

# When blowing out

## Exchange of tires

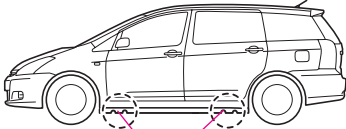
---

### Before exchanging tires

- 1** Move to the level place.  
Well move traffic to the place where and ground in which it can work safely which are flat and hard.
- 2** Put the parking brake firmly.
- 3** Stop the engine.  
The gear - shift 継 Stop the mother-of-pearl and the engine.
- 4** It informs of the existence of the car.  
The emergency blinking light is blinked, and sell the person and luggage wholesale, and use the triangle reflector (Or, stop display light) if necessary.
- 5** Prepare the jack jack steering wheel wheel nut wrench.  
Refer to P.458.
- 6** Prepare the trig.  
When the jack improves, the trig is necessary.  
The trig can be bought in the Toyota shop and consult the Toyota shop.  
The trig can be substituted by the stone etc. of the size in which the tire can be fixed.
- 7** Prepare the spare tire.  
Refer to P.461.



## Method of tire exchange

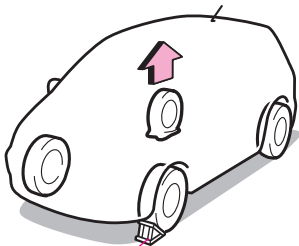


Jack set position

### 1 Put the jack.

Put it under a jack set position near the changed tire.

Confirm ground is flat, hard, and the jack is steady.

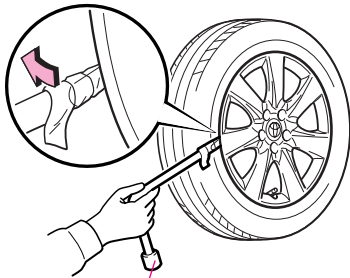


Trig

### 2 Do the trig.

Do the trig to tires in the position and the corner where the jack improves.

Do the trig in front of the front wheel when it is necessary to lift the rear wheel to Gawa of the rear wheel when the front wheel is lifted. (Figure indicates the case where a right rear wheel is lifted.)

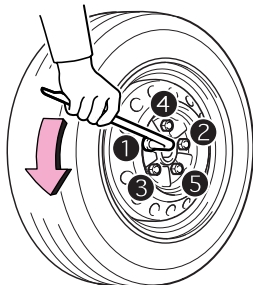


Wheel nut wrench

### 3 Remove the hubcap.

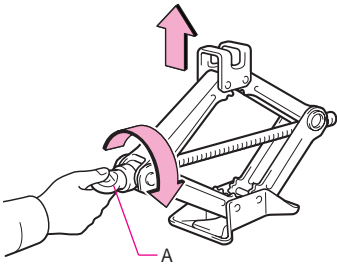
It inserts the wheel nut wrench ahead between the wheel and the cap, and the steel wheel installation car is crowded and swerves to the tire side with. (It is possible to remove easily by changing 2-3 places and places and repeating.)

Roll the cloth etc. in the point of the wheel nut wrench for the damaged prevention.

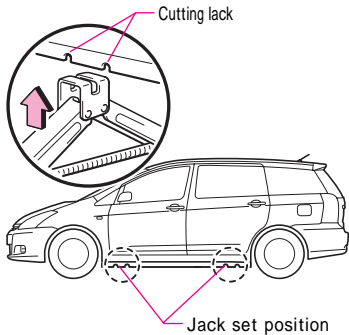


### 4 Loosen the nut.

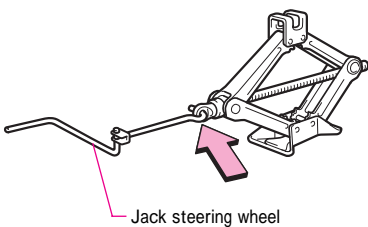
Loosen it by a little circumference in the order of figure in the nut to the left by the loincloth and the hand with a wheel nut wrench.



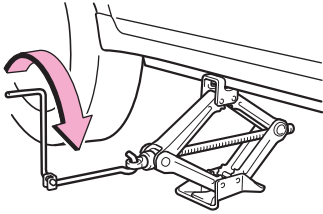
- 5** Raise the jack.  
Spent the part of A of the jack in the right by the hand and raise it to the position where the body is set the jack.



- 6** Put the jack on the jack set position (During the cutting lack).  
Put the jack on a jack set position near the changed tire.  
Confirm the jack surely hangs to the position where the body is set the jack. -  
The side mudguard installation car prevents the jack from hanging to the side mudguard and puts it on the jack set position.



- 7** Install the jack steering wheel.  
Insert the jack steering wheel in the hole part of the jack surely.

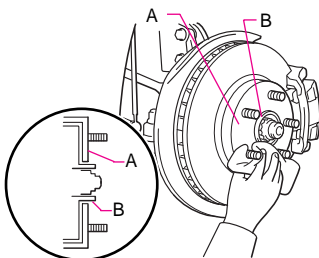
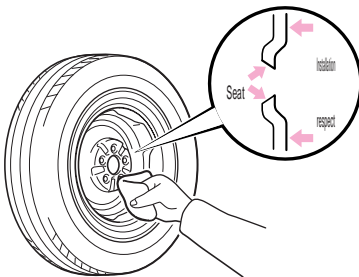


**8** The jack must improve.  
The jack must improve from ground to spending the jack steering wheel in the right and a little parting of the tire.

**9** Detach the nut.  
Spend the nut in the left by the hand, and detach it.

**10** Detach the tire.  
Do up and put the design side not to be damaged when you ground the aluminum foil directly.

**11** Install exchanged tires.  
- Install it after wiping the seat of the disc wheel and dirt in installation respect on the other side of the wheel off when you install the tire.



- Wipe dirt in A. B respect in figure off.

- Contents
- Warning
- Basic caries, operation
- Driving Handling device
- The Handling indoor equipment
- good. Safety of To theory (air) and equipment
- How to attention associate aiming car
- Maintenance
- Myriad One(D)
- Index

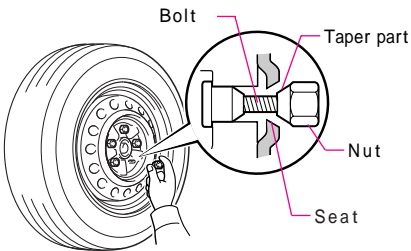
---

## 12 Tighten the nut temporarily.

Spend the nut in the right up to extent to which the tire doesn't shake by the hand and tighten temporarily.

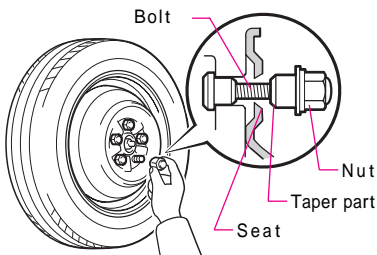
Remove the dirt of the taper part of the screw and the nut of the disc wheel installation bolt and the nut (other side of the washer in case of the aluminum foil) and the foreign body.

- Frog Nipponia nippon in the steel wheel (Include the temporal spare tire) from the steel wheel.



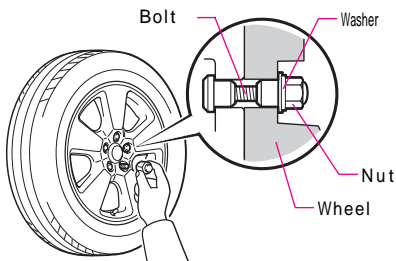
Tighten temporarily until the taper part of the nut lightly hits the seat of the wheel hole.

- .....
- Frog Nipponia nippon in the temporal spare tire from the aluminum foil.

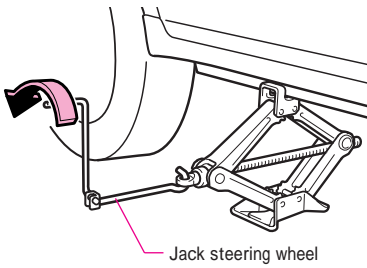


Tighten temporarily until the taper part of the nut lightly hits the seat of the wheel hole.

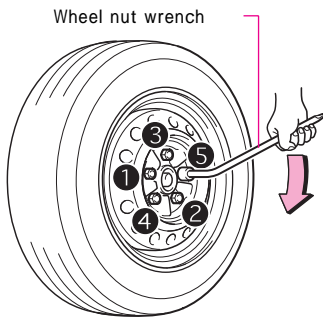
- .....
- Frog Nipponia nippon in the aluminum foil from the aluminum foil.



Tighten temporarily until the washer of the nut hits the wheel.

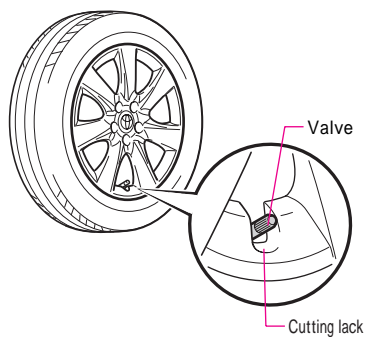


- 13 Sell the body wholesale.  
 Spend the jack steering wheel in the left and  
 sell the body wholesale.



- 14 Tighten the nut.  
 Tighten the nut enough right in the order  
 of figure over the loincloth and 2-3  
 degrees with a wheel nut wrench. -  
 Tightening torque:About  
 $105\text{N} \cdot \text{m}\{1050\text{kgf} \cdot \text{cm}\}$

- Contents
- Warning
- Basic  
services, operation
- Driving  
Handling  
device
- The  
Handling indoor  
equipment
- good. Safety  
of  
To  
theory/outline  
and  
equipment
- How  
to attention  
associate driving,  
car
- Maintenance
- Myriad  
One(D  
C  
m
- Index



- 15** Install the hubcap.  
Match the cutting lack to the valve of the tire (air entrance), and install the hubcap surely when you install the hubcap with the steel wheel installation car.

- 16** Put away the tool and the jack tire.

- 17** Check the air pressure in the tires.  
Refer to P.453.



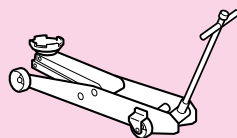
## Do not run while blowing out.

- Do not run while blowing out. It becomes an unstable running if keeping running while blowing out, might cause an unexpected accident, and is dangerous. Moreover, the tire disc wheel suspension and the body might be damaged. Exchange it at once for the spare tire. -
- Do not run for a long time with the removed standard tire stored in the spare tire storage tool. It might cause an unexpected accident and is dangerous. -
- The car that improves the jack under is not a mole at all. The body becomes the a celluloid board laid under written paper of the car if the jack comes off by any chance, and it reaches important injury or, in the worst case, it is likely to lead to the death. -
- The jack's having improved must not start up an engine. The jack comes off by the throb of an engine, and it causes an unexpected accident as the car begins to move, and it reaches important injury or, in the worst case, it is likely to lead to the death. -
- Guard the following. The body is damaged, and the jack comes off, and important injury might be received if it doesn't defend.
  - 蘆Pull up a car to the level place, and do the trig to the tire at the position of the corner when the jack improves. Confirm the tire can surely be fixed when substituting it by the stone etc. instead of the trig. Moreover, put the parking brake firmly.
  - 蘆The jack must not improve with the person taken.
  - 蘆On the jack and do not place the one below when the jack improves.
  - 蘆Confirm the jack surely hangs to the position where the body is set the jack.
  - 蘆Lift only necessary height for the tire exchange to the body.
- The person of the worker and the circumference must place the hand and his foot, etc. , important injury might be received, it is dangerous, and confirm surroundings, and work while noting it enough when you sell the body that improves the jack wholesale. -
- Confirm the wheel installation nut has shut surely. The wheel installation bolt and the brake parts are damaged, and it might cause an unexpected accident as the disc wheel comes off and is dangerous if not surely shutting. Tighten the nut in the reference value with the torque wrench in the Toyota shop as soon as possible after exchanging tires.
  - Tightening torque: About 105N. m{1050kgf·cm} -
- No oil and grease it to the nut and the bolt that installs the tire. The bolt might be damaged, and the disc wheel be damaged when tightening more than the necessity. Moreover, it might cause an unexpected accident as the tire comes off while the nut's loosening and running and is dangerous. -
- Receive the check in the Toyota shop etc. when abnormalities such as collapsing and the cracks are found in the bolt hole of the thread part and the disc wheel of the disc wheel installation bolt and the nut. It might cause an unexpected accident as it doesn't shut enough even if the nut is tightened when abnormalities such as collapsing and the cracks are found, and the disc wheel comes off and is dangerous.



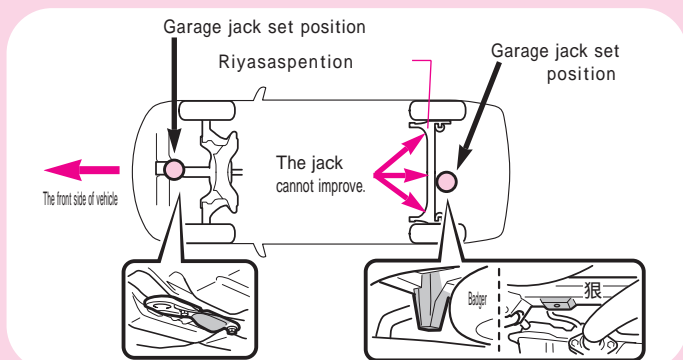
A special tool is needed, and when using it by mistake because special attention is needed for handling, the vehicle is damaged, and when the jack improves with jacks other than the jack installed by the car, it might cause an unexpected accident and is dangerous. Moreover, when the jack improves in Riyasapention (FF car) etc. , the vehicle might be damaged.

Consult the Toyota shop when it is necessary to use jacks other than the jack installed by the car. Moreover, hit it to the position where the figure below is set the garage jack when you use the garage jack.



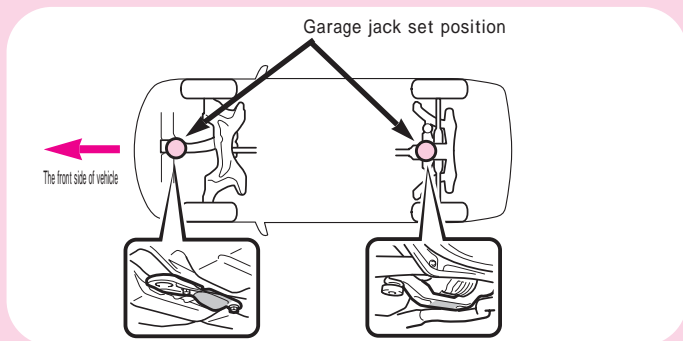
Garage jack

**FF car**



Badger 1.8L car and 2.0L car (G grade)  
狼 2.0L car (Z grade)

**4WD car**





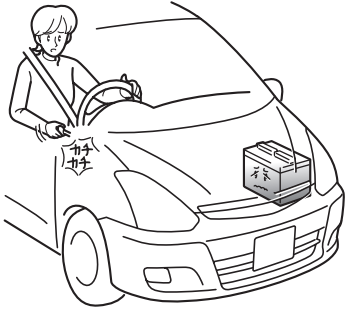
### Start be being very deep in the wheel nut the wheel nut wrench.

- Start be being very deep in the wheel nut the wheel nut wrench. The wrench comes off when tightening when the way to put the wheel nut wrench is shallow and it is likely to injure. -
- Do not use the extension (Refer to P.461) to detach the wheel nut. The extension comes off when power is put while detaching working, and it is likely to injure. -
- Do not take the hubcap giving a lot of care directly. Moreover, note handling enough. It is likely to injure. -
- Do not use it excluding the wheel nut wrench when you remove the hubcap. The disk wheel hubcap might be damaged. -
- The wheel installation nut loosens while running when the seat of the disc wheel and installation respect on the other side of the wheel are dirty with dust etc. , and the tire might come off. -
- Do not use the nut of the aluminum foil installation car excluding goods only for a Toyota pure aluminum foil. The nut loosens while running and the tire might come off. -
- Do not spend, and do not tighten more than the necessity with a pipe etc. stepping on the wheel nut wrench by the foot. The bolt that installs the tire might break. -
- Do not use the wheel installation nut disc wheel etc. with the wound and the transformation. -
- 
- Receive the check of the balance of the tire in the Toyota shop when the vibration occurs to the steering wheel and the body while running after exchanging tires. -
- Install the tire of the same size, the same manufacturer, the same brand, and the same tread pattern (ditch pattern) by four wheels and specified sizes when you exchange it for the new article.



# When the battery goes up

## What is the battery rising?



- The following states are rising of the battery.
- The starter doesn't turn, and the rotation is weak even if turning, and it doesn't engine starts easily.
- Headlamps are darker than usual.
- The sound of the horn is small or it doesn't ring.

## Method of treatment

It is not possible to start by the jump-start.

Request the rescue car, connect the booster cable, and start the engine. The battery of the rescue car must use 12V.

**1** The booster cable must tie.

The booster cable must tie in the following order.

滴 Terminal of battery ⊕ of car

涵 Terminal of battery of ⊕ rescue car

澆 Terminal of battery of ⊖ rescue car

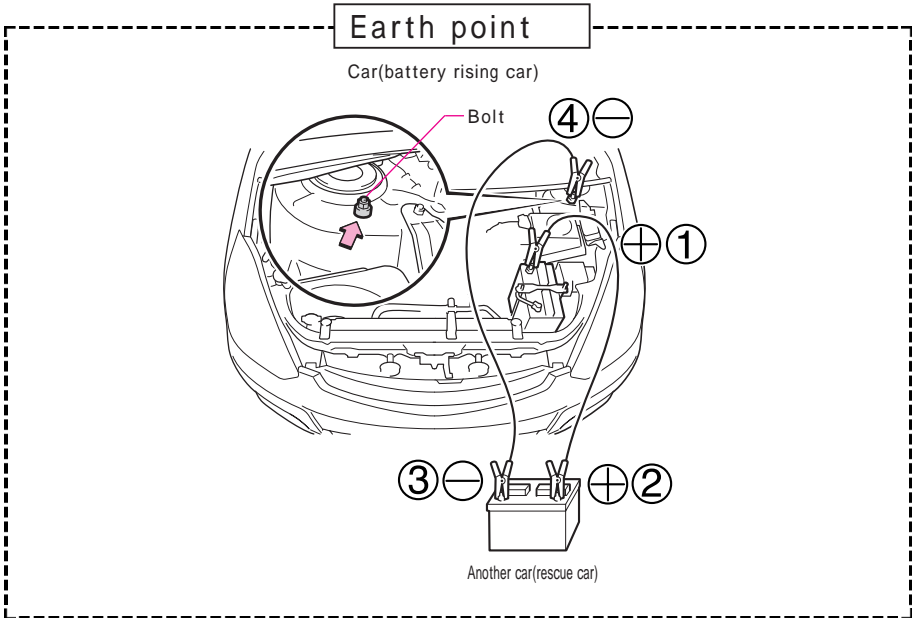
潺 Part directed in figure of next page (Take the earth.)

**2** Charge with the battery.

The engine of the rescue car must start, improve the engine rotational speed a little, maintain the rotation for about five minutes, and charge with the battery of the car (battery rising car) in the emergency.

**3** The engine of the car must start.

- 4** Remove the booster cable.  
 Remove in order opposite to time when the booster cable tied.



- Contents
- Warning
- Basic car uses, operation
- Driving Handling device
- The Handling indoor equipment
- Good. Safety of To theory/vehicle and equipment
- How to attention associate driving car
- Maintenance
- Myriad One/D
- Index

---

## To prevent the battery rising

- Do not light a lamp with the engine stopped, and do not use the audio air conditioner etc. -

Turn off the power supply of needless electrical equipment when stopping for a long time due to congestion etc. while the engine is rotating.



**Do not bring the fire close to the battery.**

- Guard the following. It ignites, it explodes to the combustible gas generated from the battery if it doesn't defend, important injury such as the burns might be received, and it is dangerous.

蘆湧 Connected car battery drinking ⊖ Do not tie to the terminal. Direct in the battery. And the spark are generated.

蘆 When you connect the booster cable ⊕ cable ⊖ Never touch the terminal. The spark is generated if it touches it.

蘆 Do not bring the fire close to the battery. -

Do not approach the battery while charging it. Important injury might be received when the battery liquid that is contained diluted sulphuric acid might spout, and it adheres to eyes and the skins and it is dangerous. Wash with bags of water at once, and receive the doctor's examination when you adhere by any chance. -

Do not connect the booster cable, do not touch the fan and the belt, etc. when detaching it, and approach. It might cause an unexpected accident by the hand and clothes', etc. being rolled and is dangerous. -

Tighten the nut of clamping surely when you exchange the batteries. It might connect with a vehicle fire by clamping coming off while running if it doesn't tighten surely, and shorting and is dangerous.



**The battery of the rescue car must use 12V.**

- The battery of another car (rescue car) should be 12V. Go after confirming the battery for 12V. -

Receive the check in the Toyota shop when it is easy to go up in the battery.

# MEMO

---

Contents



Warning

Basic  
services, operation

Driving  
Handling  
device

The  
Handling indoor  
equipment

Good Safety  
of  
To  
theory/vehicle  
and  
equipment

How  
to  
attention  
aiming  
car

Warranty

Myriad  
OneD

MC

Index