



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

*: 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>Charging system warning light Malfunction in the vehicle's charging system.</p>
	<p>Low engine oil pressure warning light Abnormal level of engine oil pressure. This warning light may turn on if the level of engine oil declines. The light should turn off after checking the oil and adding oil if necessary.</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
	<p>Malfunction indicator lamp Malfunction in:</p> <ul style="list-style-type: none"> • The emission control system; • The electronic engine control system; • The electronic throttle control system; or • The electronic automatic transmission control system.


Warning light	Warning light/Details
	<p>SRS warning light</p> <p>Malfunction in:</p> <ul style="list-style-type: none"> • The SRS airbag system; • The front passenger occupant classification system; or • The seat belt pretensioner system.
<p> (U.S.A.)</p> <p> (Canada)</p>	<p>ABS warning light</p> <p>Malfunction in:</p> <ul style="list-style-type: none"> • The ABS; or • The brake assist system.
	<p>Slip indicator light</p> <p>Malfunction in the VSC or TRAC system.</p>
 (if equipped)	<p>Automatic headlight leveling system warning light</p> <p>Malfunction in the automatic headlight leveling system.</p>
	<p>Electric power steering system warning light</p> <p>Malfunction in the EPS (Electric Power Steering).</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
	Open door warning light (warning buzzer)*1 A door is not fully closed.	Check that all doors are closed.
	Driver's seat belt reminder light (warning buzzer)*2 Warns the driver to fasten his/her seat belt.	Fasten the seat belt.
 (On the center display)	Front passenger's seat belt reminder light (warning buzzer)*2 Warns the front passenger to fasten his/her seat belt.	Fasten the seat belt.
	Tire pressure warning light	
	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.

Warning light	Warning light/Details	Correction procedure
	<p>Low fuel level warning light Indicates that remaining fuel is about 4.0 gal. (15.0 L, 3.3 Imp. gal.) or less</p>	<p>Refuel the vehicle.</p>
 (if equipped)	<p>Master warning light A buzzer sounds and the warning light comes on and flashes to indicate that the master warning system has detected a malfunction.</p>	<p>Take appropriate action in accordance with the message displayed on the multi-information display.</p>
	<p>Low windshield washer fluid level warning light Indicates that the windshield washer fluid level is too low.</p>	<p>Add washer fluid.</p>
 (AWD models)	<p>Active Torque Control 4WD system warning light</p>	
	<p>When the light blinks: The system has been overloaded and front-wheel drive has been automatically engaged.</p>	<p>Drop your speed or stop the vehicle until the light stops blinking. (Do not stop the engine.)</p>
<p>When the light comes on: Malfunction in the Active Torque Control 4WD system.</p>	<p>Have the system checked by your Toyota dealer.</p>	

Warning light	Warning light/Details	Correction procedure
	Engine oil replacement reminder light	
	Illuminates for about 3 seconds and then flashes for about 15 seconds: Engine oil is scheduled to be changed.	Check and the engine oil, and change if necessary.
	Comes on and remains: Engine oil should be changed.	Check and change the engine oil.

*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/her seat belt is not fastened. The buzzer sounds intermittently for 10 seconds after the vehicle had 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.

Follow the correction procedures. (smart key system)

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

Interior buzzer	Exterior buzzer	Warning light	Warning light/Details	Correction procedure
Once	—	 (Comes on for 8 seconds.)	Smart key system warning light Indicates that the electronic key is not present when attempting to start the engine.	Confirm the location of the electronic key*.
Once	3 times		Smart key system warning light Indicates that a door other than the driver's door has been opened or closed with the "ENGINE START STOP" switch in any mode other than off and the electronic key outside of the detection area.	Confirm the location of the electronic key.

Interior buzzer	Exterior buzzer	Warning light	Warning light/Details	Correction procedure
Once	3 times		<p>Smart key system warning light</p> <p>Indicates that the driver's door has been opened or closed with the shift lever in "P", the "ENGINE START STOP" switch in any mode other than off and the electronic key outside of the detection area.</p>	Turn the "ENGINE START STOP" switch off or confirm the location of the electronic key.
Continuous	Continuous		<p>Smart key system warning light</p> <p>Indicates that the driver's door has been opened or closed with the shift lever not in "P", the "ENGINE START STOP" switch in any mode other than off and the electronic key outside of the detection area.</p>	<ul style="list-style-type: none"> • Shift the shift lever to "P". • Confirm the location of the electronic key.

*: If the engine does not start when the electronic key is inside the vehicle, the electronic key battery may be depleted or there may be difficulties receiving the signal from the key. (→P. 546)

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

First check the following:

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

The malfunction indicator lamp will go off after taking several driving trips. If the malfunction indicator lamp does not go off even after several trips, contact your Toyota dealer as soon as possible.

n **Key reminder buzzer (vehicles without smart key system)**

The buzzer indicates that the key has not been removed with the engine off and the driver's door opened.

n **Open moon roof reminder buzzer**

The buzzer indicates that the moon roof is not fully closed with the engine 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.

▫ **SRS warning light**

This warning light system monitors the following:

- | The airbag sensor assembly
- | Front airbag sensors
- | The curtain shield airbag sensors
- | The side and curtain shield airbag sensors
- | The seat belt buckle switches
- | The driver's seat position sensor
- | The inflators
- | The interconnecting wiring and power sources
- | The front passenger occupant classification ECU
- | "AIR BAG ON" and "AIR BAG OFF" indicator lights
- | The seat belt pretensioners

▫ **Engine oil replacement reminder light (U.S.A. only)**

The engine oil replacement reminder light will come on and flash at approximately 4500 miles (7200 km) after an oil change. When the distance driven after an oil change exceeds approximately 5000 miles (8000 km), the light will come on and remain on.

n Changing the engine oil (U.S.A. only)

Make sure to reset the oil change system. (→P. 450)

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

The tire pressure warning light may come on due to natural causes such as natural air leaks 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 become inoperative 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/cm² or bar) or higher.

The tire pressure warning system may become inoperative 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

▶ Vehicles with smart key system

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

▶ Vehicles without smart key system

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

 **CAUTION**

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.

 CAUTION

n If a blowout or sudden air loss should occur

The tire pressure warning system may not activate immediately.

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.

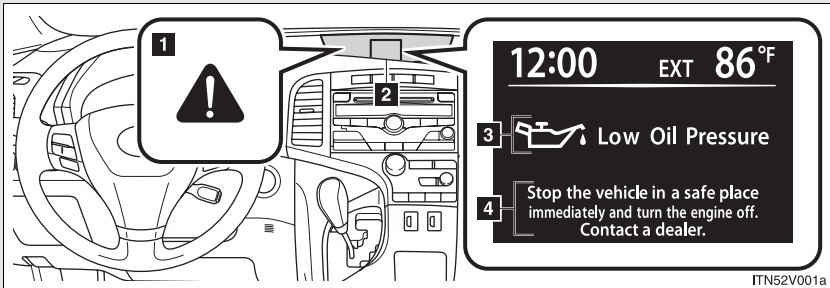
 **NOTICE****n Precaution when installing a different tire**

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*

The multi-information display shows warnings of system malfunctions or incorrectly performed operations. When a message is shown, perform corrections as indicated in the message.



1 Master warning light

The master warning light comes on or flashes when a message is being shown on the multi-information display.

2 Multi-information display

3 Warning message

4 Correction procedure

n Warning buzzer

A buzzer may sound when a warning message is shown on the multi-information display.

n If the warning message is shown again after its correction procedure has been performed

Contact your Toyota dealer as soon as possible.

*: If equipped

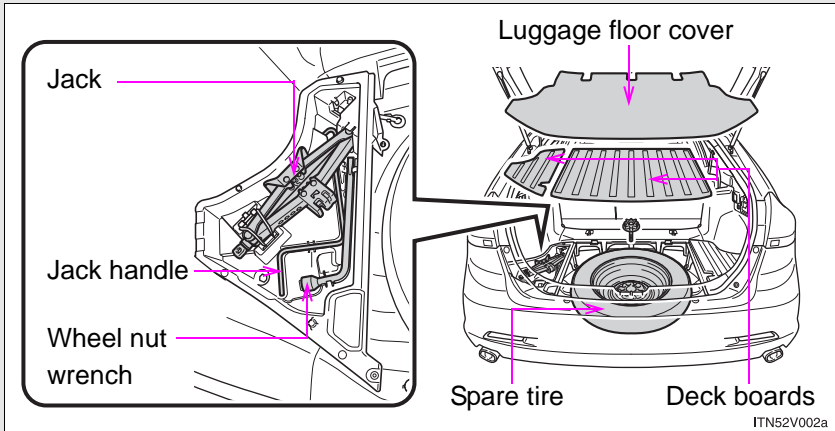
5-2. Steps to take in an emergency If you have a flat tire

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

n Before jacking up the vehicle

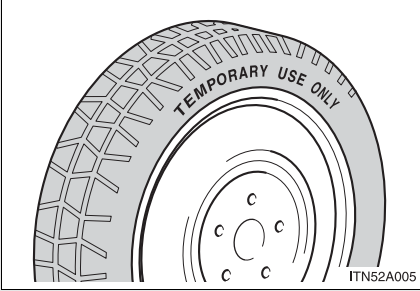
- 1 Stop the vehicle on a hard, flat surface.
- 1 Set the parking brake.
- 1 Shift the shift lever to "P".
- 1 Stop the engine.
- 1 Turn on the emergency flashers.

n Location of the spare tire, jack and tools



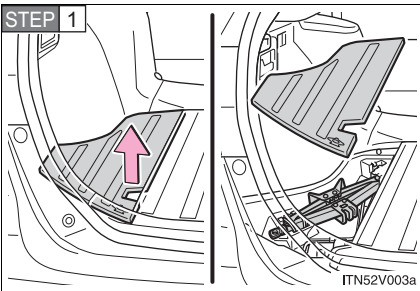
n Compact spare tire

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.

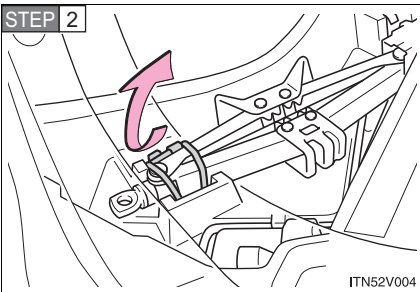


The compact spare tire is designed for temporary emergency use only.

Taking out the jack



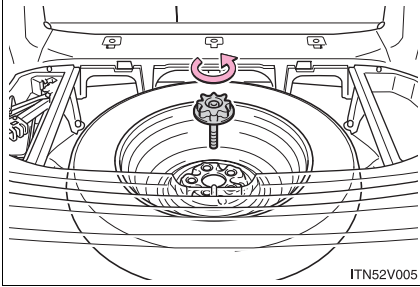
Remove the left side deck board.



Unlock the tightening strap.

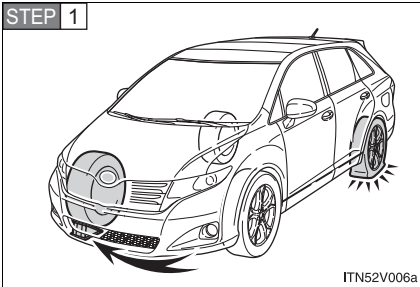
After storing the jack, make sure it is securely held by the tightening strap.

Taking out the spare tire



Loosen the center fastener that secures the spare tire.

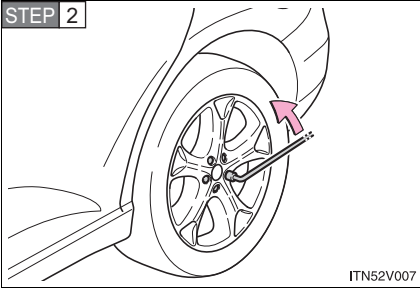
Replacing a flat tire



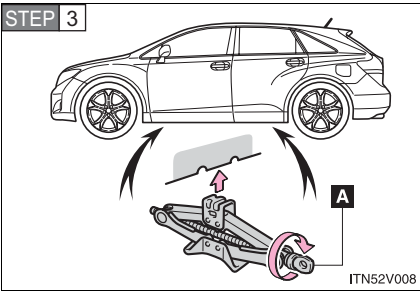
Chock the tires.

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

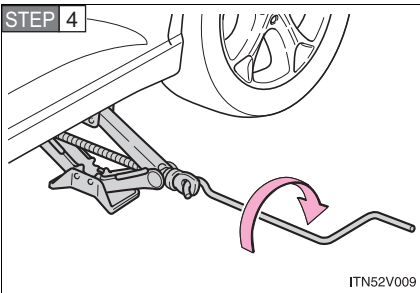
5-2. Steps to take in an emergency



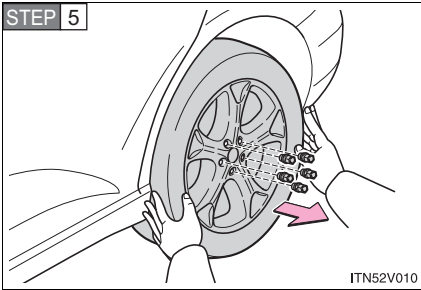
Slightly loosen the wheel nuts (one turn).



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



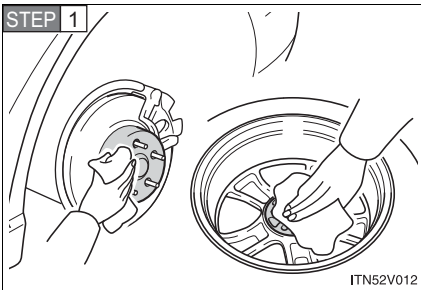
Raise the vehicle until the tire is slightly raised off the ground.



Remove all the wheel nuts and the tire.

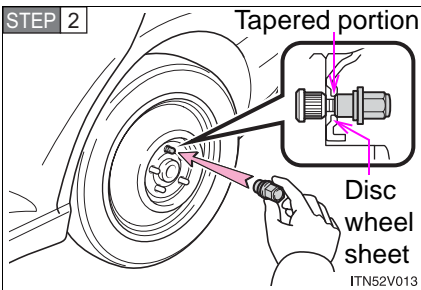
When resting the tire on the ground, place the tire so that the wheel design faces up to avoid scratching the wheel surface.

Installing the spare tire



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

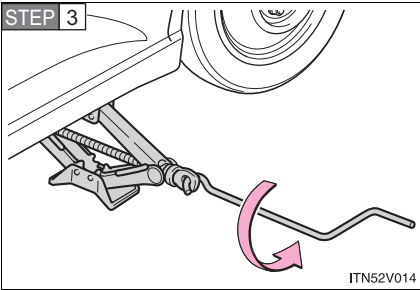
If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, and the tire may come off the vehicle.



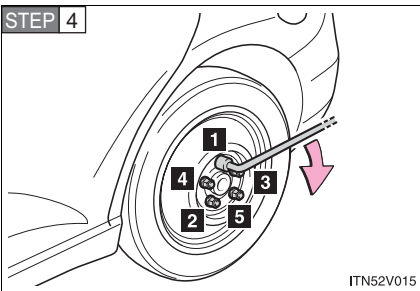
Install the spare tire and loosely tighten each nut by hand to approximately the same amount.

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, tire jack and all tools.

n **The compact spare tire**

- l 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.
- l Make sure to check the tire inflation pressure of the compact spare tire. (→P. 570)

n **When using the compact spare tire**

As the 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.

 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.


- ! Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- ! Only use the tire jack that comes with this vehicle for replacing a flat tire.
Do not use it on other vehicles, and do not use other tire jacks for replacing tires on this vehicle.
- ! Always check that the tire jack is securely set to the jack point.
- ! Do not raise the vehicle while someone is in it.
- ! 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.
- ! Do not put any part of your body under the vehicle supported by a jack.
- ! Do not start or run the engine 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** 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.

 **CAUTION**

n When using the compact spare tire

- ! Remember that your compact spare tire is specifically designed for use with your vehicle. Do not use your compact spare tire on another vehicle.
- ! Do not use two compact spare tires simultaneously.
- ! Replace the compact spare tire with a standard tire as soon as possible.
- ! 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.

n When the compact spare tire is attached

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

- ! ABS & Brake assist
- ! VSC
- ! TRAC
- ! Cruise control system
- ! Navigation system (if equipped)

Also, not only can the AWD system not be utilized fully, it may actually negatively effect the drive-train components (AWD models only).

 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

I 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.

I Replace the grommets for the tire pressure warning valves and transmitters as well.

n To avoid damaging the tire pressure warning valves and transmitters

Do not use liquid sealants on flat tires.

5-2. Steps to take in an emergency If the engine will not start

If the engine still does not start after following the correct starting procedure (→P. 163, 167) or releasing the steering lock (→P. 165, 168), confirm the following points.

n The engine 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 engine may be flooded.
Try to restart the engine once more following correct starting procedures. (→P. 163)
- 1 There may be a malfunction in the engine immobilizer system.
(→P. 101)

n The starter motor turn 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.

- 1 The battery may be discharged. (→P. 548)
- 1 The battery terminal connections may be loose or corroded.

n 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 an open circuit or a blown fuse. However, an interim measure is available to start the engine.

(→P. 542)

n 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.

1 One or both of the battery terminals may be disconnected.

1 The battery may be discharged. (→P. 548)

1 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 START STOP” switch is functioning normally.

STEP 1 Set the parking brake.

STEP 2 Shift the shift lever to “P”.

STEP 3 Set the “ENGINE START STOP” switch to ACCESSORY mode.

STEP 4 Press and hold the “ENGINE START STOP” 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 checked by your Toyota dealer.

If the shift lever cannot be shifted from "P"

If the shift lever cannot be shifted with your foot on the brake, there may be a problem with the shift lock system (a system to prevent accidental operation of the shift lever). Have the vehicle inspected by your Toyota dealer immediately.

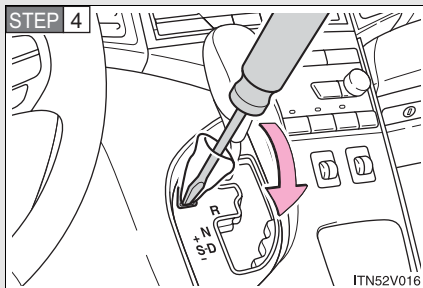
The following steps may be used as an emergency measure to ensure that the shift lever can be shifted.

STEP 1 Set the parking brake.

STEP 2 Vehicles with smart key system: Turn the "ENGINE START STOP" switch to ACCESSORY mode.

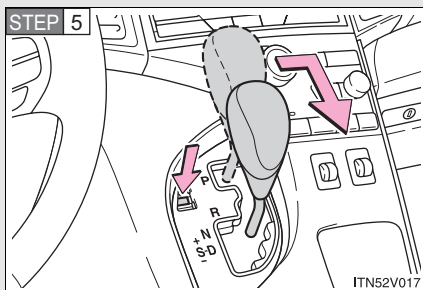
Vehicles without smart key system: Turn the engine switch to the "ACC" position.

STEP 3 Depress the brake pedal.



Pry the cover up with a flat-head screwdriver or equivalent.

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



Press the shift lock override button.

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

If you lose your keys

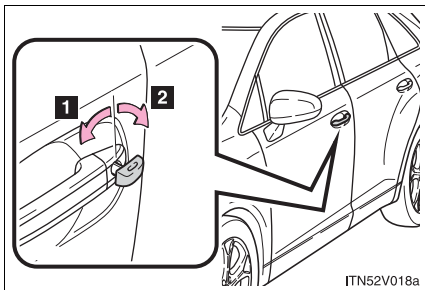
New genuine keys can be made by your Toyota dealer. For vehicles with the smart key system, bring the other key and the key number stamped on the key number plate. For vehicles without the smart key system, bring a master key and the key number stamped on the key number plate.

5-2. Steps to take in an emergency

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

If communication between the electronic key and vehicle is interrupted (→P. 28) 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 engine can be started by following the procedure below.

Locking and unlocking the doors and key linked functions



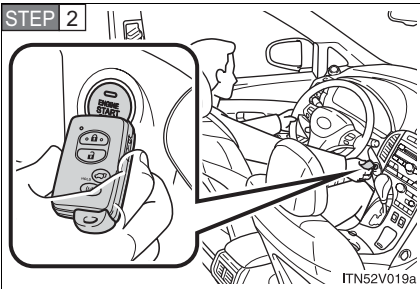
Using the mechanical key (→P. 27) in order to perform the following operations.

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

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

Changing “ENGINE START STOP” switch modes and starting the engine

STEP 1 Shift the shift lever to “P” and apply the brakes.



Touch the Toyota emblem side of the electronic key to the “ENGINE START STOP” switch.

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

STEP 3 To change “ENGINE START STOP” switch modes: Within 10 seconds of the buzzer sounding, release the brake pedal and press the “ENGINE START STOP” switch. Modes can be changed each time the switch is pressed. (→P. 164)

To start the engine: Press the “ENGINE START STOP” switch within 10 seconds after the buzzer sounds, keeping the brake pedal depressed.

In the event that the “ENGINE START STOP” switch cannot be operated, contact your Toyota dealer.

■ **Stopping the engine**

Shift the shift lever to “P” and press the “ENGINE START STOP” switch as you normally do when stopping the engine.

■ **Replacing the key battery**

As this above procedure is a temporary measure, it is recommended that the electronic key battery be replaced immediately when the battery depletes. (→P. 477)

■ **Alarm**

Using the mechanical key to lock the doors will not set the alarm system. If a door is unlocked using the mechanical key when the alarm system is set, the alarm may be triggered. (→P. 104)

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

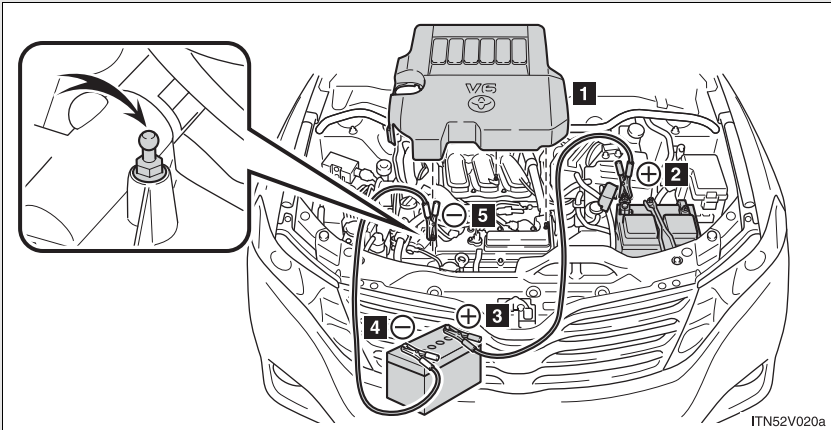
The following procedures may be used to start the engine if the battery is discharged.

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.

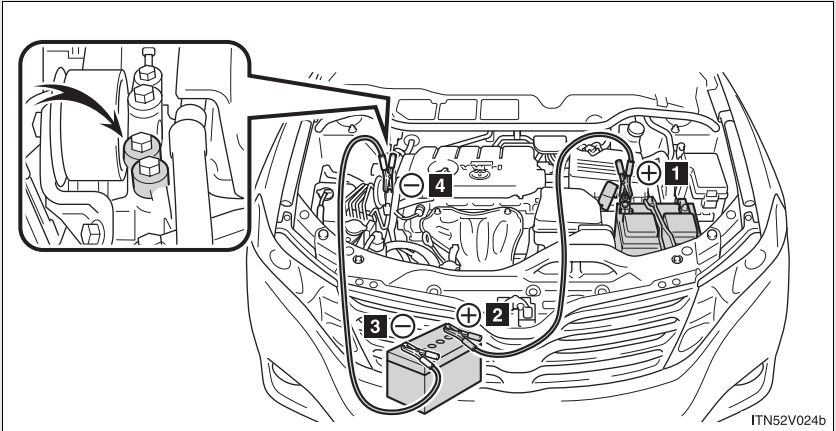
STEP 1 Connecting the jumper cables.

► 2GR-FE engine



- 1** Remove the engine cover.
- 2** Positive (+) battery terminal on your vehicle
- 3** Positive (+) battery terminal on the second vehicle
- 4** Negative (-) battery terminal on the second vehicle
- 5** Connect the jumper cable to ground on your vehicles as shown in the illustration.

► 1AR-FE engine



- 1** Positive (+) battery 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 vehicles as shown in the illustration.

- STEP 2** Start the engine of the second vehicle. Increase the engine speed slightly and maintain at that level for approximately 5 minutes to recharge the battery of your vehicle.
- STEP 3** Vehicles with smart key system: Open and close any of the doors with the “ENGINE START STOP” switch off.
- STEP 4** Maintain the engine speed of the second vehicle and turn the “ENGINE START STOP” switch to IGNITION ON mode (vehicles with smart key system) or turn the engine switch to the “ON” position (vehicles without smart key system), then start your vehicle’s engine.
- STEP 5** Once the vehicle’s engine has started, remove the jumper cables in the exact reverse order in which they were connected.

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

n Starting the engine when the battery is discharged

The engine cannot be started by push-starting.

n Avoiding a discharged battery

l Turn off the headlights and the audio system while the engine 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 battery is removed or discharged

The power back door must be initialized. (→P. 62)


⚠ CAUTION**n Avoiding battery fires or explosions**

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

l 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.

l Do not allow the jumper cables to come into contact with the “+” and “-” terminals.


l Do not allow open flame or use matches, cigarette lighters or smoke near the battery.

 **CAUTION**

n 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:

- I** 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.
- I** Do not lean over the battery.
- I** If the 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 battery.

 **NOTICE**

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

If your engine overheats:

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 engine. Carefully lift the hood after the steam subsides and then restart the engine.

If you do not see steam:

Leave the engine running and carefully lift the hood.

STEP 3 Check to see if the cooling fan is operating.

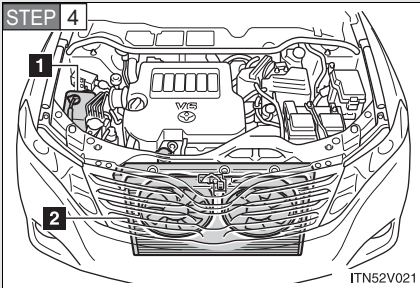
If the fan is operating:

Wait until the engine coolant temperature gauge begins to fall and then stop the engine.

If the fan is not operating:

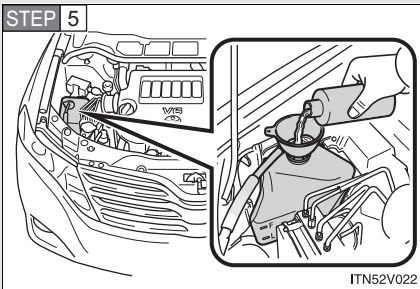
Stop the engine immediately and call your local Toyota dealer.

5-2. Steps to take in an emergency



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

- 1 Engine coolant reservoir
- 2 Radiator



Add engine coolant if required.

Water can be used in an emergency measure if engine coolant is unavailable. (→P. 565)

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

n Overheating

In the following situations, your vehicle may be overheating.

- 1 The engine coolant temperature gauge enters the red zone or a loss of power is experienced.
- 1 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** Keep hands and clothing away from the fan and engine drive belt while the engine is running.
- i** Do not loosen the radiator cap while the engine and radiator are hot. Serious injury, such as burns, may result from hot coolant and steam released under pressure.

 **NOTICE****n When adding engine coolant**

Wait until the engine has cooled down before adding engine coolant. When adding coolant, do so slowly. Adding cool coolant to a hot engine too quickly can cause damage to the engine.

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 engine. Set the parking brake and shift the shift lever in “P”.
- 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 engine.
- STEP 5** Turn off VSC. (→ P. 228)
- STEP 6** Shift the shift lever to “D” or “R” position 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 and do not rev the engine.
- l** If the vehicle remains stuck after trying these procedures, the vehicle may require towing to be freed.

