations in the bolt screws, nut threads or bolt holes of the wheel, have the vehicle inspected by your Toyota dealer.

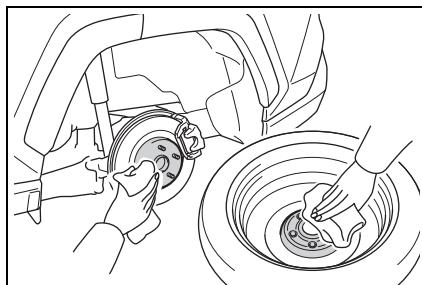
- When installing the wheel nuts, be sure to install them with the tapered ends facing inward.

- For vehicles with power back door: In cases such as when replacing tires, make sure to turn off the power back door system (→P.128). Failure to do so may cause the back door to operate unintentionally if the power back door switch is accidentally touched, resulting in hands and fingers being caught and injured.

Installing the spare tire

- 1 Remove any dirt or foreign matter from the wheel contact surface.

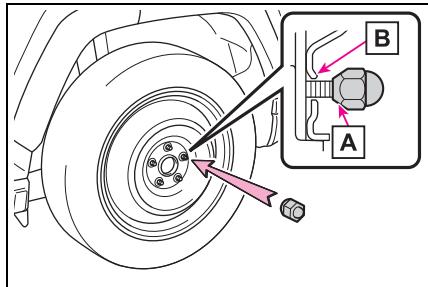
If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, causing the tire to come off.



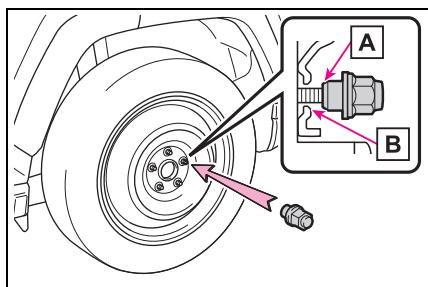
- 2 Install the spare tire and loosely tighten each wheel nut by hand by approximately the same amount.

When replacing a steel wheel with

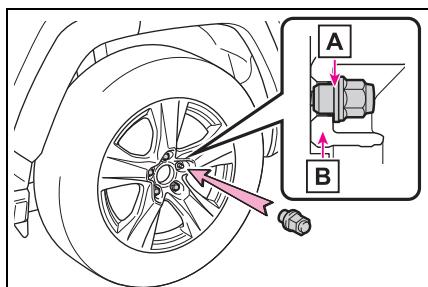
a steel wheel, tighten the nuts until the tapered portion **A** comes into loose contact with the disc wheel seat **B**.



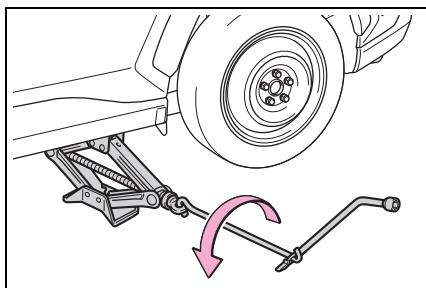
When replacing an aluminum wheel with a steel wheel, tighten the wheel nuts until the tapered portion **A** comes into loose contact with the disc wheel seat **B**.



When replacing an aluminum wheel with an aluminum wheel, turn the wheel nuts until the washers **A** come into contact with the disc wheel **B**.

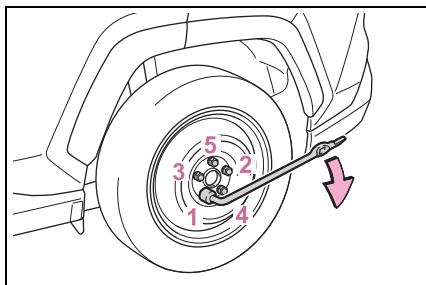


3 Lower the vehicle.



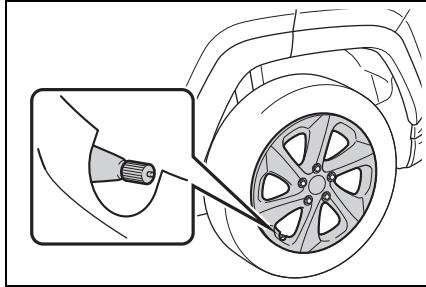
4 Firmly tighten each wheel nut two or three times in the order shown in the illustration.

Tightening torque:
76 ft•lbf (103 N•m, 10.5 kgf•m)



5 For vehicles with full wheel ornament: When reinstalling an original wheel, reinstall the wheel ornament*.

Align the cutout of the wheel ornament with the valve stem as shown.



*: The wheel ornament cannot be

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installed on the compact spare tire.

- 6 Stow the flat tire, tire jack and all tools.

■ The compact spare tire

- The compact spare tire is identified by the label "TEMPORARY USE ONLY" on the tire sidewall. Use the compact spare tire temporarily, and only in an emergency.
- Make sure to check the tire inflation pressure of the compact spare tire. (→P.683)

■ When using the compact spare tire

As the compact spare tire is not equipped with a tire pressure warning valve and transmitter, low inflation pressure of the spare tire will not be indicated by the tire pressure warning system. Also, if you replace the compact spare tire after the tire pressure warning light comes on, the light remains on.

■ When the compact spare tire is attached

The vehicle height may become lower when driving with the compact spare tire compared to when driving with standard tires.

■ If you have a flat front tire on a road covered with snow or ice

Install the compact spare tire on one of the rear wheels of the vehicle. Perform the following steps and fit tire chains to the front tires:

- 1 Replace a rear tire with the compact spare tire.
- 2 Replace the flat front tire with the tire removed from the rear of the vehicle.
- 3 Fit tire chains to the front tires.

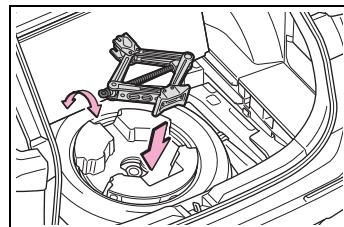
■ When stowing the jack

Before storing the jack, adjust the height of the jack to match the

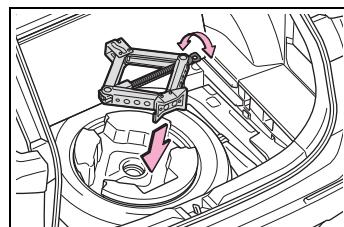
shape of the jack holder.

The storage direction of the jack differs depending on the type, so make sure to store the jack in the correct direction.

Except for models made in Japan^{*}:



For models made in Japan^{*}:



^{*}: The country of production is written on the Certification Regulation Label. (→P.677)

WARNING

■ When using the compact spare tire

- Remember that the compact spare tire provided is specifically designed for use with your vehicle. Do not use your compact spare tire on another vehicle.
- Do not use more than one compact spare tire simultaneously.
- Replace the compact spare tire with a standard tire as soon as possible.

 **WARNING**

- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.

■ When the compact spare tire is attached

The vehicle speed may not be correctly detected, and the following systems may not operate correctly:

- ABS & Brake assist
- VSC/Trailer Sway Control
- TRAC
- Dynamic radar cruise control with full-speed range
- PCS (Pre-Collision System)
- EPS
- LTA (Lane Tracing Assist)
- Tire pressure warning system (if equipped)
- AHB (Automatic High Beam)
- BSM (Blind Spot Monitor) (if equipped)
- Downhill assist control system (if equipped)
- Rear view monitor system (if equipped)
- Panoramic view monitor (if equipped)
- Toyota parking assist monitor (if equipped)
- Intuitive parking assist (if equipped)
- Navigation system (if equipped)

Also, not only can the following systems not be utilized fully, but they may actually negatively affect the drive-train components:

- Dynamic Torque Control AWD system (if equipped)
- Dynamic Torque Vectoring AWD system (if equipped)

■ Speed limit when using the compact spare tire

Do not drive at speeds in excess of 50 mph (80 km/h) when a compact spare tire is installed on the vehicle.

The compact spare tire is not designed for driving at high speeds. Failure to observe this precaution may lead to an accident causing death or serious injury.

■ After using the tools and jack

Before driving, make sure all the tools and jack are securely in place in their storage location to reduce the possibility of personal injury during a collision or sudden braking.

 **NOTICE**

■ Be careful when driving over bumps with the compact spare tire installed on the vehicle

The vehicle height may become lower when driving with the compact spare tire compared to when driving with standard tires. Be careful when driving over uneven road surfaces.



NOTICE

■ Driving with tire chains and the compact spare tire

Do not fit tire chains to the compact spare tire.

Tire chains may damage the vehicle body and adversely affect driving performance.

■ When replacing the tires (vehicles with tire pressure warning system)

When removing or fitting the wheels, tires or the tire pressure warning valve and transmitter, contact your Toyota dealer as the tire pressure warning valve and transmitter may be damaged if not handled correctly.

If the engine will not start

If the engine will not start even though correct starting procedures are being followed (→P.195, 196), consider each of the following points:

The engine will not start even though the starter motor operates normally

One of the following may be the cause of the problem:

- There may not be sufficient fuel in the vehicle's tank.
Refuel the vehicle.
- The engine may be flooded.
Try to restart the engine again following correct starting procedures. (→P.195, 196)
- There may be a malfunction in the engine immobilizer system. (→P.70)

The starter motor turns over slowly, the interior lights and headlights are dim, or the horn does not sound or sounds at a low volume

One of the following may be the cause of the problem:

- The battery may be discharged. (→P.666)

- The battery terminal connections may be loose or corroded.

The starter motor does not turn over (vehicles with smart key system)

The engine starting system may be malfunctioning due to an electrical problem such as electronic key battery depletion or a blown fuse. However, an interim measure is available to start the engine. (→P.663)

The starter motor does not turn over, the interior lights and headlights do not turn on, or the horn does not sound

One of the following may be the cause of the problem:

- The battery may be discharged. (→P.666)
- One or both of the battery terminals may be disconnected.
- There may be a malfunction in the steering lock system (vehicles with smart key system).

Contact your Toyota dealer if the problem cannot be repaired, or if repair procedures are unknown.

**Emergency start function
(vehicles with smart key system)**

When the engine does not start, the following steps can be used as an interim measure to start the engine if the engine switch is functioning normally:

- 1 Pull the parking brake switch to check that the parking brake is set. (→P.205)
Parking brake indicator will come on.
- 2 Shift the shift lever to P.
- 3 Turn the engine switch to ACC.
- 4 Press and hold the engine switch for about 15 seconds while depressing the brake pedal firmly.

Even if the engine can be started using the above steps, the system may be malfunctioning. Have the vehicle inspected by your Toyota dealer.

If you lose your keys

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



■ When an electronic key is lost (if equipped)

If the electronic key remains lost, the risk of vehicle theft increases significantly. Visit your Toyota dealer immediately with all remaining electronic keys that were provided with your vehicle.

If the electronic key does not operate properly (vehicles with smart key system)

If communication between the electronic key and vehicle is interrupted (→P.130) or the electronic key cannot be used because the battery is depleted, the smart key system and wireless remote control cannot be used. In such cases, the doors can be opened and the engine can be started by following the procedure below.

■ When the electronic key does not work properly

- Make sure that the smart key system has not been deactivated in the customization setting. If it is off, turn the function on. (Customizable features: →P.703)
- Check if battery-saving mode is set. If it is set, cancel the function. (→P.130)



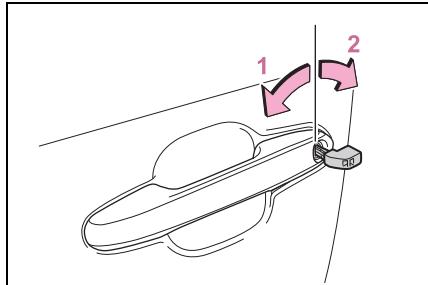
■ In case of a smart key system malfunction, or other key related problems

Take your vehicle with all the electronic keys provided with your vehicle to your Toyota dealer.

Locking and unlocking the doors

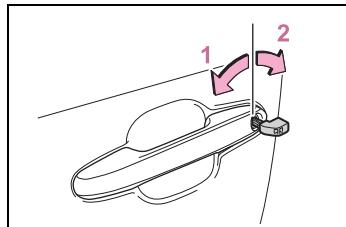
Use the mechanical key (→P.107) in order to perform the

following operations.



- 1** Locks all the doors
 - 2** Unlocks the door
- Turning the key rearward unlocks the driver's door. Turning the key once again within 5 seconds unlocks the other doors.

■ Key linked functions



- 1** Closes the windows and the moon roof^{*1} or panoramic moon roof^{*1} (turn and hold)^{*2}
- 2** Opens the windows and the moon roof^{*1} or panoramic moon roof^{*1} (turn and hold)^{*2}

^{*1}: If equipped

^{*2}: These settings must be customized at your Toyota dealer.

WARNING

- When using the mechanical key and operating the power windows or the moon roof (if equipped) or panoramic moon roof (if equipped)

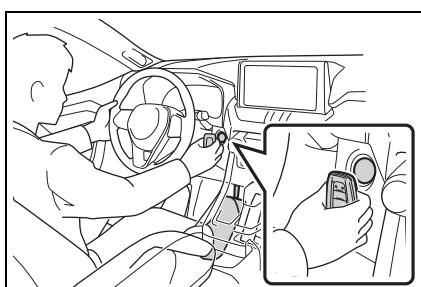
Operate the power window or the moon roof or panoramic moon roof after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the window or the moon roof or panoramic moon roof. Also, do not allow children to operate the mechanical key. It is possible for children and other passengers to get caught in the power window or the moon roof or panoramic moon roof.

Starting the engine

- 1** Ensure that the shift lever is in P and depress the brake pedal.
- 2** Touch the Toyota emblem side of the electronic key to the engine switch.

When the electronic key is detected, a buzzer sounds and the engine switch will turn to ON.

When the smart key system is deactivated in customization setting, the engine switch will turn to ACC.



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- 3 Firmly depress the brake pedal and check that  is displayed on the multi-information display.

- 4 Press the engine switch shortly and firmly.

In the event that the engine still cannot be started, contact your Toyota dealer.

■ Stopping the engine

Shift the shift lever to P, set the parking brake and press the engine switch as you normally do when stopping the engine.

■ Replacing the key battery

As the above procedure is a temporary measure, it is recommended that the electronic key battery be replaced immediately when the battery is depleted. (→P.613)

■ Alarm (Canada only)

If a door is unlocked using the mechanical key when the alarm system is set, the alarm may be triggered.*

*: These settings must be customized at your Toyota dealer.

■ Changing engine switch modes

Release the brake pedal and press the engine switch in step 3 above. The engine does not start and modes will be changed each time the switch is pressed. (→P.199)

If the vehicle battery is discharged

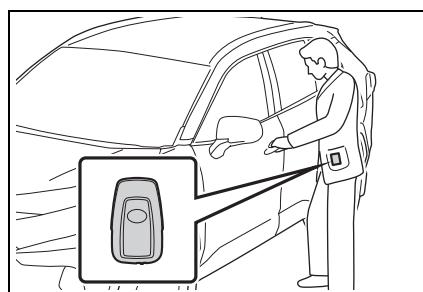
The following procedures may be used to start the engine if the vehicle's battery is discharged. You can also call your Toyota dealer or a qualified repair shop.

Restarting the engine

If you have a set of jumper (or booster) cables and a second vehicle with a 12-volt battery, you can jump start your vehicle by following the steps below.

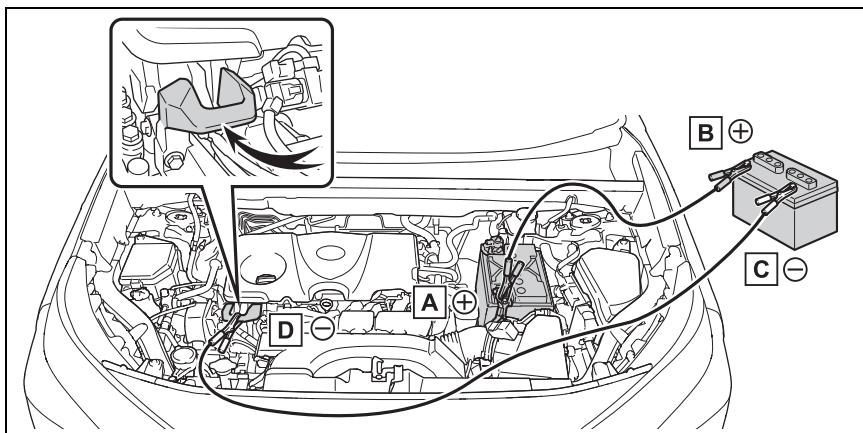
- 1 Vehicles with alarm: Confirm that the electronic key is being carried.

When connecting the jumper (or booster) cables, depending on the situation, the alarm may activate and the doors locked. (→P.74)



- 2 Open the hood. (→P.579)

- 3** Connect a positive jumper cable clamp to **A** on your vehicle and connect the clamp on the other end of the positive cable to **B** on the second vehicle. Then, connect a negative cable clamp to **C** on the second vehicle and connect the clamp at the other end of the negative cable to **D**.



- A** Positive (+) battery terminal (your vehicle)
- B** Positive (+) battery terminal (second vehicle)
- C** Negative (-) battery terminal (second vehicle)
- D** Solid, stationary, unpainted metallic point away from the battery and any moving parts as shown in the illustration

- 4** Start the engine of the second vehicle. Increase the engine speed slightly and maintain at that level for approximately 5 minutes to recharge the battery of your vehicle.
- 5** Vehicles with smart key system only: Open and close any of the doors of your vehicle with the engine switch OFF.
- 6** Vehicles without smart key system: Maintain the engine speed of the second vehicle and start the engine of your vehicle.
- 7** Vehicles with smart key system: Maintain the engine speed of the second vehicle and start the engine of your vehicle by turning the engine switch to ON.
- 8** Once the vehicle's engine has started, remove the jumper cables in the exact reverse order from which they were connected.

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Once the engine starts, have the vehicle inspected at your Toyota dealer as soon as possible.

■ Starting the engine when the battery is discharged

The engine cannot be started by push-starting.

■ To prevent battery discharge

- Turn off the headlights and the audio system while the engine is stopped.

(Vehicles with Stop & Start system:
Except when the engine is stopped due to the Stop & Start system)

- 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 battery is removed or discharged

- Information stored in the ECU is cleared. When the battery is depleted, have the vehicle inspected at your Toyota dealer.
- Some systems may require initialization. (→P.712)

■ When removing the battery terminals

When the battery terminals are removed, the information stored in the ECU is cleared. Before removing the battery terminals, contact your Toyota dealer.

■ Charging the battery

The electricity stored in the battery will discharge gradually even when the vehicle is not in use, due to natural discharge and the draining effects of certain electrical appliances. If the vehicle is left for a long time, the battery may discharge, and the engine may be unable to start. (The battery recharges automatically during driving.)

■ When recharging or replacing the battery (vehicles without smart key start system)

The engine may not start on the first attempt after the battery has recharged but will start normally after the second attempt. This is not a malfunction.

■ When recharging or replacing the battery (vehicles with smart key system)

- In some cases, it may not be possible to unlock the doors using the smart key system when the battery is discharged. Use the wireless remote control or the mechanical key to lock or unlock the doors.
- The engine may not start on the first attempt after the battery has recharged but will start normally after the second attempt. This is not a malfunction.

- The engine switch mode is memorized by the vehicle. When the battery is reconnected, the system will return to the mode it was in before the battery was discharged. Before disconnecting the battery, turn the engine switch to OFF.

If you are unsure what mode the engine switch was in before the battery discharged, be especially careful when reconnecting the battery.

■ When the battery is removed or discharged (vehicles with Stop & Start system)

The Stop & Start system may not automatically stop the engine for up to an hour.

■ When replacing the battery

- Vehicles with Stop & Start system:
Use a genuine battery specifically designed for use with the Stop & Start system or a battery with equivalent specifications to a genuine battery. If an unsupported battery is used, Stop & Start system functions

may be restricted to protect the battery. Also, battery performance may decrease and the engine may not be able to restart. Contact your Toyota dealer for details.

- Use a battery that conforms to European regulations.

● Type A:

Use a battery that the case size is same as the previous one (LN3), 20 hours rate capacity (20HR) is equivalent (65Ah) or greater, and performance rating (CCA) is equivalent (603A) or greater.

Type B:

Use a battery that the case size is same as the previous one (LN2), 20 hours rate capacity (20HR) is equivalent (60Ah) or greater, and performance rating (CCA) is equivalent (360A) or greater.

Type C:

Use a battery that the case size is same as the previous one (LN2), 20 hours rate capacity (20HR) is equivalent (60Ah) or greater, and performance rating (CCA) is equivalent (563A) or greater.

- If the sizes differ, the battery cannot be properly secured.
- If the 20 hour rate capacity is low, even if the time period where the vehicle is not used is a short time, the battery may discharge and engine may not be able to start.



WARNING

■ **When removing the battery terminals**

Always remove the negative (-) terminal first. If the positive (+) terminal contacts any metal in the surrounding area when the positive (+) terminal is removed, a spark may occur, leading to a fire in addition to electrical shocks and death or serious injury.

■ **Avoiding battery fires or explosions**

Observe the following precautions to prevent accidentally igniting the flammable gas that may be emitted from the battery:

- Make sure each jumper cable is connected to the correct terminal and that it is not unintentionally in contact with any other than the intended terminal.
- Do not allow the other end of the jumper cable connected to the "+" terminal to come into contact with any other parts or metal surfaces in the area, such as brackets or unpainted metal.
- Do not allow the + and - clamps of the jumper cables to come into contact with each other.
- Do not smoke, use matches, cigarette lighters or allow open flame near the battery.

■ **Battery precautions**

The battery contains poisonous and corrosive acidic electrolyte, while related parts contain lead and lead compounds. Observe the following precautions when handling the battery:

- When working with the battery, always wear safety glasses and take care not to allow any battery fluids (acid) to come into contact with skin, clothing or the vehicle body.
- Do not lean over the battery.
- In the event that battery fluid comes into contact with the skin or eyes, immediately wash the affected area with water and seek medical attention. Place a wet sponge or cloth over the affected area until medical attention can be received.

670 8-2. Steps to take in an emergency

WARNING

- Always wash your hands after handling the battery support, terminals, and other battery-related parts.
- Do not allow children near the battery.

■ When replacing the battery

For information regarding battery replacement, contact your Toyota dealer.

NOTICE

■ When handling jumper cables

When connecting the jumper cables, ensure that they do not become entangled in the cooling fan or engine drive belt.

If your vehicle overheats

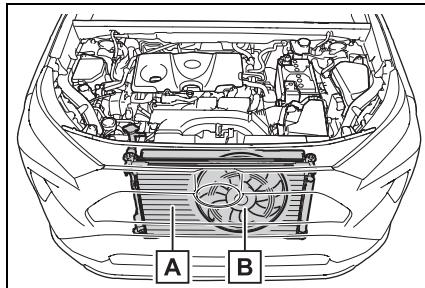
The following may indicate that your vehicle is overheating.

- The needle of the engine coolant temperature gauge (→P.82, 85) enters the red zone or a loss of engine power is experienced. (For example, the vehicle speed does not increase.)
- “Engine Coolant Temp High Stop in a Safe Place See Owner’s Manual” is shown on the multi-information display.
- Steam comes out from under the hood.

Correction procedures

- 1 Stop the vehicle in a safe place and turn off the air conditioning system, and then stop the engine.
- 2 If you see steam:
Carefully lift the hood after the steam subsides.
If you do not see steam:
Carefully lift the hood.

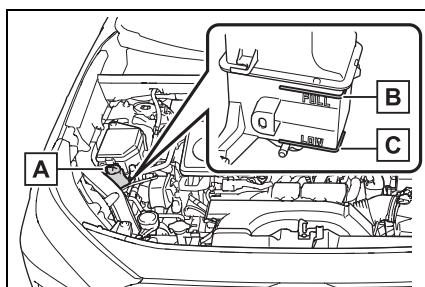
- 3** After the engine has cooled down sufficiently, inspect the hoses and radiator core (radiator) for any leaks.



- A** Radiator
B Cooling fan

If a large amount of coolant leaks, immediately contact your Toyota dealer.

- 4** The coolant level is satisfactory if it is between the "FULL" and "LOW" lines on the reservoir.

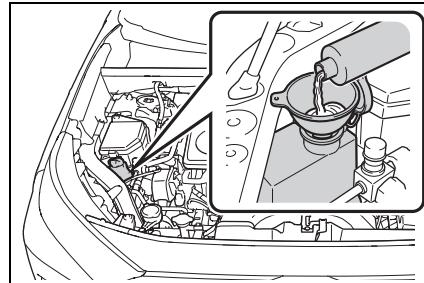


- A** Reservoir
B "FULL" line
C "LOW" line

- 5** Add coolant if necessary.

Water can be used in an emergency if coolant is unavailable. If water was added in an emergency, have the vehicle inspected

at your Toyota dealer as soon as possible.



- 6** Start the engine and turn the air conditioning system on to check that the radiator cooling fan operates and to check for coolant leaks from the radiator or hoses.

The fan operates when the air conditioning system is turned on immediately after a cold start. Confirm that the fan is operating by checking the fan sound and air flow. If it is difficult to check these, turn the air conditioning system on and off repeatedly. (The fan may not operate in freezing temperatures.)

- 7** If the fan is not operating:
Stop the engine immediately and contact your Toyota dealer.

If the fan is operating:
Have the vehicle inspected at the nearest Toyota dealer.

- 8** Check if "Engine Coolant Temp High Stop in a Safe Place See Owner's Manual" is shown on the multi-information display.

If the message does not disappear:
Stop the engine and contact your Toyota dealer.

If the message is not displayed:
Have the vehicle inspected at the

8

When trouble arises

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nearest Toyota dealer.

WARNING

■ When inspecting under the hood of your vehicle

Observe the following precautions.

Failure to do so may result in serious injury such as burns.

- If steam is seen coming from under the hood, do not open the hood until the steam has subsided. The engine compartment may be very hot.
- Keep hands and clothing (especially a tie, a scarf or a muffler) away from the fan and belts. Failure to do so may cause the hands or clothing to be caught, resulting in serious injury.
- Do not loosen the coolant reservoir cap while the engine and radiator are hot. High temperature steam or coolant could spray out.

NOTICE

■ When adding engine coolant

Add coolant slowly after the engine has cooled down sufficiently. Adding cool coolant to a hot engine too quickly can cause damage to the engine.

■ To prevent damage to the cooling system

Observe the following precautions:

- Avoid contaminating the coolant with foreign matter (such as sand or dust etc.).
- Do not use any coolant additive.

If the vehicle becomes stuck

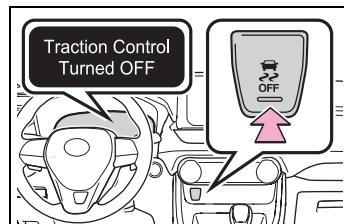
Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt or snow:

Recovering procedure

- 1 Stop the engine. Set the parking brake and shift the shift lever to P.
- 2 Remove the mud, snow or sand from around the stuck tire.
- 3 Place wood, stones or some other material to help provide traction under the tires.
- 4 Restart the engine.
- 5 Shift the shift lever to D or R and release the parking brake. Then, while exercising caution, depress the accelerator pedal.

■ When it is difficult to free the vehicle

Press  to turn off TRAC.
(→P.365)



⚠ WARNING**■ When attempting to free a stuck vehicle**

If you choose to push the vehicle back and forth to free it, make sure the surrounding area is clear to avoid striking other vehicles, objects or people. The vehicle may also lunge forward or lunge back suddenly as it becomes free. Use extreme caution.

■ When shifting the shift lever

Be careful not to shift the shift lever with the accelerator pedal depressed.

This may lead to unexpected rapid acceleration of the vehicle that may cause an accident resulting in death or serious injury.

⚠ NOTICE**■ To avoid damaging the transmission and other components**

- Avoid spinning the wheels and depressing the accelerator pedal more than necessary.
- If the vehicle remains stuck even after these procedures are performed, the vehicle may require towing to be freed.

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Vehicle specifications

9-1. Specifications

- Maintenance data (fuel, oil level, etc.) **676**
- Fuel information **688**
- Tire information **690**

9-2. Customization

- Customizable features **700**

9-3. Initialization

- Items to initialize **712**

676 9-1. Specifications

Maintenance data (fuel, oil level, etc.)

Dimensions and weights

Overall length ^{*1}	Except ADVENTURE grade (for the U.S.A.)/Trail grade (for Canada)	180.9 in. (4595 mm)
	ADVENTURE grade (for the U.S.A.)/Trail grade (for Canada)	181.5 in. (4611 mm)
Overall width ^{*1}	Except ADVENTURE grade (for the U.S.A.)/Trail grade (for Canada)	73.0 in. (1855 mm)
	ADVENTURE grade (for the U.S.A.)/Trail grade (for Canada)	73.4 in. (1865 mm)
Overall height ^{*1}	Without bridge type roof rail	67.0 in. (1701 mm) ^{*2} 67.2 in. (1706 mm) ^{*3}
	With bridge type roof rail	68.6 in. (1742 mm)
Wheelbase ^{*1}		105.9 in. (2690 mm)
Tread ^{*1}	Front	63.0 in. (1600 mm) ^{*2} 62.6 in. (1590 mm) ^{*3}
	Rear	63.7 in. (1619 mm) ^{*2} 63.3 in. (1609 mm) ^{*3}

Vehicle capacity weight (Occupants + luggage)	900 lb. (410 kg)
Trailer Weight Rating (Trailer weight + cargo weight)	1500 lb. (680 kg) ^{*4} 3500 lb. (1590 kg) ^{*5}

^{*1}: Unladen vehicle

^{*2}: Vehicles without 235/55R19 tires

^{*3}: Vehicles with 235/55R19 tires

^{*4}: Vehicles without towing package

^{*5}: Vehicles with towing package

Seating capacity

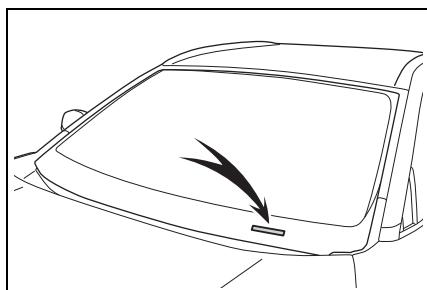
Seating capacity	5 (Front 2, Rear 3)
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Vehicle identification

■ Vehicle identification number

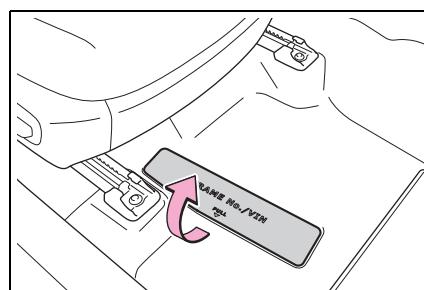
The vehicle identification number (VIN) is the legal identifier for your vehicle. This is the primary identification number for your Toyota. It is used in registering the ownership of your vehicle.

This number is stamped on the top left of the instrument panel.

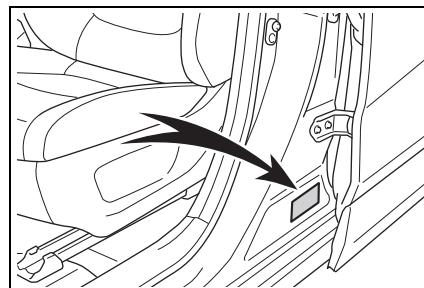


On some models, this number is

also stamped under the right-hand front seat.



This number is also on the Certification Regulation Label.



678 9-1. Specifications

■ Engine number

The engine number is stamped on the engine block as shown.



Engine

Model	A25A-FKS
Type	4-cylinder in line, 4-cycle, gasoline
Bore and stroke	3.44 × 4.07 in. (87.50 × 103.48 mm)
Displacement	151.8 cu. in. (2487 cm ³)
Valve clearance	Automatic adjustment
Drive belt tension	Automatic adjustment

Fuel

Fuel type	Unleaded gasoline only
Octane Rating	87 (Research Octane Number 91) or higher
Fuel tank capacity (Reference)	14.5 gal. (55 L, 12.1 Imp.gal.)

Lubrication system

■ Oil capacity (Drain and refill — reference*)

With filter	4.8 qt. (4.5 L, 4.0 Imp. qt.)
Without filter	4.4 qt. (4.2 L, 3.7 Imp. qt.)

* : The engine oil capacity is a reference quantity to be used when changing the engine oil. Warm up and turn off the engine, wait more than 5 minutes, and check the oil level on the dipstick.

■ Engine oil selection

“Toyota Genuine Motor Oil” is

used in your Toyota vehicle.

Use Toyota approved “Toyota

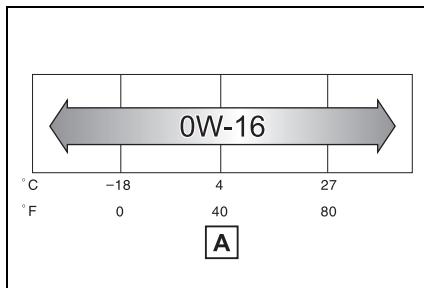
Genuine Motor Oil" or equivalent to satisfy the following grade and viscosity.

Oil grade:
API SN/RC multigrade engine oil

Recommended viscosity:
SAE 0W-16

SAE 0W-16 is the best choice for good fuel economy and good starting in cold weather.

If SAE 0W-16 is not available, SAE 0W-20 oil may be used. However, it must be replaced with SAE 0W-16 at the next oil change.



A Outside temperature

Oil viscosity (0W-16 is explained here as an example):

- The 0W in 0W-16 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 16 in 0W-16 indicates the viscosity characteristic of the oil when the oil is at high temperature. An oil with a higher

viscosity (one with a higher value) may be better suited if the vehicle is operated at high speeds, or under extreme load conditions.

How to read oil container label:

API registered mark is added to some oil containers to help you select the oil you should use.



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Cooling system

Capacity*	Without engine oil cooler	7.3 qt. (6.9 L, 6.1 Imp. qt.)
	With engine oil cooler	7.4 qt. (7.0 L, 6.2 Imp. qt.)
Coolant type		<p>Use either of the following:</p> <ul style="list-style-type: none"> • "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 <p>Do not use plain water alone.</p>

*: The coolant capacity is the quantity of reference.
If replacement is necessary, contact your Toyota dealer.

Ignition system (spark plug)

Make	DENSO FC16HR-Q8
Gap	0.031 in. (0.8 mm)



■ Iridium-tipped spark plugs

Use only iridium-tipped spark plugs. Do not adjust the spark plug gap.

Electrical system (battery)

Specific voltage reading at 68°F (20°C):	<p>12.3 V or higher (Turn the engine switch to OFF and turn on the high beam headlights for 30 seconds.) If the voltage is lower than the standard value, charge the battery.</p>	
Charging rates	Quick charge	15 A max.
	Slow charge	5 A max.

Automatic transmission

Fluid capacity*	7.8 qt. (7.4 L, 6.5 Imp.qt.)
Fluid type	Toyota Genuine ATF WS

*: The fluid capacity is the quantity of reference.
If replacement is necessary, contact your Toyota dealer.

**■ Automatic transmission fluid type**

Using transmission fluid other than the above type may cause abnormal noise or vibration, or damage the transmission of your vehicle.

Transfer (Dynamic Torque Control AWD vehicle)

Oil capacity	0.48 qt. (0.45 L, 0.40 Imp.qt.)
Oil type and viscosity	Toyota Genuine Differential Gear Oil LX 75W-85 GL-5 or equivalent

Your Toyota vehicle is filled with "Toyota Genuine Differential Gear Oil" at the factory.

Use Toyota approved "Toyota Genuine Differential Gear Oil" or an equivalent of matching quality to satisfy the above specification.
Please contact your Toyota dealer for further details.

Transfer (Dynamic Torque Vectoring AWD vehicle)

Oil capacity	0.41 qt. (0.39 L, 0.34 Imp.qt.)
Oil type	Toyota Genuine Differential Gear Oil LX

**■ Transfer oil type precaution**

Using transfer oil other than the specified oil may cause abnormal noise or vibration, or damage the transfer of your vehicle.

Rear differential (Dynamic Torque Control AWD vehicle)

Oil capacity	0.5 qt. (0.5 L, 0.4 Imp.qt.)
Oil type and viscosity	Toyota Genuine Differential Gear Oil LX 75W-85 GL-5 or equivalent

Your Toyota vehicle is filled with "Toyota Genuine Differential Gear Oil" at the factory.

Use Toyota approved "Toyota Genuine Differential Gear Oil" or an equivalent of matching quality to satisfy the above specification.
Please contact your Toyota dealer for further details.

Rear differential (Dynamic Torque Vectoring AWD vehicle)

Oil capacity	0.56 qt. (0.53 L, 0.47 Imp.qt.)
Oil type	Toyota Genuine Differential Gear Oil LX

**NOTICE****Differential gear oil type precaution**

Using differential gear oil other than the specified oil may cause abnormal noise or vibration, or damage the differential gear of your vehicle.

Brakes

Pedal clearance*	5.1 in. (129 mm) Min.
Pedal free play	0.04 — 0.24 in. (1.0 — 6.0 mm)
Brake pad wear limit	0.04 in. (1.0 mm)
Fluid type	FMVSS No.116 DOT 3 or SAE J1703 FMVSS No.116 DOT 4 or SAE J1704

*: Minimum pedal clearance when depressed with a force of 300 N (30.5 kgf, 67.4 lbf) while the engine is running.

Steering

Free play	Less than 1.2 in. (30 mm)
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Tires and wheels

► Vehicles with 17-inch wheels (type A)

Tire size	225/65R17 102H, T165/80R17 104M (spare)
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 35 psi (240 kPa, 2.4 kgf/cm ² or bar) Rear: 35 psi (240 kPa, 2.4 kgf/cm ² or bar) Spare: 60 psi (420 kPa, 4.2 kgf/cm ² or bar)
Wheel size	17 × 7J, 17 × 4T (spare)
Wheel nut torque	76 ft•lbf (103 N•m, 10.5 kgf•m)

► Vehicles with 17-inch wheels (type B)

Tire size	225/65R17 102H, T165/80R17 104M (spare)
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 36 psi (250 kPa, 2.5 kgf/cm ² or bar) Rear: 36 psi (250 kPa, 2.5 kgf/cm ² or bar) Spare: 60 psi (420 kPa, 4.2 kgf/cm ² or bar)
Wheel size	17 × 7J, 17 × 4T (spare)
Wheel nut torque	76 ft•lbf (103 N•m, 10.5 kgf•m)

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► Vehicles with 17-inch wheels (type C)

Tire size	225/65R17 102H, T165/80D17 104M (spare)
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 33 psi (230 kPa, 2.3 kgf/cm ² or bar) Rear: 33 psi (230 kPa, 2.3 kgf/cm ² or bar) Spare: 60 psi (420 kPa, 4.2 kgf/cm ² or bar)
Wheel size	17 × 7J, 17 × 4T (spare)
Wheel nut torque	76 ft•lbf (103 N•m, 10.5 kgf•m)

► Vehicles with 17-inch wheels (type D)

Tire size	225/65R17 102H, T165/80D17 104M (spare)
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 35 psi (240 kPa, 2.4 kgf/cm ² or bar) Rear: 35 psi (240 kPa, 2.4 kgf/cm ² or bar) Spare: 60 psi (420 kPa, 4.2 kgf/cm ² or bar)
Wheel size	17 × 7J, 17 × 4T (spare)
Wheel nut torque	76 ft•lbf (103 N•m, 10.5 kgf•m)

► Vehicles with 17-inch wheels (type E)

Tire size	225/65R17 102H, T165/80D17 104M (spare)
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 36 psi (250 kPa, 2.5 kgf/cm ² or bar) Rear: 36 psi (250 kPa, 2.5 kgf/cm ² or bar) Spare: 60 psi (420 kPa, 4.2 kgf/cm ² or bar)
Wheel size	17 × 7J, 17 × 4T (spare)
Wheel nut torque	76 ft•lbf (103 N•m, 10.5 kgf•m)

► Vehicles with 18-inch wheels

Tire size	225/60R18 100H, T165/80D17 104M (spare)
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 33 psi (230 kPa, 2.3 kgf/cm ² or bar) Rear: 33 psi (230 kPa, 2.3 kgf/cm ² or bar) Spare: 60 psi (420 kPa, 4.2 kgf/cm ² or bar)
Wheel size	18 × 7J, 18 × 4T (spare)
Wheel nut torque	76 ft•lbf (103 N•m, 10.5 kgf•m)

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► Vehicles with 19-inch wheels (type A)

Tire size	235/55R19 101V, T165/90D18 107M (spare)
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 33 psi (230 kPa, 2.3 kgf/cm ² or bar) Rear: 33 psi (230 kPa, 2.3 kgf/cm ² or bar) Spare: 60 psi (420 kPa, 4.2 kgf/cm ² or bar)
Wheel size	19 × 7 1/2J, 18 × 4T (spare)
Wheel nut torque	76 ft•lbf (103 N•m, 10.5 kgf•m)

► Vehicles with 19-inch wheels (type B)

Tire size	235/55R19 101V, T165/90D18 107M (spare)
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 35 psi (240 kPa, 2.4 kgf/cm ² or bar) Rear: 35 psi (240 kPa, 2.4 kgf/cm ² or bar) Spare: 60 psi (420 kPa, 4.2 kgf/cm ² or bar)
Wheel size	19 × 7 1/2J, 18 × 4T (spare)
Wheel nut torque	76 ft•lbf (103 N•m, 10.5 kgf•m)

Light bulbs

Light bulbs		Bulb No.	W	Type
Exterior	Front side marker lights	W5W	5	A
	Fog lights*	—	19	B
	Front turn signal/parking lights (bulb type)	7444NA	28/8	C
	Rear turn signal lights	WY21W	21	C
	Back-up lights	W16W	16	A
	Outer foot lights*	—	5	A
Interior	Vanity lights	—	8	A
	Front interior lights/personal lights	—	5	A
	Rear interior light	—	8	D
	Luggage compartment light	—	5	A

A: Wedge base bulbs (clear)

B: H16 halogen bulbs

C: Wedge base bulbs (amber)

D: Double end bulbs (clear)

*: If equipped

Fuel information

You must only use unleaded gasoline in your vehicle.

Select octane rating 87 (Research Octane Number 91) or higher. Use of unleaded gasoline with an octane rating lower than 87 may result in engine knocking. Persistent knocking can lead to engine damage.

At minimum, the gasoline you use should meet the specifications of ASTM D4814 in the U.S.A..

Gasoline quality

In very few cases, driveability problems may be caused by the brand of gasoline you are using. If driveability problems persist, try changing the brand of gasoline. If this does not correct the problem, consult your Toyota dealer.

Recommendation of the use of gasoline containing detergent additives

- Toyota recommends the use of gasoline that contains detergent additives to avoid the build-up of engine deposits.
- All gasoline sold in the U.S.A. contains minimum detergent additives to clean and/or keep clean intake systems, per EPA's lowest additives concentration program.
- Toyota strongly recommends the use of Top Tier Detergent Gasoline. For more information on Top Tier Detergent Gasoline and a list of marketers, please go to the official website www.toptiergas.com.

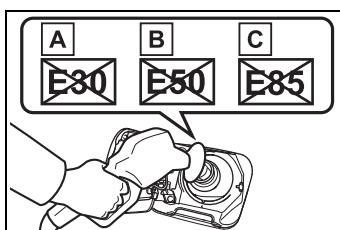
■ Recommendation of the use of low emissions gasoline

Gasolines containing oxygenates such as ethers and ethanol, as well as reformulated gasolines, are available in some cities. These fuels are typically acceptable for use, providing they meet other fuel requirements.

Toyota recommends these fuels, since the formulations allow for reduced vehicle emissions.

■ Non-recommendation of the use of blended gasoline

- Use only gasoline containing up to 15% ethanol. DO NOT use any flex-fuel or gasoline that could contain more than 15% ethanol, including from any pump labeled E30 (30% ethanol **A**), E50 (50% ethanol **B**), E85 (85% ethanol **C**) (which are only some examples of fuel containing more than 15% ethanol).



- If you use gasohol in your vehicle, be sure that it has an octane rating no lower than 87.

- Toyota does not recommend the use of gasoline containing methanol.

■ Non-recommendation of the use of gasoline containing MMT

Some gasoline contains an octane enhancing additive called MMT (Methylcyclopentadienyl Manganese Tricarbonyl).

Toyota does not recommend the use of gasoline that contains MMT. If fuel containing MMT is used, your

emission control system may be adversely affected.

The malfunction indicator lamp on the instrument cluster may come on. If this happens, contact your Toyota dealer for service.

■ If your engine knocks

- Consult your Toyota dealer.
- You may occasionally notice light knocking for a short time while accelerating or driving uphill. This is normal and there is no need for concern.



NOTICE

■ Notice on fuel quality

- Do not use improper fuels. If improper fuels are used, the engine will be damaged.
- Do not use leaded gasoline. Leaded gasoline can cause damage to your vehicle's three-way catalytic converters causing the emission control system to malfunction.
- Do not use gasohol other than the type previously stated. Other gasohol may cause fuel system damage or vehicle performance problems.
- Using unleaded gasoline with an octane number or rating lower than the level previously stated will cause persistent heavy knocking. At worst, this will lead to engine damage.

■ Fuel-related poor driveability

If poor driveability (poor hot starting, vaporization, engine knocking, etc.) is encountered after using a different type of fuel, discontinue the use of that type of fuel.

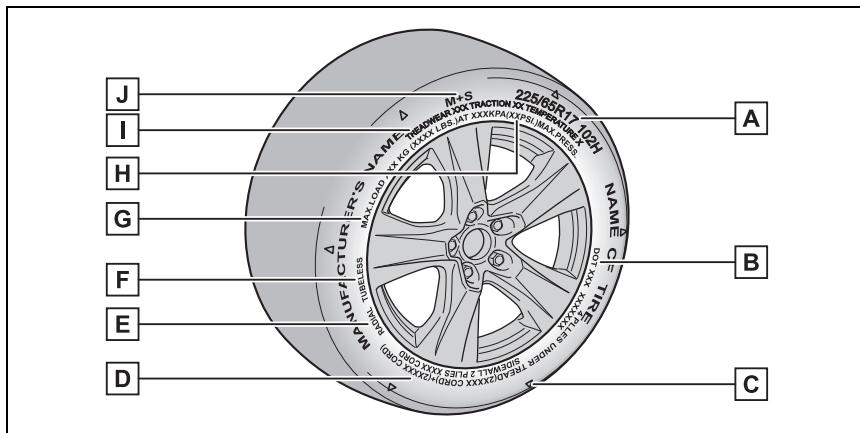
■ When refueling with gasohol

Take care not to spill gasohol. It can damage your vehicle's paint.

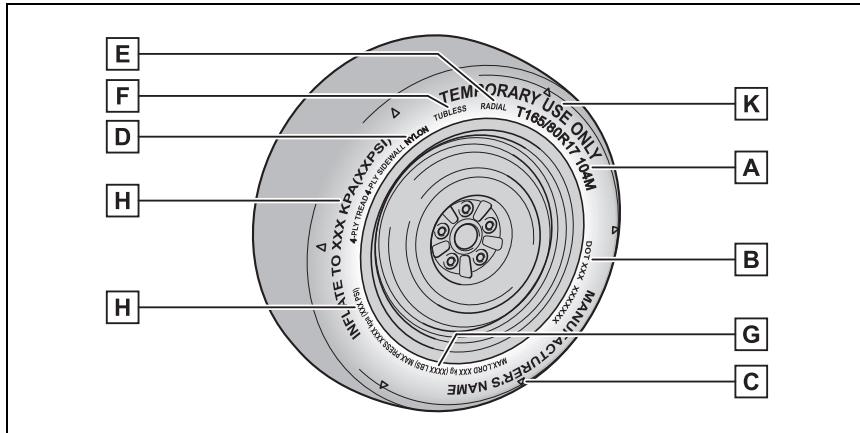
Tire information

Typical tire symbols

► Full-size tire



► Compact spare tire



[A] Tire size (→P.692)

[B] DOT and Tire Identification Number (TIN) (→P.691)

[C] Location of treadwear indicators (→P.589)

[D] Tire ply composition and materials

Plies are layers of rubber-coated parallel cords. Cords are the strands which form the plies in a tire.

[E] Radial tires or bias-ply tires

A radial tire has “RADIAL” on the sidewall. A tire not marked “RADIAL” is a bias-ply tire.

[F] TUBELESS or TUBE TYPE

A tubeless tire does not have a tube and air is directly put into the tire. A tube type tire has a tube inside the tire and the tube maintains the air pressure.

[G] Load limit at maximum cold tire inflation pressure (→P.694)**[H] Maximum cold tire inflation pressure (→P.682)**

This means the pressure to which a tire may be inflated.

[I] Uniform tire quality grading

For details, see “Uniform Tire Quality Grading” that follows.

[J] Summer tires or all season tires (→P.590)

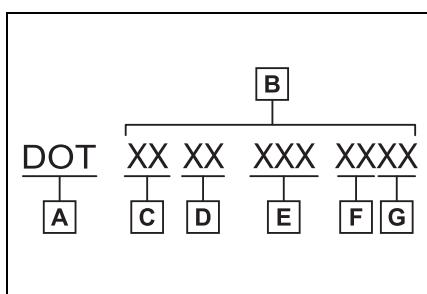
An all season tire has “M+S” on the sidewall. A tire not marked “M+S” is a summer tire.

[K] “TEMPORARY USE ONLY”

A compact spare tire is identified by the phrase “TEMPORARY USE ONLY” molded on its sidewall. This tire is designed for temporary emergency use only.

Typical DOT and Tire Identification Number (TIN)

► Type A



[A] DOT symbol*

[B] Tire Identification Number (TIN)

[C] Tire manufacturer's identification mark

[D] Tire size code

[E] Manufacturer's optional tire type code (3 or 4 letters)

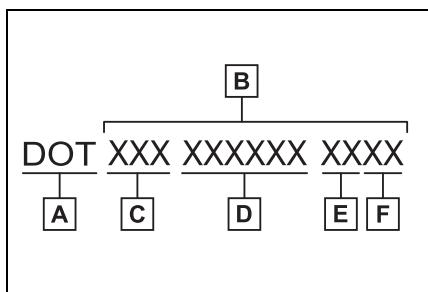
[F] Manufacturing week

[G] Manufacturing year

*: The DOT symbol certifies that the tire conforms to applicable Federal Motor Vehicle Safety Standards.

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► Type B



A DOT symbol*

B Tire Identification Number (TIN)

C Tire manufacturer's identification mark

D Manufacturer's code

E Manufacturing week

F Manufacturing year

*: The DOT symbol certifies that the tire conforms to applicable Federal Motor Vehicle Safety Standards.

(P = Passenger car,
T = Temporary use)

B Section width (millimeters)

C Aspect ratio
(tire height to section width)

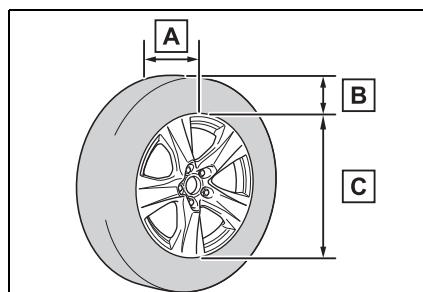
D Tire construction code
(R = Radial, D = Diagonal)

E Wheel diameter (inches)

F Load index (2 digits or 3 digits)

G Speed symbol (alphabet with one letter)

■ Tire dimensions



A Section width

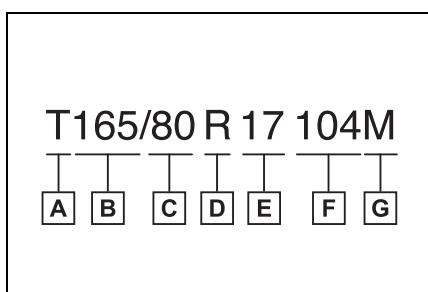
B Tire height

C Wheel diameter

Tire size

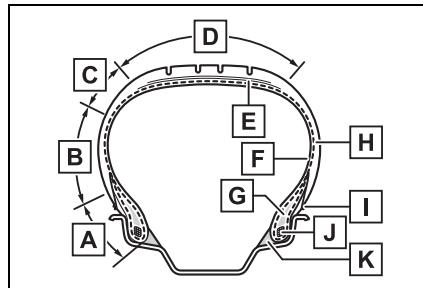
■ Typical tire size information

The illustration indicates typical tire size.



A Tire use

Tire section names



- A** Bead
- B** Sidewall
- C** Shoulder
- D** Tread
- E** Belt
- F** Inner liner
- G** Reinforcing rubber
- H** Carcass
- I** Rim lines
- J** Bead wires
- K** Chafer

Uniform Tire Quality Grading

This information has been prepared in accordance with regulations issued by the National Highway Traffic Safety Administration of the U.S. Department of Transportation.

It provides the purchasers and/or prospective purchasers of Toyota vehicles with information on uniform tire quality grading.

Your Toyota dealer will help answer any questions you may have as you read this information.

■ DOT quality grades

All passenger vehicle tires must conform to Federal Safety Requirements in addition to these grades. Quality grades can be found where applicable

on the tire sidewall between tread shoulder and maximum section width.

For example: Treadwear 200 Traction AA Temperature A

■ Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course.

For example, a tire graded 150 would wear one and a half (1 - 1/2) times as well on the government course as a tire graded 100.

The relative performance of tires depends upon the actual conditions of their use. Performance may differ significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

■ Traction AA, A, B, C

The traction grades, from highest to lowest, are AA, A, B and C, and they represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete.

A tire marked C may have poor traction performance.

Warning: The traction grade assigned to this tire is based on braking (straight ahead) traction tests and does not include cornering (turning) traction.

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■ Temperature A, B, C

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure.

Grade C corresponds to a level of

performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109.

Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Warning: The temperature grades of a tire assume that it is properly inflated and not overloaded.

Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

Glossary of tire terminology

Tire related term	Meaning
Cold tire inflation pressure	Tire pressure when the vehicle has been parked for three hours or more, or has not been driven more than 1 mile or 1.5 km under that condition
Maximum inflation pressure	The maximum cold inflated pressure to which a tire may be inflated, shown on the sidewall of the tire
Recommended inflation pressure	Cold tire inflation pressure recommended by a manufacturer
Accessory weight	The combined weight (in excess of those standard items which may be replaced) of transmission, power steering, power brakes, power windows, power seats, radio and heater, to the extent that these items are available as factory-installed equipment (whether installed or not)
Curb weight	The weight of a motor vehicle with standard equipment, including the maximum capacity of fuel, oil and coolant, and if so equipped, air conditioning and additional weight optional engine

Tire related term	Meaning
Maximum loaded vehicle weight	The sum of: (a) Curb weight (b) Accessory weight (c) Vehicle capacity weight (d) Production options weight
Normal occupant weight	150 lb. (68 kg) times the number of occupants specified in the second column of Table 1 [*] that follows
Occupant distribution	Distribution of occupants in a vehicle as specified in the third column of Table 1 [*] below
Production options weight	The combined weight of installed regular production options weighing over 5 lb. (2.3 kg) in excess of the standard items which they replace, not previously considered in curb weight or accessory weight, including heavy duty brakes, ride levelers, roof rack, heavy duty battery, and special trim
Rim	A metal support for a tire or a tire and tube assembly upon which the tire beads are seated
Rim diameter (Wheel diameter)	Nominal diameter of the bead seat
Rim size designation	Rim diameter and width
Rim type designation	The industry manufacturer's designation for a rim by style or code
Rim width	Nominal distance between rim flanges
Vehicle capacity weight (Total load capacity)	The rated cargo and luggage load plus 150 lb. (68 kg) times the vehicle's designated seating capacity
Vehicle maximum load on the tire	The load on an individual tire that is determined by distributing to each axle its share of the maximum loaded vehicle weight, and dividing by two
Vehicle normal load on the tire	The load on an individual tire that is determined by distributing to each axle its share of curb weight, accessory weight, and normal occupant weight (distributed in accordance with Table 1 [*] below), and dividing by two

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Tire related term	Meaning
Weather side	The surface area of the rim not covered by the inflated tire
Bead	The part of the tire that is made of steel wires, wrapped or reinforced by ply cords and that is shaped to fit the rim
Bead separation	A breakdown of the bond between components in the bead
Bias ply tire	A pneumatic tire in which the ply cords that extend to the beads are laid at alternate angles substantially less than 90 degrees to the centerline of the tread
Carcass	The tire structure, except tread and sidewall rubber which, when inflated, bears the load
Chunking	The breaking away of pieces of the tread or sidewall
Cord	The strands forming the plies in the tire
Cord separation	The parting of cords from adjacent rubber compounds
Cracking	Any parting within the tread, sidewall, or inner-liner of the tire extending to cord material
CT	A pneumatic tire with an inverted flange tire and rim system in which the rim is designed with rim flanges pointed radially inward and the tire is designed to fit on the underside of the rim in a manner that encloses the rim flanges inside the air cavity of the tire
Extra load tire	A tire designed to operate at higher loads and at higher inflation pressures than the corresponding standard tire
Groove	The space between two adjacent tread ribs
Innerliner	The layer(s) forming the inside surface of a tubeless tire that contains the inflating medium within the tire
Innerliner separation	The parting of the innerliner from cord material in the carcass

Tire related term	Meaning
Intended outboard sidewall	(a)The sidewall that contains a whitewall, bears white lettering, or bears manufacturer, brand, and/or model name molding that is higher or deeper than the same molding on the other sidewall of the tire, or (b)The outward facing sidewall of an asymmetrical tire that has a particular side that must always face outward when mounted on a vehicle
Light truck (LT) tire	A tire designated by its manufacturer as primarily intended for use on lightweight trucks or multipurpose passenger vehicles
Load rating	The maximum load that a tire is rated to carry for a given inflation pressure
Maximum load rating	The load rating for a tire at the maximum permissible inflation pressure for that tire
Maximum permissible inflation pressure	The maximum cold inflation pressure to which a tire may be inflated
Measuring rim	The rim on which a tire is fitted for physical dimension requirements
Open splice	Any parting at any junction of tread, sidewall, or innerliner that extends to cord material
Outer diameter	The overall diameter of an inflated new tire
Overall width	The linear distance between the exteriors of the sidewalls of an inflated tire, including elevations due to labeling, decorations, or protective bands or ribs
Passenger car tire	A tire intended for use on passenger cars, multipurpose passenger vehicles, and trucks, that have a gross vehicle weight rating (GVWR) of 10,000 lb. or less.
Ply	A layer of rubber-coated parallel cords
Ply separation	A parting of rubber compound between adjacent plies

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Tire related term	Meaning
Pneumatic tire	A mechanical device made of rubber, chemicals, fabric and steel or other materials, that, when mounted on an automotive wheel, provides the traction and contains the gas or fluid that sustains the load
Radial ply tire	A pneumatic tire in which the ply cords that extend to the beads are laid at substantially 90 degrees to the centerline of the tread
Reinforced tire	A tire designed to operate at higher loads and at higher inflation pressures than the corresponding standard tire
Section width	The linear distance between the exteriors of the sidewalls of an inflated tire, excluding elevations due to labeling, decoration, or protective bands
Sidewall	That portion of a tire between the tread and bead
Sidewall separation	The parting of the rubber compound from the cord material in the sidewall
Snow tire	A tire that attains a traction index equal to or greater than 110, compared to the ASTM E-1136 Standard Reference Test Tire, when using the snow traction test as described in ASTM F-1805-00, Standard Test Method for Single Wheel Driving Traction in a Straight Line on Snow-and Ice-Covered Surfaces, and which is marked with an Alpine Symbol () on at least one sidewall
Test rim	The rim on which a tire is fitted for testing, and may be any rim listed as appropriate for use with that tire
Tread	That portion of a tire that comes into contact with the road
Tread rib	A tread section running circumferentially around a tire
Tread separation	Pulling away of the tread from the tire carcass

Tire related term	Meaning
Treadwear indicators (TWI)	The projections within the principal grooves designed to give a visual indication of the degrees of wear of the tread
Wheel-holding fixture	The fixture used to hold the wheel and tire assembly securely during testing

*: Table 1 — Occupant loading and distribution for vehicle normal load for various designated seating capacities

Designated seating capacity, Number of occupants	Vehicle normal load, Number of occupants	Occupant distribution in a normally loaded vehicle
2 through 4	2	2 in front
5 through 10	3	2 in front, 1 in second seat
11 through 15	5	2 in front, 1 in second seat, 1 in third seat, 1 in fourth seat
16 through 20	7	2 in front, 2 in second seat, 2 in third seat, 1 in fourth seat

Customizable features

Your vehicle includes a variety of electronic features that can be personalized to suit your preferences. The settings of these features can be changed using the multi-information display, navigation/multimedia system, or at your Toyota dealer.

Customizing vehicle features

■ Changing using the navigation/multimedia system

- 1 Press the “MENU” button.
- 2 Select “Setup” on the menu screen and select “Vehicle”.
- 3 Select “Vehicle Customization”.

Various setting can be changed. Refer to the list of settings that can be changed for details.

■ Changing using the multi-information display

- 1 Press or of the meter control switches and select .
- 2 Press or of the meter control switches, select the item.
- 3 To switch the function on and off, press to switch to the desired setting.

- 4 To perform detailed setting of functions that support detailed settings, press and hold and display the setting screen.

The method of performing detailed setting differs for each screen. Please refer to the advice sentence displayed on the screen.

To go back to the previous screen or exit the customize mode, press .

■ When customizing using the navigation/multimedia system or multi-information display

Stop the vehicle in a safe place, apply the parking brake, and shift the shift lever to P. Also, to prevent battery discharge, leave the engine running while customizing the features.

WARNING

■ During customization

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

NOTICE

■ During customization

To prevent battery discharge, ensure that the engine is running while customizing features.

Customizable Features

Some function settings are changed simultaneously with other functions being customized. Contact your Toyota dealer for further details.

- A** Vehicles with navigation system or multimedia system: Settings that can be changed using the navigation system or multimedia system
- B** Settings that can be changed using the multi-information display
- C** Settings that can be changed by your Toyota dealer

Definition of symbols: O = Available, – =Not available

■ Alarm*¹ (→P.73)

Function	Default setting	Customized setting	A	B	C
Activates the alarm when the doors are unlocked using the mechanical key	Off	On	–	–	O

*: For vehicles sold in Canada

■ Gauges, meters and multi-information display (→P.82, 85, 89)

Function ^{*1}	Default setting	Customized setting	A	B	C
Language ^{*2}	“English” (English)	“Français canadien” (Canadian French)	O	O	–
		“Español mexicano” (Mexican Spanish)			
Units ^{*2}	miles (MPG US)	km (km/L)	O	O	–
		km (L/100 km)			
		miles (MPG Imperial)			
Speedometer display ^{*3}	Analog	Digital	–	O	–
Eco Driving Indicator Light	On	Off	–	O	–

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Function ^{*1}	Default setting	Customized setting	[A]	[B]	[C]
“Fuel Economy”	“Total Average”	“Trip Average”	—	O	—
		“Tank Average”			
Audio system linked display	On	Off	—	O	—
AWD system display ^{*4}	On	Off	—	O	—
Drive information type	Trip	Total	—	O	—
Drive information items (first item)	Distance	Average Speed	—	O	—
		Total Time			
Drive information items (second item)	Total Time	Average Speed	—	O	—
		Distance			
Pop-up display	On	Off	—	O	—
Multi-Information display off	Off	On	—	O	—
Suggestion function	On	On (when the vehicle is stopped)	O	—	O
		Off			

^{*1}: For details about each function: →P.94

^{*2}: The default setting varies according to country.

^{*3}: Vehicles with 7-inch display only

^{*4}: AWD models

■ Door lock (→P.109, 664)

Function	Default setting	Customized setting	[A]	[B]	[C]
Unlocking using a key	Driver's door unlocked in first step, all doors unlocked in second step	All doors unlocked in first step	—	—	O

Function	Default setting	Customized setting	A	B	C
Automatic door locking function	Shift position linked door locking operation	Off	O	-	O
		Speed linked door locking operation			
Automatic door unlocking function	Shift position linked door unlocking operation	Off	O	-	O
		Driver's door linked door unlocking operation			

■ Smart key system* and wireless remote control (→P.104, 129)

Function	Default setting	Customized setting	A	B	C
Operation signal (emergency flashers)	On	Off	O	-	O
Operation buzzer volume	5	Off	O	-	O
		1 to 7			
Time elapsed before the automatic door lock function is activated if a door is not opened after being unlocked	60 seconds	Off	O	-	O
		30 seconds			
		120 seconds			
Open door reminder buzzer (When locking the vehicle)	On	Off	-	-	O

*: If equipped

■ Smart key system*¹ (→P.129)

Function	Default setting	Customized setting	A	B	C
Smart key system	On	Off	-	-	O
Smart door unlocking	Driver's door	All the doors	O	-	O
Number of consecutive door lock operations	2 times	As many as desired	-	-	O

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Function	Default setting	Customized setting	A	B	C
Time elapsed before unlocking all the door when gripping and holding the driver's door handle ^{*2}	2 seconds	Off	—	—	O
		1.5 seconds			
		2.5 seconds			

^{*1}: If equipped

^{*2}: This setting can be changed when the smart door unlocking setting is set to "Driver's door".

■ Wireless remote control (→P.104)

Function	Default setting	Customized setting	A	B	C
Wireless remote control	On	Off	—	—	O
Unlocking operation	Driver's door unlocked in first step, all doors unlocked in second step	All doors unlocked in first step	O	—	O
Theft deterrent panic mode	On	Off	—	—	O
Locking operation when door opened	On	Off	O	—	O
The function that activates the  switch of the wireless remote control when locking the door* (→P.119)	On (Unlocking all the door)	Off On (Unlocking back door only)	—	—	O

*: If equipped

■ Power back door^{*1} (→P.119)

Function	Default setting	Customized setting	A	B	C
Power back door operations	On	Off	—	O	—
Back door opener switch operations	Press and hold	One short press	—	—	O

Function	Default setting	Customized setting	[A]	[B]	[C]
 switch of the wireless remote control operation	Press and hold	One short press	—	—	O
		Push twice			
		Off			
Operation buzzer volume	3	1	—	O	—
		2			
Operation buzzer while the back door is operating ^{*2}	Off	On	—	—	O
Opening angle	5	1 to 4	—	O	—
		User setting ^{*3}			
Power back door open operation when the back door opener switch is pressed	On	Off	—	—	O
Back door closing assist	On	Off	—	—	O
Hands Free Power Back Door ^{*1, 4}	On	Off	—	O	O

^{*1}: If equipped

^{*2}: The operation buzzer that sounds when the back door begins to operate cannot be turned off.

^{*3}: The open position is set by the power back door switch. (→P.128)

^{*4}: When the towing hitch is installed, Hands Free Power Back Door does not work.

■ Driving position memory^{*} (→P.138)

Function	Default setting	Customized setting	[A]	[B]	[C]
Selection the door linking driving position memory with door unlock operation	Driver's door	All doors	—	—	O
Function to prevent contact between the head restraint and ceiling (while moving to memory location)	On	Off	—	—	O

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*: If equipped

■ Power windows, and moon roof* or panoramic moon roof* (→P.158, 161, 164)

Function	Default setting	Customized setting	A	B	C
Key linked operation (open)	Off	On	—	—	O
Key linked operation (close)	Off	On	—	—	O
Wireless remote control linked operation (open)	Off	On	—	—	O
Wireless remote control linked operation signal (buzzer)	On	Off	—	—	O
Side windows open warning function	On	Off	—	—	O
Sliding roof open warning function	On	Off	—	—	O

*: If equipped

■ Moon roof* (→P.161)

Function	Default setting	Customized setting	A	B	C
Automatic mode	On	Off	—	—	O
Opening direction when using the key linked operation	Slide	Tilt up	—	—	O
Opening direction when using the wireless remote control linked operation	Slide	Tilt up	—	—	O

*: If equipped

■ Lights (→P.211)

Function	Default setting	Customized setting	A	B	C
Daytime Running Lights*	On	Off	O	—	O
Light reminder buzzer	On	Off	—	—	O

^{*}: Except for Canada

■ Automatic light control system^{*} (→P.211)

Function	Default setting	Customized setting	[A]	[B]	[C]
Light sensor sensitivity	Standard	-2 to 2	O	-	O
Time elapsed before head-lights automatically turn off after doors are closed	30 seconds	Off	O	-	O
		60 seconds			
		90 seconds			
Windshield wiper linked headlight illumination	On	Off	-	-	O

^{*}: If equipped

■ Rear window wiper (→P.221)

Function	Default setting	Customized setting	[A]	[B]	[C]
Back door opening linked rear window wiper stop function	Off	On	-	-	O
Washer linked rear window wiper operation	On	Off	-	-	O
Shift position linked rear window wiper operation (→P.221)	Only once	Off	-	-	O
		Continuous			

■ PCS (Pre-Collision System) (→P.232)

Function	Default setting	Customized setting	[A]	[B]	[C]
PCS (Pre-Collision System)	On	Off	-	O	-
Adjust alert timing	-	Early/Middle/Late	-	O	-

■ LTA (Lane Tracing Assist) (→P.240)

Function	Customized setting	[A]	[B]	[C]
Lane centering function	On, Off	-	O	-
Alert sensitivity	High, Standard	-	O	-

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Function	Customized setting	A	B	C
Vehicle sway warning function	On, Off	—	O	—
Vehicle sway warning sensitivity	High, Standard, Low	—	O	—

■ RSA (Road Sign Assist)^{*} (→P.250)

Function	Customized setting	A	B	C
RSA (Road Sign Assist)	On/Off	—	O	—
Excess speed notification method	No notification/Display only/Display and buzzer	—	O	—
Excess speed notification level	1 mph (2 km/h)/3 mph (5 km/h)/5 mph (10km/h)	—	O	—
Other notifications method (No-entry notification)	No notification/Display only/Display and buzzer	—	O	—

^{*}: If equipped

■ BSM (Blind Spot Monitor)^{*} (→P.264)

Function	Default setting	Customized setting	A	B	C
BSM (Blind Spot Monitor)	On	Off	—	O	—
Outside rear view mirror indicator brightness	Bright	Dim	—	O	—
Alert timing for presence of approaching vehicle (sensitivity)	Intermediate	Early Late Only when vehicle detected in blind spot	—	O	—

^{*}: If equipped

■ RCTA (Rear cross traffic alert) function^{*1} (→P.264)

Function	Default setting	Customized setting	A	B	C
RCTA (Rear cross traffic alert) function	On	Off	—	O	—
Buzzer volume ^{*2}	Level 2	Level 1	—	O	—
		Level 3	—	O	—

^{*1}: If equipped

^{*2}: This setting is linked with the buzzer volume of the intuitive parking assist.

■ Intuitive parking assist^{*1} (→P.273)

Function	Default setting	Customized setting	A	B	C
Intuitive parking assist	On	Off	—	O	O
Buzzer volume ^{*2}	2	1	—	O	O
		3	—	O	O

^{*1}: If equipped

^{*2}: This setting is linked with the buzzer volume of the RCTA (Rear cross traffic alert) function.

■ PKSB (Parking Support Brake)^{*} (→P.281)

Function	Default setting	Customized setting	A	B	C
PKSB (Parking Support Brake) function	On	Off	—	O	—

^{*}: If equipped

■ Stop & Start system^{*} (→P.349)

Function	Default setting	Customized setting	A	B	C
Change the Stop & Start system duration when the A/C is on	Standard	Extended	—	O	—

^{*}: If equipped

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■ Automatic air conditioning system* ([→P.522](#))

Function	Default setting	Customized setting	A	B	C
A/C Auto switch operation	On	Off	O	—	O
Switching to the outside air mode when the vehicle is parked	On	Off	—	—	O

*: If equipped

■ Illumination ([→P.532](#))

Function	Default setting	Customized setting	A	B	C
Time elapsed before the interior lights turn off	15 seconds	Off	O	—	O
		7.5 seconds			
		30 seconds			
Operation after the engine switch is turned off	On	Off	—	—	O
Operation when the doors are unlocked	On	Off	—	—	O
Operation when you approach the vehicle with the electronic key on your person* ¹	On	Off	—	—	O
Footwell lighting* ²	On	Off	—	—	O

*¹: Vehicles with smart key system only

*²: If equipped

■ Vehicle customization

- When the speed linked door locking function and shift position linked door locking function are both on, the door lock operates as follows.
 - If the vehicle is started with all the doors locked, the speed linked door locking function would not operate.
 - If the vehicle is started with any door unlocked, the speed linked door locking function will operate.
 - When shifting the shift lever to any position other than P, all the doors will be locked.
- When the smart key system is off, the selecting door to unlock cannot be customized.

-
- When the doors remain closed after unlocking the doors and the automatic door lock function is activated, the signals will be generated in accordance with the Operation signal (buzzer) and the Operation signal (emergency flashers) settings.

Items to initialize

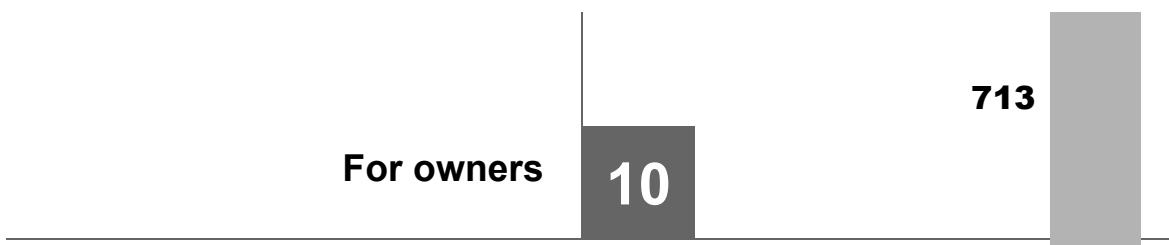
The following items must be initialized for normal system operation after such cases as the battery being reconnected, or maintenance being performed on the vehicle:

List of the items to initialize

Item	When to initialize	Reference
Power back door ^{*1}	<ul style="list-style-type: none"> • After reconnecting or changing the battery • After changing a fuse 	P.124
Intuitive parking assist ^{*1}		P.277
Parking Support Brake ^{*1}		P.285
Power windows		P.158
Moon roof ^{*1}	<ul style="list-style-type: none"> • When functioning abnormally 	P.162
Panoramic moon roof ^{*1}		P.165
Maintenance required reminder message	<ul style="list-style-type: none"> • After the maintenance is performed 	P.572
Tire pressure warning system ^{*1}	<ul style="list-style-type: none"> • When rotating the tires • When changing the tire • After registering the ID codes 	P.598
Toyota parking assist monitor ^{*1}	<ul style="list-style-type: none"> • After reconnecting or changing the battery • After changing a fuse 	P.314 P.346
Panoramic view monitor ^{*1, 2}		

^{*1}: If equipped

^{*2}: Vehicles with Audio Plus or Premium Audio, refer to "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".



10-1. For owners

- Reporting safety defects for
U.S. owners..... **714**
- Seat belt instructions for
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- SRS airbag instructions for
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French)..... **716**

10

For owners

Reporting safety defects for U.S. owners

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Toyota Motor Sales, U.S.A., Inc. (Toll-free: 1-800-331-4331).

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Toyota Motor Sales, U.S.A., Inc.

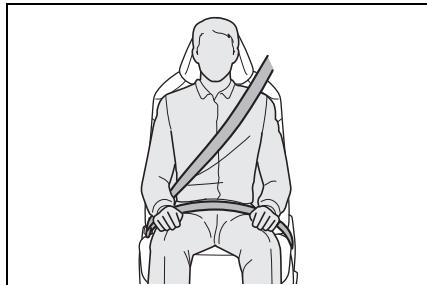
To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>; or write to: Administrator, NHTSA, 1200 New Jersey Ave. S.E., Washington, DC 20590. You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

Seat belt instructions for Canadian owners (in French)

The following is a French explanation of seat belt instructions extracted from the seat belt section in this manual.

See the seat belt section for more detailed seat belt instructions in English.

Utilisation adéquate des ceintures de sécurité



- Tirez sur la ceinture épaulière jusqu'à ce qu'elle recouvre entièrement l'épaule; elle ne doit cependant pas toucher le cou ni glisser de l'épaule.
- Placez la ceinture abdominale le plus bas possible sur les hanches.
- Réglez la position du dossier. Tenez-vous assis bien au fond du siège, le dos droit.
- Ne vrillez pas la ceinture de sécurité.

Entretien et soin

Manipulation des ceintures de sécurité

Avec un chiffon ou une éponge, nettoyez à l'aide d'un savon doux et de l'eau tiède. Vérifiez aussi les ceintures régulièrement pour vous assurer qu'elles ne présentent pas d'usure excessive, d'effilochage ou de coupures.

AVERTISSEMENT

Dommages et usure de la ceinture de sécurité

Vérifiez périodiquement le système de ceintures de sécurité. Vérifiez qu'il n'y a pas de coupures, d'effilochures ni de pièces desserrées. N'utilisez pas une ceinture de sécurité endommagée avant qu'elle ne soit remplacée. Les ceintures de sécurité endommagées ne peuvent pas protéger les occupants contre les blessures graves, voire mortelles.

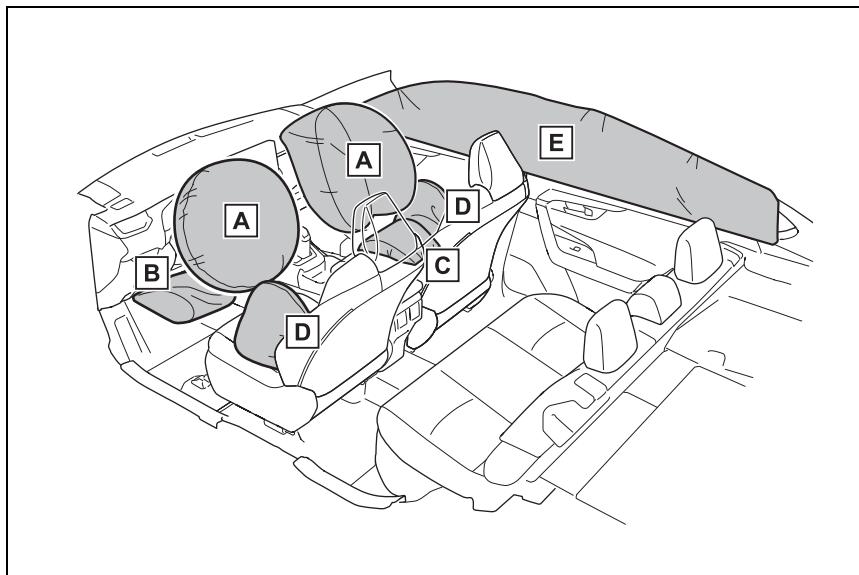
SRS airbag instructions for Canadian owners (in French)

The following is a French explanation of SRS airbag instructions extracted from the SRS airbag section in this manual.

See the SRS airbag section for more detailed SRS airbag instructions in English.

Système de coussins gonflables SRS

■ Emplacement des coussins gonflables SRS



► Coussins gonflables SRS avant

A Coussin gonflable SRS du conducteur/coussin gonflable SRS du passager avant

Peuvent aider à protéger la tête et la poitrine du conducteur et du passager avant contre les impacts avec des composants intérieurs

B Coussin gonflable SRS de protection des genoux

Peut aider à protéger le conducteur

C Coussin gonflable SRS du coussin de siège

Peut aider à retenir le passager avant

- ▶ Coussins gonflables SRS latéraux et en rideau

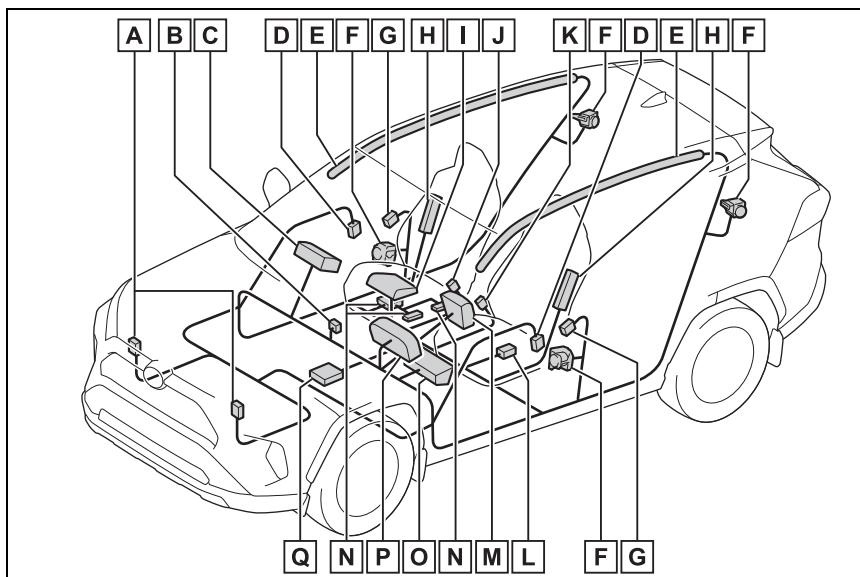
D Coussins gonflables SRS latéraux

Peuvent aider à protéger le torse des occupants des sièges avant

E Coussins gonflables SRS en rideau

- Peuvent aider à protéger principalement la tête des occupants des sièges latéraux
- Peuvent aider à empêcher les occupants d'être éjectés du véhicule en cas de tonneaux

■ Composants du système de coussins gonflables SRS



A Capteurs d'impact avant

B Voyants "AIR BAG ON" et "AIR BAG OFF"

C Coussin gonflable du passager avant

D Capteurs d'impact latéral (portière avant)

E Coussins gonflables en rideau

F Limiteurs de force et dispositifs de tension des ceintures de sécurité

G Capteurs d'impact latéral (avant)

H Coussins gonflables latéraux

I Coussin gonflable du coussin de siège

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- J Contacteur de boucle de ceinture de sécurité du passager avant
- K Contacteur de boucle de ceinture de sécurité du conducteur
- L Capteur de position du siège du conducteur
- M Coussin gonflable du conducteur
- N Système de classification de l'occupant du siège du passager avant (ECU et capteurs)
- O Coussin gonflable de protection des genoux
- P Lampe témoin SRS
- Q Module de capteur de coussin gonflable

Votre véhicule est doté de COUSSINS GONFLABLES ÉVOLUÉS dont la conception s'appuie sur les normes de sécurité des véhicules à moteur américains (FMVSS208). Le module de capteur de coussin gonflable (ECU) contrôle le déploiement des coussins gonflables en fonction des informations obtenues des capteurs et d'autres éléments affichés dans le diagramme des composants du système ci-dessus. Ces informations comprennent des données relatives à la gravité de l'accident et aux occupants. Au moment du déploiement des coussins gonflables, une réaction chimique se produit dans les gonfleurs de coussin gonflable et les coussins gonflables se remplissent rapidement d'un gaz non toxique pour aider à limiter le mouvement des occupants.



AVERTISSEMENT

■ Précautions relatives aux coussins gonflables SRS

Observez les précautions suivantes en ce qui concerne les coussins gonflables SRS.

Négliger de le faire pourrait occasionner des blessures graves, voire mortelles.

- Le conducteur et tous les passagers du véhicule doivent porter leur ceinture de sécurité de la manière appropriée. Les coussins gonflables SRS sont des dispositifs supplémentaires qui doivent être utilisés avec les ceintures de sécurité.

AVERTISSEMENT

- Le coussin gonflable SRS du conducteur se déploie avec une force considérable et peut occasionner des blessures graves, voire mortelles, notamment lorsque le conducteur se trouve très près du coussin gonflable. La National Highway Traffic Safety Administration (NHTSA), aux États-Unis, fait les recommandations suivantes :

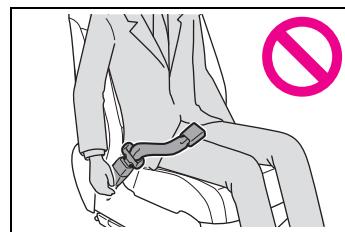
La zone à risque du coussin gonflable du conducteur couvre 2 à 3 in. (50 à 75 mm) de la zone de déploiement du coussin gonflable. Pour assurer une marge de sécurité suffisante, restez à 10 in. (250 mm) du coussin gonflable. Cette distance est mesurée depuis le centre du volant jusqu'à votre sternum. Si maintenant vous vous tenez assis à moins de 10 in. (250 mm), vous pouvez changer votre position de conduite de plusieurs manières :

- Reculez votre siège à la position maximale vous permettant d'atteindre encore aisément les pédales.
- Inclinez légèrement le dossier du siège.
Bien que les véhicules soient conçus différemment, la plupart des conducteurs peuvent maintenir une distance de 10 in. (250 mm), même si leur siège se trouve complètement vers l'avant, simplement en inclinant un peu le dossier du siège vers l'arrière. Si la visibilité avant est moindre après avoir incliné le dossier de votre siège, utilisez un coussin ferme et non glissant pour être assis plus haut ou relevez le siège si cette option est disponible sur votre véhicule.

- Si votre volant est réglable en hauteur, inclinez-le vers le bas. Cela vous permet d'orienter le coussin gonflable vers votre buste plutôt que vers votre tête et vers votre cou.

Le siège doit être réglé de la manière recommandée ci-dessus par la NHTSA, tout en gardant le contrôle des pédales et du volant, ainsi que la vue sur les commandes du tableau de bord.

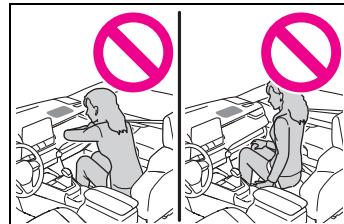
- Si la rallonge de ceinture de sécurité a été reliée à la boucle des ceintures de sécurité des sièges avant sans avoir aussi été attachée à la plaque de blocage des ceintures de sécurité, les coussins gonflables SRS avant considéreront que le conducteur et le passager avant portent tout de même leur ceinture de sécurité même si les ceintures de sécurité ne sont pas attachées. Les coussins gonflables SRS avant peuvent alors ne pas s'activer correctement lors d'une collision, ce qui pourrait occasionner des blessures graves, voire mortelles, en cas de collision. Assurez-vous de toujours porter la ceinture de sécurité avec la rallonge de ceinture de sécurité.



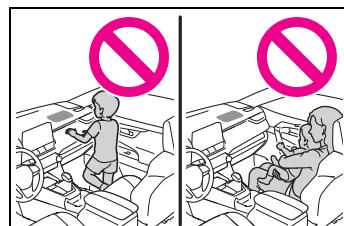
AVERTISSEMENT

- Le coussin gonflable SRS du passager avant se déploie également avec une force considérable et peut occasionner des blessures graves, voire mortelles, notamment lorsque le passager avant se trouve très près du coussin gonflable. Le siège du passager avant doit se trouver le plus loin possible du coussin gonflable et le dossier doit être réglé de manière à ce que le passager avant soit assis bien droit.
- Le déploiement d'un coussin gonflable risque d'infliger des blessures graves, voire mortelles, aux bébés et aux enfants mal assis et/ou mal attachés. Un bébé ou un enfant trop petit pour utiliser une ceinture de sécurité doit être correctement retenu à l'aide d'un dispositif de retenue pour enfants. Toyota recommande vivement de placer et d'attacher correctement tous les bébés et tous les enfants sur les sièges arrière du véhicule à l'aide de dispositifs de retenue adaptés. Les sièges arrière sont plus sécuritaires pour les bébés et les enfants que le siège du passager avant.
- N'installez jamais un dispositif de retenue pour enfants de type dos à la route sur le siège du passager avant, même si le voyant "AIR BAG OFF" est allumé. En cas d'accident, la force et la vitesse de déploiement du coussin gonflable du passager avant pourraient infliger à l'enfant des blessures graves, voire mortelles, si le dispositif de retenue pour enfants de type dos à la route était installé sur le siège du passager avant.

- Ne vous asseyez pas sur le bord du siège et ne vous appuyez pas sur la planche de bord.



- Ne laissez pas un enfant se tenir face au coussin gonflable SRS du passager avant ni s'asseoir sur les genoux d'un passager avant.



- Ne laissez pas les occupants des sièges avant tenir des objets sur leurs genoux.
- Ne vous appuyez pas sur la portière ou sur le brancard de pavillon, ni sur les montants avant, latéraux ou arrière.

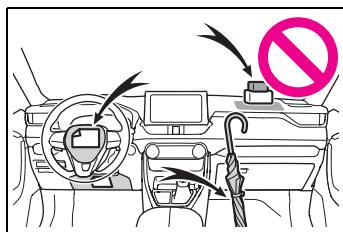


 AVERTISSEMENT

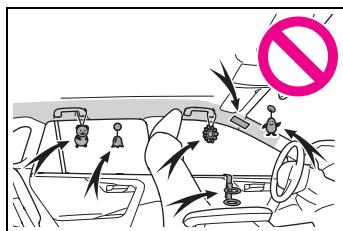
- Ne laissez personne s'agenouiller face à la portière sur le siège du passager ni sortir la tête ou les mains à l'extérieur du véhicule.



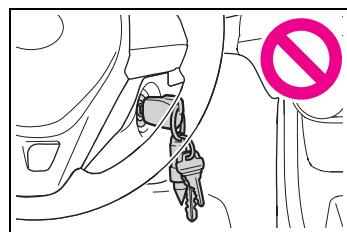
- Ne fixez et n'appuyez rien sur des zones telles que la planche de bord, le tampon de volant ou encore la partie inférieure du tableau de bord. Ces objets peuvent se transformer en projectiles lorsque les coussins gonflables SRS du conducteur, du passager avant et de protection des genoux se déploient.



- Ne fixez rien sur des zones telles que les portières, le pare-brise, les glaces latérales, les montants avant ou arrière, le brancard de pavillon et la poignée de maintien.



● Véhicules non dotés du système Smart key : N'accrochez pas d'objets lourds, pointus ou durs, par exemple des clés ou des accessoires, à la clé. Ces objets pourraient empêcher le déploiement du coussin gonflable SRS de protection des genoux ou être projetés violemment dans l'assise du siège du conducteur par la force du déploiement, et donc présenter un danger.



● N'accrochez pas de cintres ni d'autres objets rigides sur les crochets porte-vêtements. Tous ces objets pourraient se transformer en projectiles et vous occasionner des blessures graves, voire mortelles, en cas de déploiement des coussins gonflables SRS en rideau.

● Si un recouvrement de vinyle est placé sur la zone de déploiement du coussin gonflable SRS de protection des genoux, veillez à le retirer.

**AVERTISSEMENT**

- N'utilisez pas d'accessoires recouvrant les parties du siège où les coussins gonflables SRS latéraux et le coussin gonflable SRS du coussin de siège se déploient, car ces accessoires pourraient entraver le déploiement des coussins SRS. De tels accessoires peuvent empêcher les coussins gonflables SRS latéraux et le coussin gonflable SRS du coussin de siège de s'activer correctement, rendre le système inopérant ou provoquer le déploiement accidentel des coussins gonflables SRS latéraux et du coussin gonflable SRS du coussin de siège, occasionnant des blessures graves, voire mortelles.
- Ne frappez pas et n'appliquez pas une pression importante à l'emplacement des portières avant ou des composants des coussins gonflables SRS. Cela peut provoquer un mauvais fonctionnement des coussins gonflables SRS.
- Ne touchez à aucun composant des coussins gonflables SRS immédiatement après leur déploiement (gonflage), car ils pourraient être chauds.
- Si vous avez de la difficulté à respirer après le déploiement des coussins gonflables SRS, ouvrez une portière ou une glace latérale pour laisser entrer l'air frais, ou quittez le véhicule si vous pouvez le faire en toute sécurité. Dès que possible, nettoyez tous les résidus afin d'éviter les irritations cutanées.

● Si les emplacements de stockage des coussins gonflables SRS, tels que le tampon de volant et les garnitures des montants avant et arrière, sont endommagés ou fissurés, faites-les remplacer par votre concessionnaire Toyota.

● Ne placez aucun objet, par exemple un coussin, sur le siège du passager avant. Cela disperserait le poids du passager, ce qui empêcherait le capteur de le détecter correctement. Cela pourrait empêcher le déploiement des coussins gonflables SRS du passager avant en cas de collision.

■ Modification et mise au rebut des composants du système de coussins gonflables SRS

Ne mettez pas votre véhicule au rebut et n'effectuez aucune des modifications suivantes sans d'abord consulter votre concessionnaire Toyota. Les coussins gonflables SRS pourraient fonctionner de manière incorrecte ou se déployer (gonfler) accidentellement, ce qui serait susceptible d'occasionner des blessures graves, voire mortelles.

● Installation, retrait, démontage et réparation des coussins gonflables SRS

● Réparations, modifications, retrait ou remplacement du volant, du tableau de bord, de la planche de bord, des sièges ou du capitonnage des sièges, des montants avant, latéraux et arrière, des brancards de pavillon, des panneaux des portières avant, des garnitures des portières avant ou des haut-parleurs des portières avant

● Modifications du panneau de la portière avant (comme le perforez)

**AVERTISSEMENT**

- Réparations ou modifications de l'aile avant, du pare-chocs avant ou du côté de l'habitacle
- Installation d'une protection de calandre (barre safari, barre kangourou, etc.), de lames de déneigement, de treuils ou d'un porte-bagages de toit
- Modifications du système de suspension du véhicule
- Installation d'appareils électroniques tels qu'un émetteur-récepteur radio ou un lecteur de CD
- Modifications à votre véhicule pour une personne aux capacités physiques réduites

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What to do if... (Troubleshooting)

If you have a problem, check the following before contacting your Toyota dealer.

The doors cannot be locked, unlocked, opened or closed



You lose your keys

- If you lose your keys or mechanical keys, new genuine keys or mechanical keys can be made by your Toyota dealer. (→P.664)
- Vehicles with smart key system:
If you lose your electronic keys, the risk of vehicle theft increases significantly. Contact your Toyota dealer immediately. (→P.664)



The doors cannot be locked or unlocked

- Is the key battery weak or depleted? (→P.613)
- Vehicles with smart key system:
Is the engine switch in ON? When locking the doors, turn the engine switch to OFF. (→P.199)

- Vehicles with smart key system:

Is the electronic key left inside the vehicle?

When locking the doors, make sure that you have the electronic key on your person.

- The function may not operate properly due to the condition of the radio wave. (→P.105, 130)



The rear door cannot be opened

- Is the child-protector lock set?
The rear door cannot be opened from inside the vehicle when the lock is set. Open the rear door from outside and then unlock the child-protector lock. (→P.114)

If you think something is wrong



The engine does not start
(vehicles without smart key system)

- Is the shift lever in P?
(→P.195)
- Is the battery discharged?
(→P.666)



The engine does not start
(vehicles with smart key system)

- Did you press the engine

switch while firmly depressing the brake pedal?
(\rightarrow P.196)

- Is the shift lever in P?
(\rightarrow P.196)
- Is the electronic key anywhere detectable inside the vehicle? (\rightarrow P.129)
- Is the steering wheel unlocked? (\rightarrow P.197)
- Is the electronic key battery weak or depleted?
In this case, the engine can be started in a temporary way. (\rightarrow P.665)
- Is the battery discharged?
(\rightarrow P.666)



The shift lever cannot be shifted from P even if you depress the brake pedal

- Is the engine switch in ON? If you cannot release the shift lever by depressing the brake pedal with the engine switch in ON (\rightarrow P.202)



The steering wheel cannot be turned after the engine is stopped

- Vehicles without smart key system:
It is locked to prevent theft of the vehicle if the key is removed from the engine switch. (\rightarrow P.195)
- Vehicles with smart key sys-

tem:
It is locked automatically to prevent theft of the vehicle.
(\rightarrow P.197)



The windows do not open or close by operating the power window switches

- Is the window lock switch pressed?
The power window except for the one at the driver's seat cannot be operated if the window lock switch is pressed.
(\rightarrow P.160)



The engine switch is turned off automatically (vehicles with smart key system)

- The auto power off function will be operated if the vehicle is left in ACC or ON (the engine is not running) for a period of time. (\rightarrow P.200)



A warning buzzer sounds during driving

- The seat belt reminder light is flashing
Are the driver and the passengers wearing the seat belts? (\rightarrow P.645)
- The parking brake indicator is on
Is the parking brake released? (\rightarrow P.205)

Depending on the situation, other types of warning buzzer

728 What to do if... (Troubleshooting)

may also sound. (→P.638, 649)



An alarm is activated and the horn sounds (if equipped)

- Did anyone inside the vehicle open a door during setting the alarm?

The sensor detects it and the alarm sounds. (→P.73)

To stop the alarm, turn the engine switch to ON or start the engine.



The vehicle becomes stuck

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P.672)



A warning buzzer sounds when leaving the vehicle

- Is the message displayed on the multi-information display? Check the message on the multi-information display. (→P.649)



A warning light turns on or a warning message is displayed

- When a warning light turns on or a warning message is displayed, refer to P.638, 649.

When a problem has occurred



If you have a flat tire

- Stop the vehicle in a safe place and replace the flat tire with the spare tire. (→P.653)

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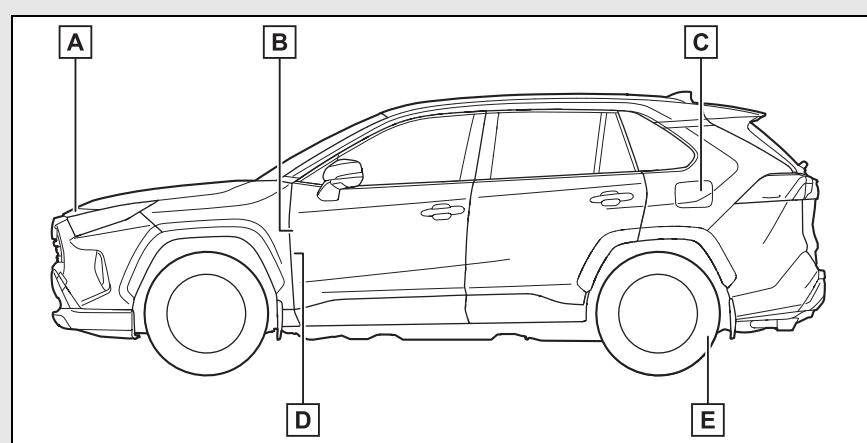
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**For vehicles with Premium
Audio with Navigation or
Audio Plus, refer to “NAVI-
GATION AND MULTIME-
DIA SYSTEM OWNER’S
MANUAL” for information
regarding the equipment
listed below.**

- Navigation system
- Audio system
- Rear view monitor system
- Toyota parking assist monitor
- Panoramic view monitor

746 **Alphabetical Index**

Alphabetical Index 747

GAS STATION INFORMATION

- A** Auxiliary catch lever (→P.579)
- B** Fuel filler door opener lever (→P.224)
- C** Fuel filler door (→P.224)
- D** Hood lock release lever (→P.579)
- E** Tire inflation pressure (→P.683)

Fuel tank capacity (Reference)	14.5 gal. (55 L, 12.1 Imp.gal.)	
Fuel type	Unleaded gasoline only	P.678
Cold tire inflation pressure		P.683
Engine oil capacity (Drain and refill —reference)		P.678
Engine oil type		P.678



WARNING: Operating, servicing and maintaining a passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

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Your Toyota dealer will provide quality maintenance and any other assistance you may require.

If there is not a Toyota dealer near you, please call the following number:

■ U.S. OWNERS

- In the U.S. mainland or Canada:
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- The U.S. mainland: www.toyota.com
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Reporting safety defects for Canadian owners

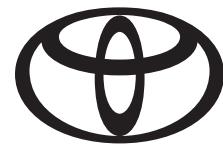
Canadian customers who wish to report a safety-related defect to Transport Canada, Defects Investigations and Recalls, may telephone the toll-free hotline 1-800-333-0510, mail Transport Canada - ASFAD, 330 Sparks Street, Ottawa, ON, K1A 0N5, or complete the online form at <https://www.tc.gc.ca/recalls>.

Signalement de défauts liés à la sécurité pour les propriétaires au Canada

Les clients du Canada souhaitant signaler un défaut lié à la sécurité à la Division des rappels et des enquêtes sur les défauts de Transports Canada peuvent téléphoner sans frais à la hotline 1-800-333-0510, adresser un courrier à Transports Canada - ASFAD, 330 rue Sparks, Ottawa, ON, K1A 0N5 ou remplir le formulaire en ligne à l'adresse <https://www.tc.gc.ca/rappels>.

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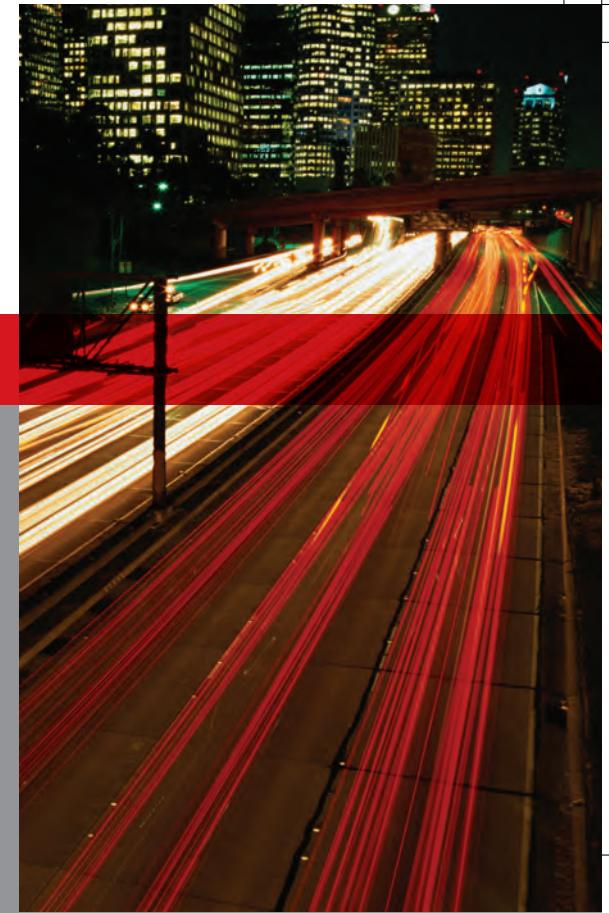
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RAV4

TOYOTA

Publication No.OM0R073U
Part No.01999-0R073
Printed in the U.S.A. 01-2105-00

TOYOTA



OWNER'S MANUAL

RAV4_OM_OM0R073U-1_(U)