

## 5-2. Steps to take in an emergency

### If a warning light turns on or a warning buzzer sounds...

**Calmly perform the following actions if any of the warning lights turn on or flash. If a light turns on or flashes, but then turns off, this does not necessarily indicate a malfunction in the system.**

**Stop the vehicle immediately. Continuing to drive the vehicle may be dangerous.**

The following warning indicates a possible problem in the brake system. Immediately stop the vehicle in a safe place and contact your Toyota dealer.

Warning light	Warning light/Details
 (U.S.A.)  (Canada)	<b>Brake system warning light and warning buzzer* (red indicator)</b> <ul style="list-style-type: none"><li>• Low brake fluid</li><li>• Malfunction in the brake system</li></ul> This light also comes on when the parking brake is not released. If the light turns off after the parking brake is fully released, the system is operating normally.

\*: Parking brake engaged warning buzzer:

A buzzer will sound if the vehicle is driven at a speed of approximately 3 mph (5 km/h) or more.

### Stop the vehicle immediately.

The following warning indicates the possibility of damage to the vehicle that may lead to an accident. Immediately stop the vehicle in a safe place and contact your Toyota dealer.

Warning light	Warning light/Details
	<p><b>Charging system warning light</b> Indicates a malfunction in the vehicle's charging system.</p>

### Have the vehicle inspected immediately.

Failing to investigate the cause of the following warnings may lead to the system operating abnormally and possibly cause an accident. Have the vehicle inspected by your Toyota dealer immediately.

Warning light	Warning light/Details
 (U.S.A.)  (Canada)	<p><b>Malfunction indicator lamp</b> Malfunction in:</p> <ul style="list-style-type: none"> <li>• The emission control system;</li> <li>• The electronic engine control system;</li> <li>• The electronic hybrid system control system; or</li> <li>• The electronic throttle control system.</li> </ul>
	<p><b>SRS warning light</b> Malfunction in:</p> <ul style="list-style-type: none"> <li>• The SRS airbag system;</li> <li>• Front passenger occupant classification system; or</li> <li>• The seat belt pretensioner system.</li> </ul>

Warning light	Warning light/Details
	<p><b>Automatic headlight leveling system warning light (if equipped)</b>                      Indicates a malfunction in the automatic headlight leveling system.</p>
<p><b>ABS</b> (U.S.A.)</p>  <p>(Canada)</p>	<p><b>ABS warning light</b>                      Malfunction in:                      • The ABS; or                      • The brake assist system.</p>
	<p><b>Brake system warning light (yellow indicator)</b>                      Malfunction in the electronically controlled brake system.</p>
	<p><b>Electric power steering system warning light</b>                      Malfunction in the EPS (Electric Power Steering).</p>
<p><b>PCS</b></p>	<p><b>Pre-collision system warning light (if equipped)</b>                      Indicates a malfunction in the pre-collision system.</p>

**Follow the correction procedures.**

After taking the specified steps to correct the suspected problem, check that the warning light turns off.

Warning light	Warning light/Details	Correction procedure
	<p><b>Open door warning light (warning buzzer)*1</b> A door or a back door is not fully closed.</p>	<p>Check that all doors and the back door are closed.</p>
	<p><b>Low fuel level warning light</b> Remaining fuel (Approximately 1.6 gal. [6.0 L, 1.3 Imp.gal.] or less)</p>	<p>Refuel the vehicle.</p>
	<p><b>Driver's seat belt reminder light (warning buzzer)*2</b> Warns the driver to fasten his/her seat belt.</p>	<p>Fasten the seat belt.</p>
 <p>(On the instrument panel)</p>	<p><b>Front passenger's seat belt reminder light (warning buzzer)*2</b> Warns the front passenger to fasten his/her seat belt.</p>	<p>Fasten the seat belt.</p>

Warning light	Warning light/Details	Correction procedure
	<b>Tire pressure warning light</b>	
	When the light comes on: Low tire inflation pressure.	Adjust the tire inflation pressure.
	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.
	<b>High coolant temperature warning light</b> Indicates high engine coolant temperature	→P. 540
	<b>Master warning light</b> A buzzer sounds and the warning light comes on and flashes to indicate that the master warning system has detected a malfunction.	→P. 500

**\*1: Open door warning buzzer:**

The open door warning buzzer sounds to alert one or more of the doors is not fully closed (with the vehicle having reached a speed of 3 mph [5 km/h]).

**\*2: Driver's and front passenger's seat belt reminder buzzer:**

The driver's and front passenger's seat belts reminder sounds to alert the driver and front passenger that his or her seat belt is not fastened. The buzzer sounds intermittently for 10 seconds after the vehicle has reached a speed of at least 12 mph (20 km/h). Then, if the seat belt is still unfastened, the buzzer will sound in a different tone for 20 more seconds.

---

**n If the malfunction indicator lamp comes on while driving**

First check whether the fuel tank cap is loose. If it is, tighten it securely.

The light will go off after taking several driving trips.

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

**n Electric power steering warning light**

When the voltage is low or drops, the electric power steering warning light may come on.

■ **SRS warning light**

This warning light system monitors the following:

- l The airbag sensor assembly
- l Front airbag sensors
- l The curtain shield airbag sensors
- l The side and curtain shield airbag sensor assemblies
- l The driver's seat position sensor
- l Driver's seat belt buckle switch
- l The front passenger occupant classification ECU
- l The pressure sensor
- l The belt tension sensor
- l "AIR BAG ON" and "AIR BAG OFF" indicator lights
- l Front passenger's seat belt buckle switch
- l The inflators
- l The warning light
- l The interconnecting wiring and power sources

■ **Open moon roof reminder buzzer**

The buzzer indicates that the moon roof is not fully closed with the hybrid system off and the driver's door opened.

**n Front passenger detection sensor and passenger seat belt reminder**

- l If luggage is placed on the front passenger seat, the front passenger detection sensor may cause the warning light to flash, even if a passenger is not sitting in the seat.
- l If a cushion is placed on the seat, the sensor may not detect a passenger, and the warning light may not operate properly.

**n When the tire pressure warning light comes on**

Check the tire inflation pressure and adjust to the appropriate level. Pushing the tire pressure warning reset switch does not turn off the tire pressure warning light.

**n The tire pressure warning light may turn on due to natural causes**

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

**n When a tire is replaced with a spare tire**

The compact spare tire is not equipped with the tire pressure warning valve and transmitter. If a tire goes flat, the tire pressure warning light will not turn off even though the flat tire is replaced with the spare tire. Replace the spare tire with the repaired tire and adjust the proper tire inflation pressure. The tire pressure warning light will turn off after a few minutes.

**n If the tire pressure warning system is inoperative**

The tire pressure warning system will be disabled in the following conditions:

(When the condition becomes normal, the system will work properly.)

- 1 If tires not equipped with tire pressure warning valves and transmitters are used.
- 1 If the ID code on the tire pressure warning valves and transmitters is not registered in the tire pressure warning computer.
- 1 If the tire inflation pressure is 73 psi (500 kPa, 5.1 kgf/cm<sup>2</sup> or bar) or higher.

The tire pressure warning system may be disabled in the following conditions:

(When the condition becomes normal, the system will work properly.)

- 1 If electronic devices or facilities using similar radio wave frequencies are nearby.
- 1 If a radio set at similar frequencies is in use in the vehicle.
- 1 If a window tint that affects the radio wave signals is installed.
- 1 If there is a lot of snow or ice on the vehicle, in particular around the wheels or wheel housings.
- 1 If non-genuine Toyota wheels are used. (Even if you use Toyota wheels, the tire pressure warning system may not work properly with some types of tires.)
- 1 If tire chains are used.

**n If the tire pressure warning light comes on after blinking for 1 minute frequently**

If the tire pressure warning light comes on after blinking for 1 minute frequently when the “POWER” switch is turned to ON mode, have it checked by your Toyota dealer.

**n Customization that can be configured at Toyota dealer**

The vehicle speed linked seat belt reminder buzzer can be disabled. (Customizable features →P. 579)

However, Toyota recommends that the seat belt reminder buzzer be operational to alert the driver and front passenger that the seat belts are not fastened.

**⚠ CAUTION**

**n When the electric power steering warning light comes on**

The steering wheel may become extremely heavy.

If the steering wheel becomes heavier than usual when operating, firmly hold and operate it using more force than usual.

**n If the tire pressure warning light comes on**

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

**1** Stop your vehicle in a safe place as soon as possible. Adjust the tire inflation pressure immediately.

**1** 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 the tire is flat, change to the spare tire and have the flat tire repaired by the nearest Toyota dealer.

**1** Avoid abrupt maneuvering and braking. If the vehicle tires deteriorate, you could lose control of the steering wheel or the brakes.

**n If a blowout or sudden air loss should occur**

The tire pressure warning system may not activate immediately.

 **CAUTION**

**n Maintenance of the tires**

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

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

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

 CAUTION

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.

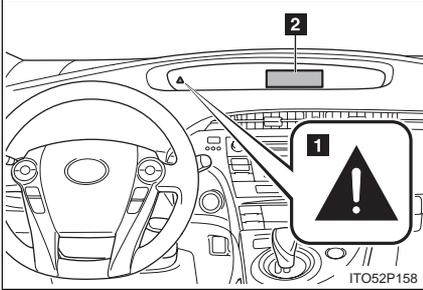
 NOTICE**n Precaution when installing a different tire**

When a tire of a different specification or maker is installed, the tire pressure warning system may not operate properly.

## 5-2. Steps to take in an emergency

### If a warning message is displayed

**If a warning is shown on the multi-information display, stay calm and perform the following actions:**



- 1** Master warning light
- 2** Multi-information display

The master warning light also comes on or flashes in order to indicate that a message is currently being displayed on the multi-information display.

If any of the warning light turns on again after performing the following actions, contact your Toyota dealer.

**Stop the vehicle immediately.**

A buzzer sounds and a warning message is shown on the multi-information display. The following warnings indicate the possibility of damage to the vehicle that may lead to an accident. Immediately stop the vehicle in a safe place and contact your Toyota dealer.

Warning message	Details
 	<p>Indicates an abnormal engine oil pressure. The warning light may turn on if the engine oil pressure is too low.</p>
 	<p>Indicates a malfunction in the hybrid system.</p>

**Have the vehicle inspected immediately.**

Failure to investigate the cause of the following warnings may lead to the system operating abnormally and possibly cause an accident. Have the vehicle inspected by your Toyota dealer immediately.

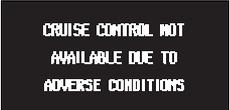
Warning message	Details
  (If equipped)	Indicates a malfunction in the LED headlight system.
 	Indicates a malfunction in the parking lock system.
   (If equipped)	Indicates a malfunction in the pre-collision system. A buzzer also sounds.

Warning message	Details
<div data-bbox="110 269 341 383" style="background-color: black; color: white; padding: 5px; text-align: center;"> <b>CHECK</b>  <b>CRUISE CONTROL SYSTEM</b> </div> <div data-bbox="110 391 203 456" style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  </div> <div data-bbox="203 402 317 435" style="margin-left: 10px;">(Flashing)</div> <div data-bbox="110 464 203 529" style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  </div> <div data-bbox="150 532 295 565" style="margin-left: 10px;">(If equipped)</div>	<p>Indicates a malfunction in the radar cruise control system.</p> <p>A buzzer also sounds.</p> <p>Stop the vehicle in a safe place. Turn the “POWER” switch to OFF and then to ON mode again to reset the cruise control system.</p>

**Follow the correction procedures.**

After taking the specified steps to correct the suspected problem, check that the warning message turns off.

Warning message	Details	Correction procedure
 <p>(U.S.A. only)</p>	<p>Indicates that the engine oil is scheduled to be changed. A buzzer also sounds.</p> <p>Comes on approximately 4500 miles (7200 km) after the engine oil is changed. (The indicator will not work properly unless the oil maintenance data has been reset).</p>	<p>Check the engine oil, and change if necessary.</p>
 <p>(U.S.A. only)</p>	<p>Indicates that the engine oil should be changed. A buzzer also sounds.</p> <p>Comes on approximately 5000 miles (8000 km) after the engine oil is changed (and the oil maintenance data has been reset).</p>	<p>Check and change the engine oil.</p>

Warning message	Details	Correction procedure
 <p><b>PCS</b> (If equipped)</p>	<p>Indicates that the pre-collision system is not currently functional because the grille or the sensor is dirty. This message also appears when the pre-collision system is not functional due to overheating.</p>	<p>Check the grille and the sensor and clean them if they are dirty. In case of overheating, the system will become functional once the system cools down.</p>
 <p> (Flashing)  (If equipped)</p>	<p>Indicates that the radar cruise control sensor is dirty or covered with ice.</p>	<p>Clean the sensor.</p>
 <p> (Flashing)  (If equipped)</p>	<p>Indicates that the radar cruise control system is unable to judge vehicle-to-vehicle distance.</p>	<p>If the windshield wipers are on, turn them off or set them to either the intermittent or the slow mode.</p>

5-2. Steps to take in an emergency

Warning message	Details	Correction procedure
 <p>(If equipped)</p>	<p>Indicates that there is a high risk of a collision, or that the pre-collision brake function is operating.</p>	<p>Slow the vehicle by applying the brakes.</p>
 <p>(If equipped)</p>	<p>Indicates that there is a high risk of a collision.</p>	<p>Slow the vehicle by applying the brakes.</p>
 <p>(If equipped, flashing)</p>	<p>Your vehicle is nearing the vehicle ahead (in radar cruise mode).</p>	<p>Slow the vehicle by applying the brakes.</p>
   <p>(If equipped)</p>	<p>Indicates a malfunction the LKA. A buzzer also sounds.</p>	<p>Restart the LKA after restarting the hybrid system.</p>

Warning message	Details	Correction procedure
 (If equipped)	Indicates that the LKA is not currently functional.	Restart the LKA.
 	The hybrid system has overheated.	Stop and check. (→P. 540)
  (Flashing)	The hybrid battery (traction battery) is low.	Stop the vehicle and push the “P” position switch.
  (Flashing)	The transmission is out of “P” when attempting to start the hybrid system.	Push the “P” position switch before pressing the “POWER” switch.
  (Flashing)	The driver’s door is opened when the transmission is out of “P” with the hybrid system on.	Push the “P” position switch.

Warning message	Details	Correction procedure
	EV-Drive Mode cannot be switched to. A buzzer also sounds.	Use the EV-Drive Mode when it becomes available.
	The EV-Drive Mode has been automatically cancelled. A buzzer also sounds.	Drive normally for a short time.

■ **After changing the engine oil (U.S.A. only)**

Make sure to reset the oil maintenance data. (→P. 420)

■ **Approach warning message**

In the following instances, there is the possibility that the approach warning will not activate even when the vehicle-to-vehicle distance decreases.

- ┆ When your vehicle and the vehicle ahead are traveling at the same speed or the vehicle ahead is traveling more quickly than your vehicle.
- ┆ When the vehicle ahead is traveling at very low speed.
- ┆ Immediately after cruise control speed is set.
- ┆ At the instant the accelerator pedal is depressed.

**Have the malfunction repaired immediately.**

After taking the specified steps to correct the suspected problem, check that the warning message and light turn off.

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	—	 (Comes on for 10 seconds.)  (Flashing)	The electronic key is not detected when attempting to start the hybrid system.	Confirm the location of the electronic key.
Once	3 times	  (Flashing)	An open door other than the driver's door is closed while the electronic key is outside the detection range and the "POWER" switch is in ACCESSORY or ON mode.	Confirm the location of the electronic key.

5-2. Steps to take in an emergency

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	3 times	  (Flashing)	<p>An open door other than the driver's door is closed while the electronic key is outside the detection range and the "POWER" switch is in ACCESSORY or ON mode with the shift position in "P".</p>	<p>Turn the "POWER" switch to OFF or confirm the location of the electronic key.</p>
Continuous	—	  (Flashing)	<p>The driver's door has been opened with the shift position in a position other than "P" and without first turning the "POWER" switch is OFF.</p>	<p>Put the shift position into "P".</p>

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	Continuous	<div data-bbox="359 310 589 423" style="background-color: black; color: white; text-align: center; padding: 5px;">KEY NOT DETECTED</div> <div data-bbox="359 440 589 553" style="background-color: black; color: white; text-align: center; padding: 5px;">TURN POWER OFF</div> <p data-bbox="344 558 600 586">(Displayed alternately)</p> <div data-bbox="359 594 451 656" style="border: 1px solid black; padding: 2px; display: inline-block;">  </div> <p data-bbox="458 607 572 634">(Flashing)</p>	<p>The electronic key has been taken outside the vehicle and the doors have been locked without first turning the “POWER” switch to OFF. (vehicles with entry function)</p>	<p>Turn the “POWER” switch to OFF and lock the doors again.</p>

5-2. Steps to take in an emergency

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	Continuous	<div data-bbox="327 651 558 764" style="background-color: black; color: white; padding: 5px; text-align: center;">KEY DETECTED IN VEHICLE</div> <div data-bbox="327 776 421 834" style="display: inline-block; border: 1px solid black; padding: 5px; text-align: center;">  </div> <span data-bbox="426 781 543 813">(Flashing)</span>	<p data-bbox="596 293 777 643">An attempt to lock the doors has been made using the smart key system while the electronic key is inside the vehicle. (vehicles with entry function)</p> <p data-bbox="596 659 777 1162">With the key inside the vehicle, a front door has been opened, the lock lever has been pulled in the lock direction, the door has been closed while the door handle is being pulled, and an attempt has been made to lock the door.</p>	<p data-bbox="817 602 934 854">Take the electronic key outside the vehicle, and lock the doors again.</p>

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Continuous	Continuous	  (Displayed alternately)  (Flashing)	An open door other than the driver's door is closed while the electronic key is outside the detection range and the "POWER" switch is in ACCESSORY or ON mode with the shift position not in "P".	<ul style="list-style-type: none"> <li>• Push the "P" position switch.</li> <li>• Confirm the location of the electronic key.</li> </ul>
Once	—	 	The electronic key battery is low.	Replace the battery. (→P. 452)
Once	—	  (Flashing)	An open door has been closed and the "POWER" switch has been turned twice to the ACCESSORY mode from OFF.	Press the "POWER" switch while applying the brakes.

## 5-2. Steps to take in an emergency

Interior buzzer	Exterior buzzer	Warning message	Details	Correction procedure
Once	—	  (Flashing)	The electronic key does not operate properly.	→P. 534
—	—		Power was turned off due to the automatic power off function.	Next time when starting the hybrid system, increase the engine speed slightly and maintain that level for approximately 5 minutes to recharge the battery.

### n Changing the engine oil

Make sure to reset oil change system.

 NOTICE**n While the engine oil level warning is displayed**

Continued engine operation with low engine oil will damage the engine.

**n Engine oil maintenance message**

The warning message is based on the projected driving range after engine oil maintenance message is reset.

The system does not monitor the purity of the engine oil.

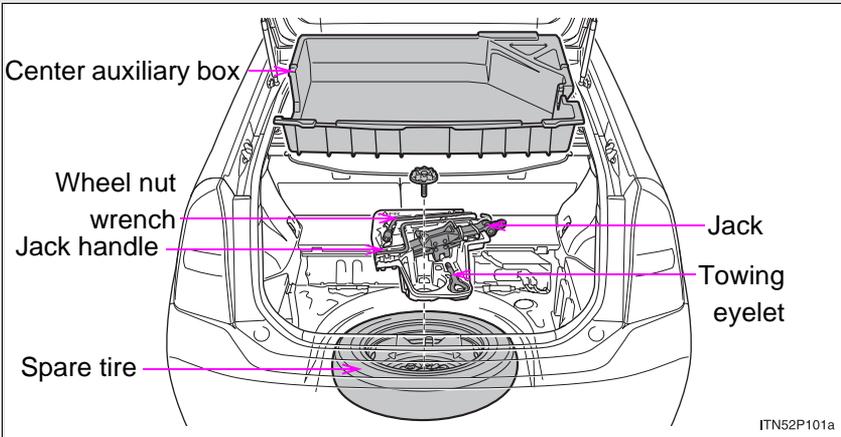
## 5-2. Steps to take in an emergency If you have a flat tire

**Remove the flat tire and replace it with the spare provided.**

**n Before jacking up the vehicle**

- 1 Stop the vehicle on a hard, flat surface.
- 1 Set the parking brake.
- 1 Shift the shift position to “P”.
- 1 Stop the hybrid system.
- 1 Turn on the emergency flashers.

**n Location of the spare tire, jack and tools**



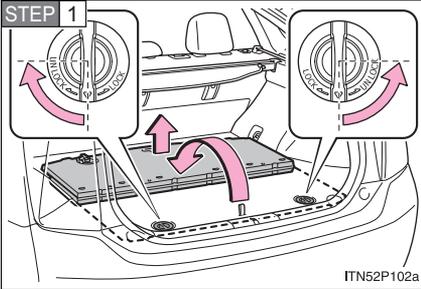
**n Compact spare tire**

The compact spare tire saves space in your luggage compartment, and its lighter weight helps to enhance fuel economy and permits easier installation in case of a flat tire.

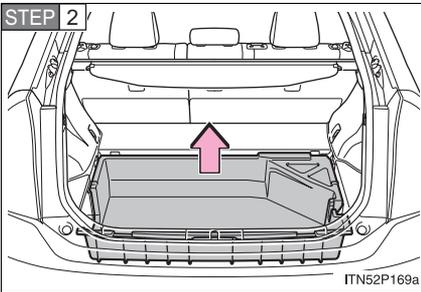


The compact spare tire is designed for temporary emergency use only.

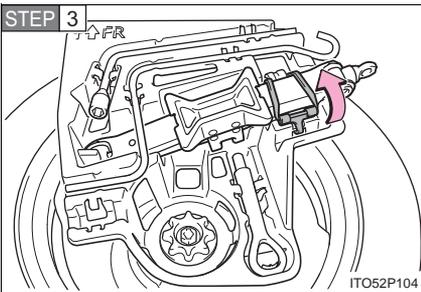
## Taking out the jack



Remove the center deck board.



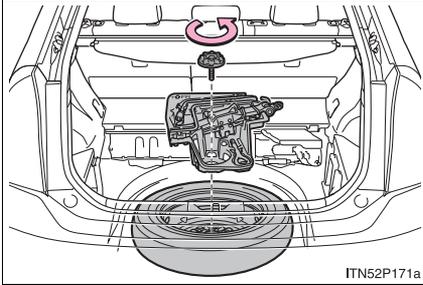
Remove the center auxiliary box.



Unhook the tightening strap.

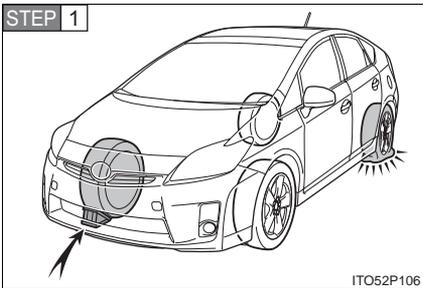
After storing the jack, make sure it is securely held by the tightening strap.

### Taking out the spare tire



Loosen the center fastener that secures the spare tire.

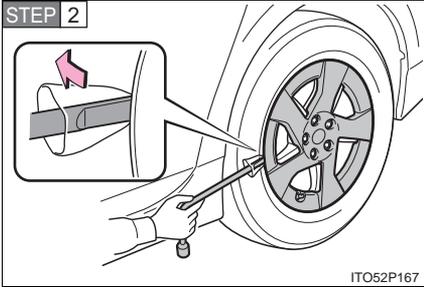
### Replacing a flat tire



Chock the tires.

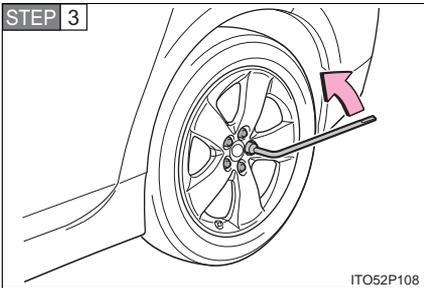
Flat tire		Wheel chock positions
Front	Left-hand side	Behind the rear right-hand side tire
	Right-hand side	Behind the rear left-hand side tire
Rear	Left-hand side	In front of the front right-hand side tire
	Right-hand side	In front of the front left-hand side tire

## 5-2. Steps to take in an emergency

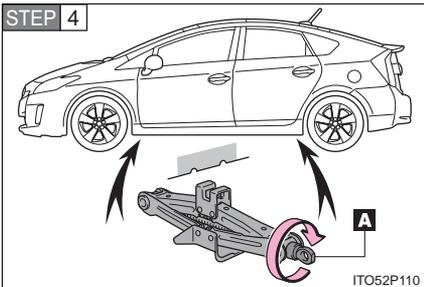


Vehicles with a 15 inch wheel, remove the wheel ornament using the wrench.

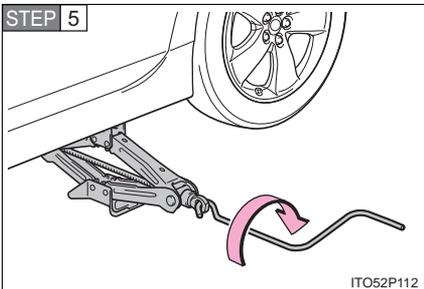
To protect the wheel ornament, place a rag between the wrench and the wheel ornament, as shown in the illustration.



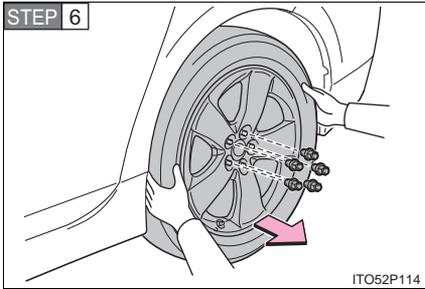
Slightly loosen the wheel nuts (one turn).



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



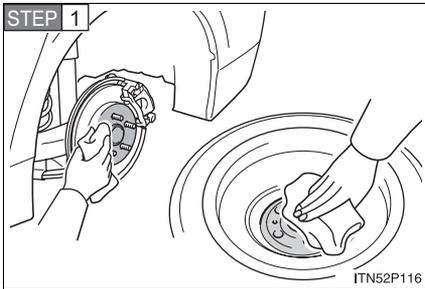
Raise the vehicle until the tire is slightly raised off the ground.



Remove all the wheel nuts and the tire.

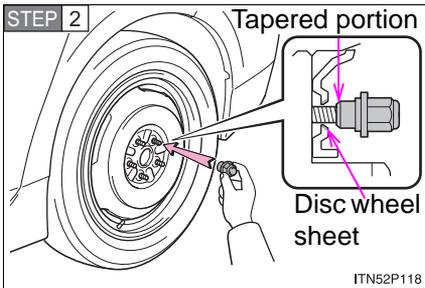
When resting the tire on the ground, place the tire so that the wheel design faces up to avoid scratching the wheel surface.

### Installing the spare tire



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

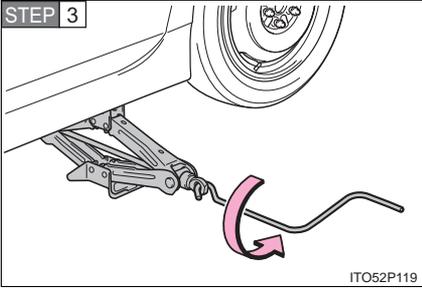
If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, and the tire may come off the vehicle.



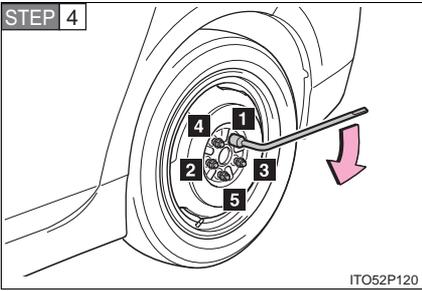
Install the spare tire and loosely tighten each nut by hand to approximately the same amount.

Tighten the wheel nuts until the tapered portion comes into loose contact with the disc wheel sheet.

## 5-2. Steps to take in an emergency



Lower the vehicle.



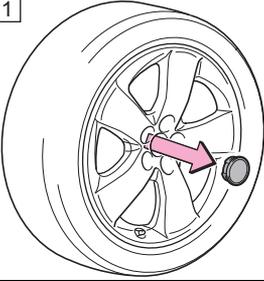
Firmly tighten each nut two or three times in the order shown in the illustration.

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

**STEP 5** Stow the flat tire, the tire jack and all tools.

## Stowing the flat tire

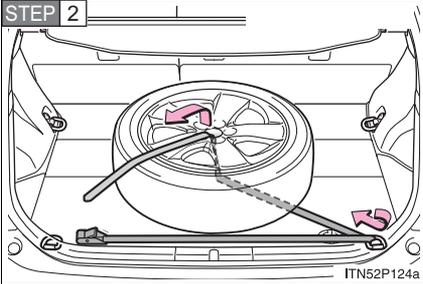
STEP 1



ITO52P123

Vehicles with a 17 inch wheel:  
Before stowing the flat tire, remove the center wheel ornament by pushing from the reverse side.

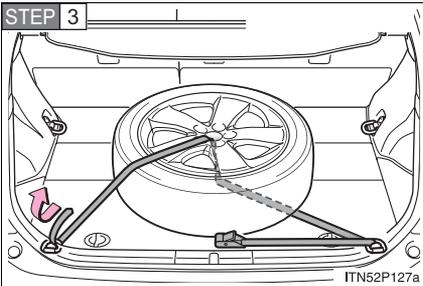
STEP 2



ITN52P124a

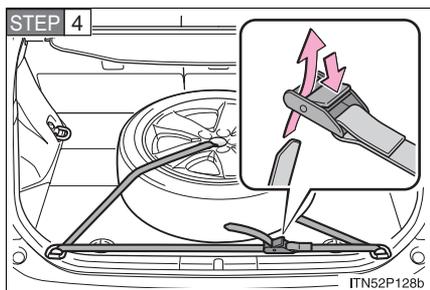
Place the flat tire on the deck board, and pass the belt through the lower-right cargo hook and then through the hole in the center of the tire.

STEP 3



ITN52P127a

Pass the belt through the lower-left cargo hook.



Pass the belt through the buckle and secure the tire firmly. Check that the belt is securely held by the buckle.

The belt cannot be fastened securely if the buckle is facing the wrong direction.

#### ▢ **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 only in an emergency.
- ▮ Make sure to check the tire inflation pressure of the compact spare tire. (→P. 557)

#### ▢ **Tread life**

The compact spare tire can be used many times, if necessary. It has tread life of up to 3000 miles (4800 km) depending on road conditions and your driving habits. When treadwear indicators appear on the tire, replace the tire. (→P. 433)

### n **When using the compact spare tire**

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

### n **If you have a flat front tire on a road covered with snow or ice**

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

**STEP 1** Replace a rear tire with the compact spare tire.

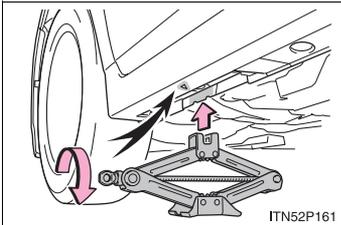
**STEP 2** Replace the flat front tire with the tire removed from the rear of the vehicle.

**STEP 3** Fit tire chains to the front tires.

### n **After completing the tire change**

The tire pressure warning system must be reset. (→P. 434)

### n **Jack point guide**



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

 **CAUTION**

**n Using the tire jack**

Improper use of the tire jack may lead to death or serious injuries due to the vehicle suddenly falling off the jack.

- I** Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- I** Only use the tire jack that comes with this vehicle for replacing a flat tire.  
Do not use it on other vehicles, and do not use other tire jacks for replacing tires on this vehicle.
- I** Always check that the tire jack is securely set to the jack point.
- I** Do not raise the vehicle while someone is in it.
- I** When raising the vehicle, do not put an object on or under the jack.
- I** Do not raise the vehicle to a height greater than that required to replace the tire.
- I** Use a jack stand if it is necessary to get under the vehicle.
- I** Do not put any part of your body under the vehicle supported by a jack.
- I** Do not start or operate the hybrid system while your vehicle is supported by the jack.

Take particular care when lowering the vehicle to ensure that no one working on or near the vehicle may be injured.

 **CAUTION**
**n Replacing a flat tire**

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

- I** Do not try to remove the wheel ornament by hand. Take due care in handling the ornament to avoid unexpected personal injury.
- I** 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 a serious accident. Remove any oil or grease from the wheel bolts or wheel nuts.
- I** 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. Failure to follow these precautions could cause the nuts to loosen and the wheels may fall off, which could lead to an accident causing death or serious injury.
- I** Do not attach a heavily damaged wheel ornament, as it may fly off the wheel while the vehicle is moving.

**n When using the compact spare tire**

- I** Remember that your spare tire is specifically designed for use with your vehicle. Do not use your spare tire on another vehicle.
- I** Do not use two spare tires simultaneously.
- I** Replace the compact spare tire with a standard tire as soon as possible.
- I** Avoid sudden acceleration, deceleration and braking, as well as sharp cornering.

**n 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. Failing to observe this precaution may lead to an accident causing death or serious injury.

 CAUTION

**n When the spare tire is attached**

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

- | ABS & Brake assist
- | Enhanced VSC
- | Navigation system (if equipped)
- | TRAC
- | Dynamic radar cruise control (if equipped)
- | Cruise control (if equipped)
- | PCS (if equipped)
- | LKA (if equipped)
- | Rear view monitor system (if equipped)
- | Advanced parking guidance system (if equipped)

 NOTICE**n Do not drive the vehicle with a flat tire**

Do not continue driving with a flat tire.

Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair.

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

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

**n 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.

**n When replacing the tires**

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.

**n To avoid damaging the tire pressure warning valves and transmitters**

Do not use liquid sealants on flat tires.

## If the hybrid system will not start

**If the hybrid system still does not start after following the correct starting procedure (→P. 162), confirm the following points.**

**n The hybrid system will not start even if you are carrying the correct key.**

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

- 1 There may not be sufficient fuel in the vehicle's tank.  
Refuel the vehicle.
- 1 The electronic key battery may be discharged. (→P. 533)
- 1 The hybrid system may be malfunctioning due to an electrical problem such as an open circuit or a blown fuse. However, depending on the type of malfunction, an interim measure is available to start the hybrid system. (→P. 531)
- 1 There may be a malfunction in the immobilizer system.  
(→P. 108)

**n 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.

- 1 The 12 volt battery may be discharged. (→P. 535)
- 1 The 12 volt battery terminal connections may be loose or corroded.

**n 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.

- 1 One or both of the 12 volt battery terminals may be disconnected.
- 1 The 12 volt battery may be discharged. (→P. 535)

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

### **Emergency start function**

When the hybrid system does not start, the following steps can be used as an interim measure to start the hybrid system if the “POWER” switch is functioning normally.

**STEP 1** Set the parking brake.

**STEP 2** Set the “POWER” switch to the ACCESSORY mode.

**STEP 3** Push and hold the “POWER” switch for about 15 seconds while depressing the brake pedal firmly.

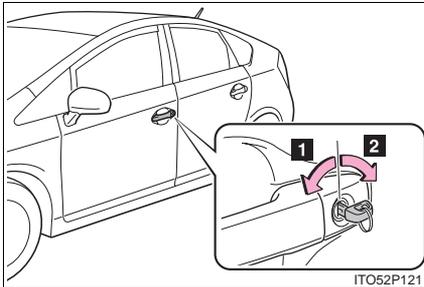
Even if the hybrid system can be started using the above steps, the system may be malfunctioning. Have the vehicle checked by your Toyota dealer.

## If you lose your keys

**New genuine Toyota keys can be made by your Toyota dealer using other key and the key number stamped on your key number plate.**

If communication between the electronic key and vehicle is interrupted (→P. 43, 57) 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 or the hybrid system can be started by following the procedure below.

### Locking and unlocking the doors

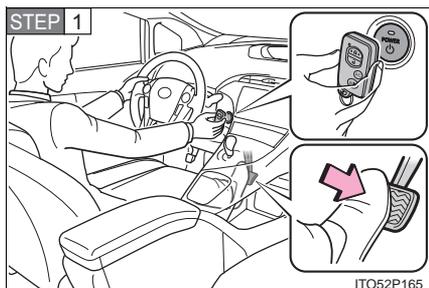


Using the mechanical key (→P. 41) in order to perform the following operations:

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

Turning the key rearward unlocks the driver's door. Turning the key once again within 3 seconds unlocks the other doors.

## Changing “POWER” switch modes and starting the hybrid system



Apply the brakes and touch the Toyota emblem side of the electronic key to the “POWER” switch.

An alarm will sound to indicate that the start function cannot detect the electronic key that is touched to the “POWER” switch if any of the doors is opened and closed while the key is touched to the switch.

**STEP 2** To change “POWER” switch modes: Within 10 seconds of the buzzer sounding, release the brake pedal and press the “POWER” switch. Modes can be changed each time the switch is pressed. (→P. 162)

To start the hybrid system: Press the “POWER” switch within 10 seconds after the buzzer sounds, keeping the brake pedal depressed.

In the event that the “POWER” switch still cannot be operated, contact your Toyota dealer.

### ▮ Stopping the hybrid system

Push the “P” position switch and press the “POWER” switch as you normally do when stopping the hybrid system.

### ▮ Replacing the key battery

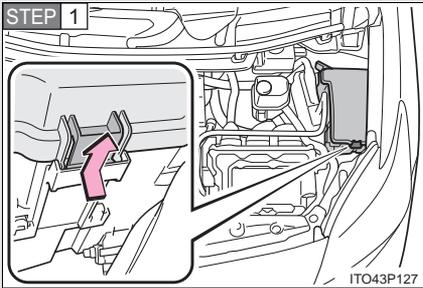
As this procedure is the temporary measure, it is recommended that the electronic key battery be replaced immediately when the battery depletes. (→P. 452)

## 5-2. Steps to take in an emergency If the 12 volt battery is discharged

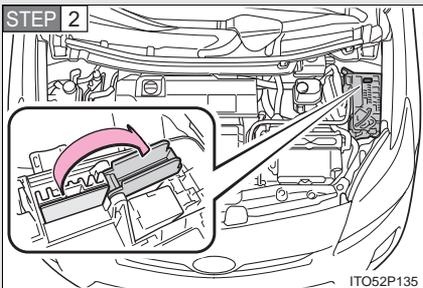
**The following procedures may be used to start the hybrid system if the vehicle's 12 volt battery is discharged.**

**You can call your Toyota dealer or qualified repair shop.**

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

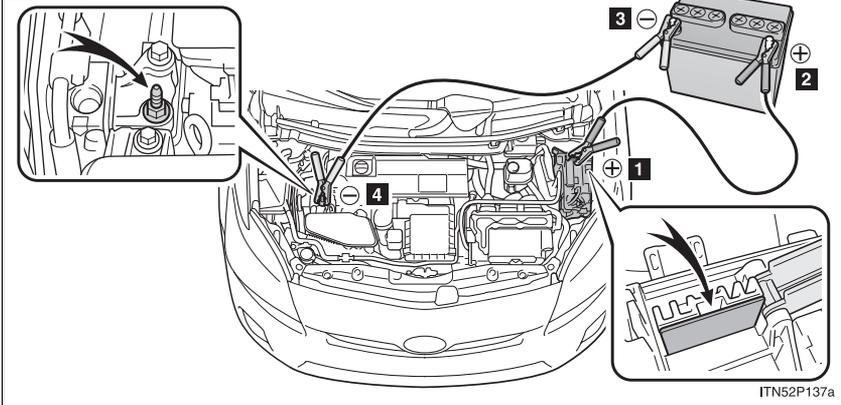


Open the hood and fuse block cover.



Open the exclusive jump starting terminal cover.

STEP 3



Connecting the jumper cables.

- 1** Exclusive jump starting terminal on your vehicle
- 2** Positive (+) battery terminal on the second vehicle
- 3** Negative (-) battery terminal on the second vehicle
- 4** Connect the jumper cable to ground on your vehicle as shown in the illustration.

**STEP 4** Start the engine of the second vehicle. Increase the engine speed slightly and maintain at that level for approximately 5 minutes to recharge the 12 volt battery of your vehicle.

**STEP 5** Turn the “POWER” switch to ACCESSORY mode.

**STEP 6** Maintain the engine speed on the second vehicle and turn the “POWER” switch to ON mode, then start your vehicle’s hybrid system.

**STEP 7** Make sure the “READY” indicator comes on. If the indicator does not come on, contact your Toyota dealer.

**STEP 8** Once the vehicle’s hybrid system has started, remove the jumper cables in the exact reverse order in which they were connected.

Once the hybrid system starts, have the vehicle checked at your Toyota dealer as soon as possible.

#### n **Starting the hybrid system when the 12 volt battery is discharged**

The hybrid system cannot be started by push-starting. In addition, the shift position may not be changed from “P”.

#### n **Avoiding a discharged 12 volt battery**

- l Turn off the headlights and the audio system while the hybrid system is turned off.
- l Turn off any unnecessary electrical components when the vehicle is running at a low speed for an extended period, such as in heavy traffic, etc.

#### n **When the 12 volt battery is removed or discharged**

The hybrid system may not start. (→P. 430)

 **CAUTION**

**n Avoiding 12 volt battery fires or explosions**

Observe the following precautions to prevent accidentally igniting the flammable gas that may be emitted from the 12 volt battery.

- I** Make sure the jumper cable is connected to the correct terminal and that it is not unintentionally in contact with any part other than the intended terminal.
- I** Do not allow the jumper cables to come into contact with the “+” and “-” terminals.
- I** Do not allow open flame or use matches, cigarette lighters or smoke near the 12 volt battery.

**n 12 volt battery precautions**

The 12 volt battery contains poisonous and corrosive acidic electrolyte, while related parts contain lead and lead compounds. Observe the following precautions when handling the 12 volt battery:

- I** When working with the 12 volt battery, always wear safety glasses and take care not to allow any battery fluids (acid) to come into contact with skin, clothing or the vehicle body.
- I** Do not lean over the 12 volt battery.
- I** 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.
- I** Always wash your hands after handling the battery support, terminals, and other battery-related parts.
- I** Do not allow children near the 12 volt battery.

 NOTICE**n To prevent damaging the vehicle**

The exclusive jump starting terminal is to be used when charging the 12 volt battery from another vehicle in an emergency. It cannot be used to jump start another vehicle.

**n When handling jumper cables**

Be careful that the jumper cables do not become tangled in the cooling fan or any of the belts when connecting or disconnecting them.

## 5-2. Steps to take in an emergency If your vehicle overheats

### **The following may indicate that your vehicle is overheating:**

- 1 The high coolant temperature warning light comes on or flashes:  
The engine may be overheating.
- 1 “HYBRID SYSTEM OVERHEAT” is shown on the multi-information display:  
The power control unit may be overheating.

Follow the correction procedure as described below.

### **Correction procedures**

#### **n If the high coolant temperature warning light comes on or flashes**

**STEP 1** Stop the vehicle in a safe place and turn off the air conditioning system.

**STEP 2** Check to see if steam is coming out from under the hood.

If you see steam:

Stop the hybrid system. Carefully lift the hood after the steam subsides and then restart the hybrid system.

If you do not see steam:

Leave the hybrid system operating and carefully lift the hood.

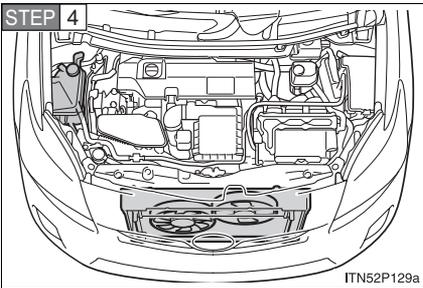
**STEP 3** Check to see if the cooling fans are operating.

If the fans are operating:

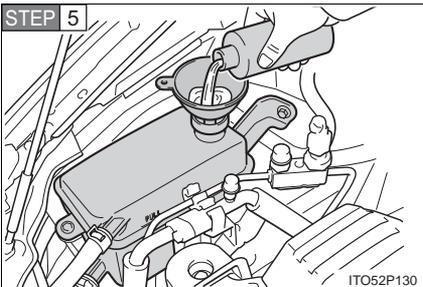
Wait until the high coolant temperature warning light goes off and then stop the hybrid system.

If the fans are not operating:

Stop the hybrid system immediately and call your local Toyota dealer.



After the hybrid system has cooled down sufficiently, check the engine coolant level and inspect the radiator core (radiator) for any leaks.



If necessary, add engine coolant up to the "FULL" line.

Water can be used in an emergency measure if engine coolant is unavailable. (→P. 554)

**n If “HYBRID SYSTEM OVERHEAT” is shown on the multi-information display**

**STEP 1** Stop the vehicle in a safe place and turn off the air conditioning system.

**STEP 2** Leave the hybrid system operating and carefully lift the hood.

**STEP 3** Check if the cooling fans are operating.

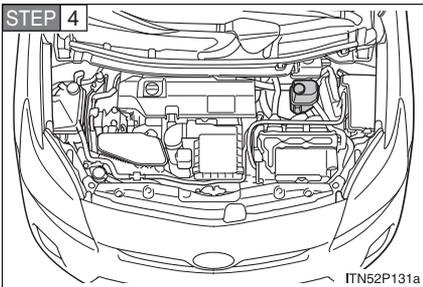
If the fans are operating:

Wait until “HYBRID SYSTEM OVERHEAT” disappears and then stop the hybrid system.

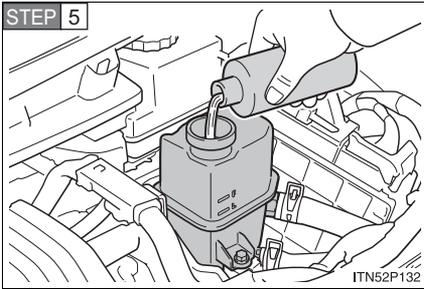
If the message does not disappear, call your Toyota dealer.

If the fans are not operating:

Stop the hybrid system immediately and call your Toyota dealer.



After the hybrid system has cooled down, check the power control unit coolant level and inspect the cooling system for leaks.



If necessary, add power control unit coolant up to the full line.

Water can be used in an emergency measure if power control unit coolant is unavailable.  
(→P. 554)

Have the vehicle checked at nearest Toyota dealer as soon as possible.

#### n **Overheating**

The following symptoms may occur when your vehicle is overheating:

- l Hybrid system output decrease.
- l Steam is coming from under the hood.

 CAUTION

**n To prevent an accident or injury when inspecting under the hood of your vehicle**

- i** If steam is seen coming from under the hood, do not open the hood until the steam has subsided. The engine compartment may be very hot, causing serious injury such as burns.
- i** With a hybrid vehicle, there are times when the gasoline engine automatically starts to run or the cooling fans suddenly start to operate. Do not touch or approach the rotating parts of the belt or fans. Doing so may lead to fingers, clothes or tools getting caught, resulting in an accidental injury.
- i** Do not loosen the coolant reservoir cap while the hybrid system and radiator are hot.  
Serious injury, such as burns, may result from hot coolant and steam released under pressure.

 NOTICE

**n When adding engine/power control unit coolant**

- Wait until the hybrid system has cooled down before adding engine/power control unit coolant.
- When adding coolant, do so slowly. Adding cool coolant to a hot hybrid system too quickly can cause damage to the hybrid system.

## 5-2. Steps to take in an emergency If the vehicle becomes stuck

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

- STEP 1** Stop the hybrid system. Set the parking brake and push the “P” position switch.
- STEP 2** Remove the mud, snow, or sand from around the stuck tire.
- STEP 3** Place wood, stones or some other material to help provide traction under the tires.
- STEP 4** Restart the hybrid system.
- STEP 5** Shift the shift lever to “D” or “R” and carefully apply the accelerator to free the vehicle.

### CAUTION

#### **n When attempting to free a stuck vehicle**

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

#### **n When shifting the shift lever**

Be careful not to shift the shift lever with the accelerator pedal depressed. This may lead to unexpected rapid acceleration of the vehicle that may cause an accident and result in death or serious injury.

 NOTICE

**n To avoid damaging the transmission and other components**

- l** Avoid spinning the wheels.
- l** If the vehicle remains stuck after trying these procedures, the vehicle may require towing to be freed.