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4	**Maintenance and care**	Cleaning and protecting your vehicle, performing do-it-yourself maintenance, and maintenance information.
5	**When trouble arises**	What to do if the vehicle needs to be towed, gets a flat tire, or is involved in an accident.
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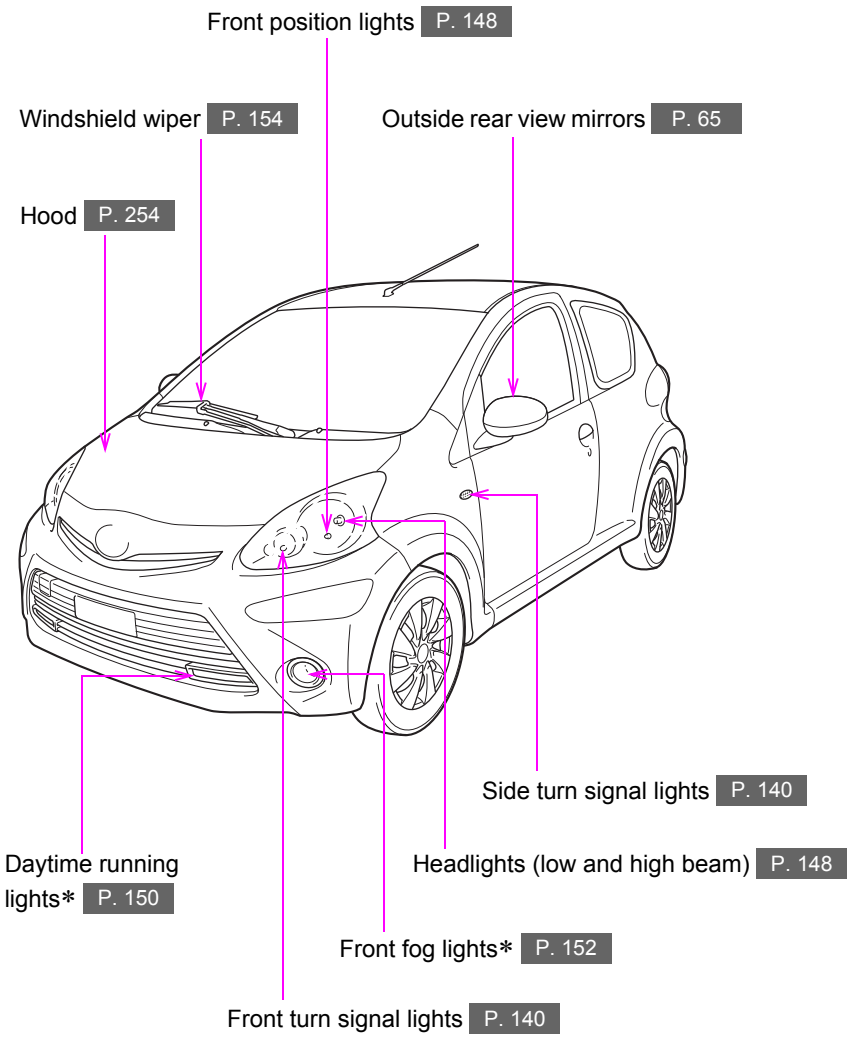

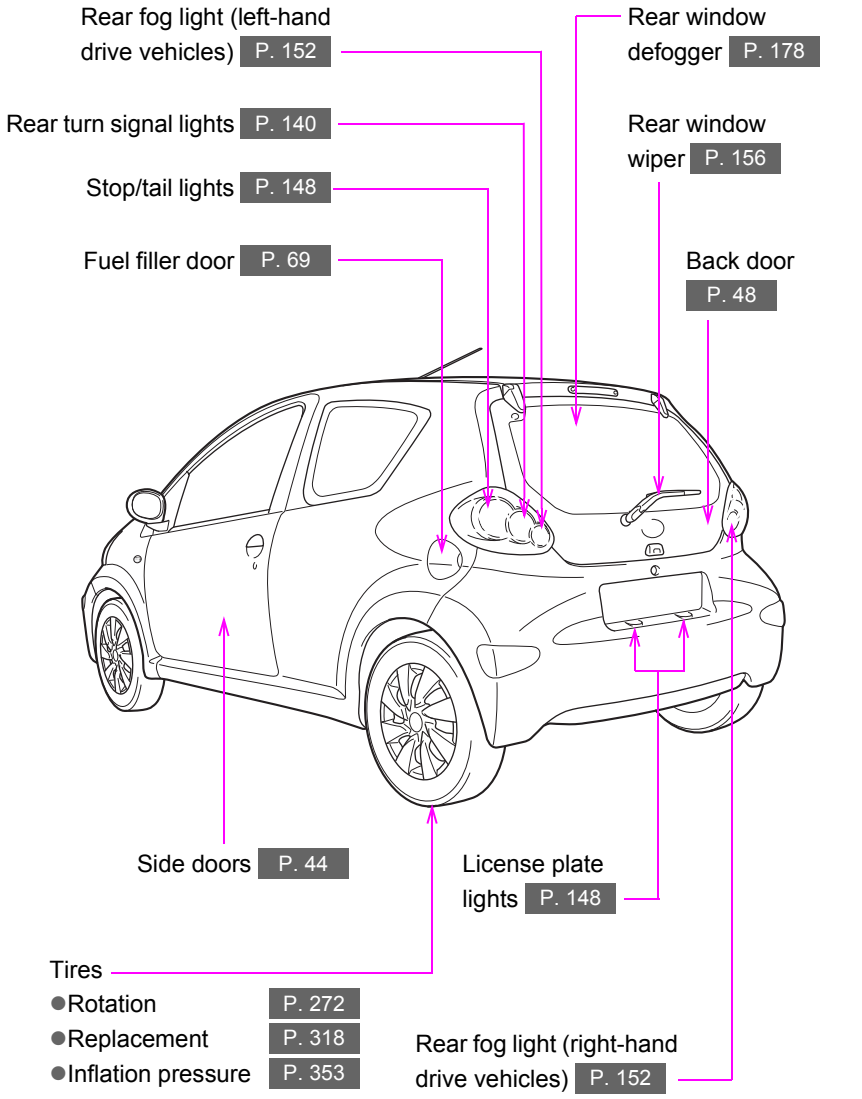
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*: If equipped

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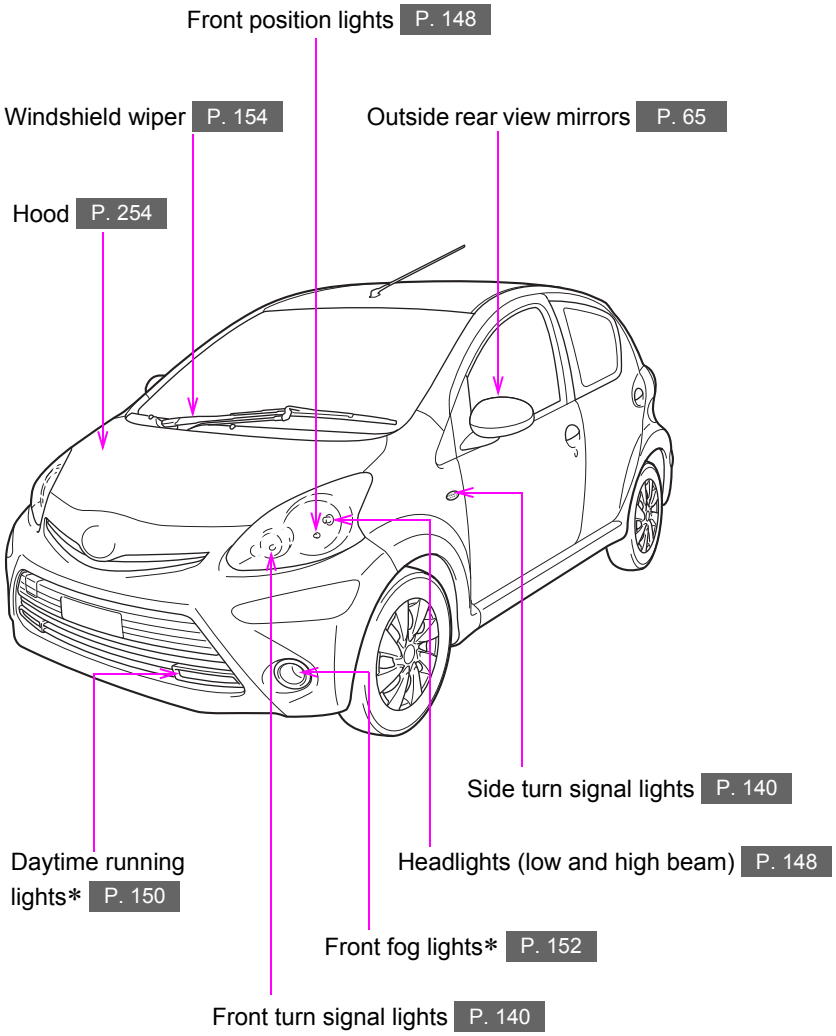

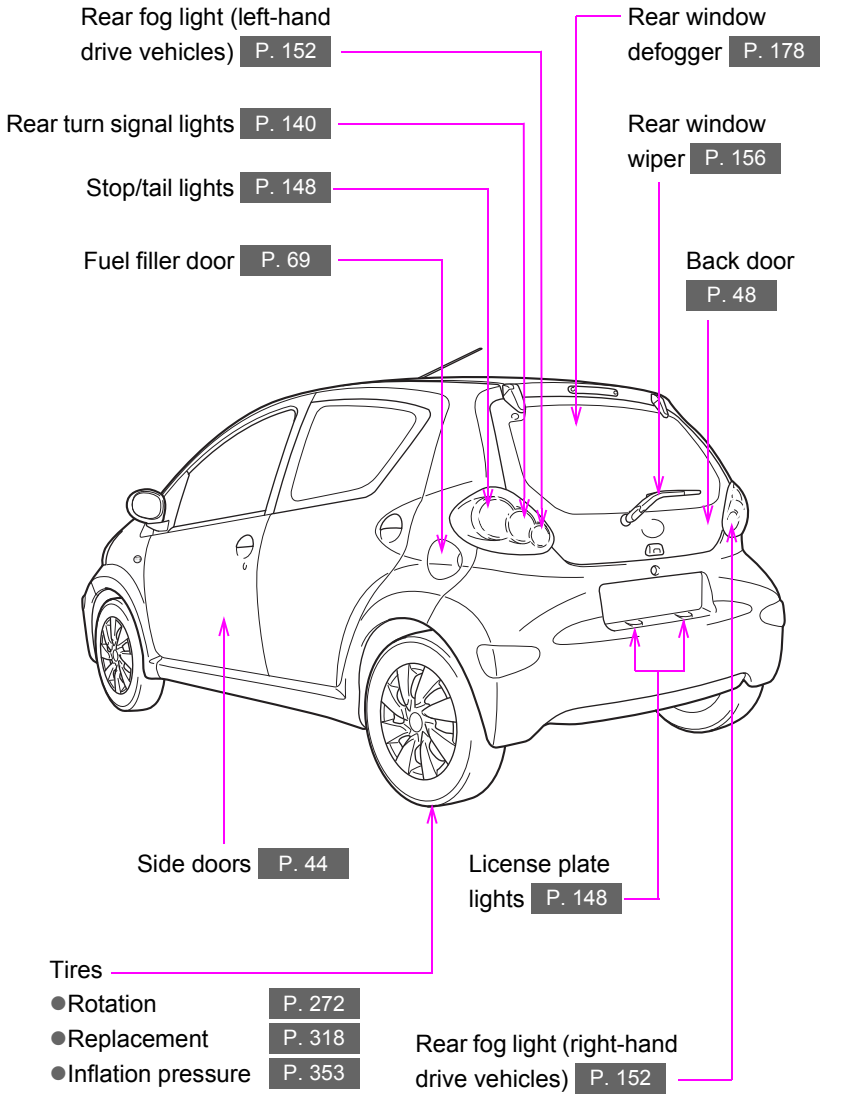
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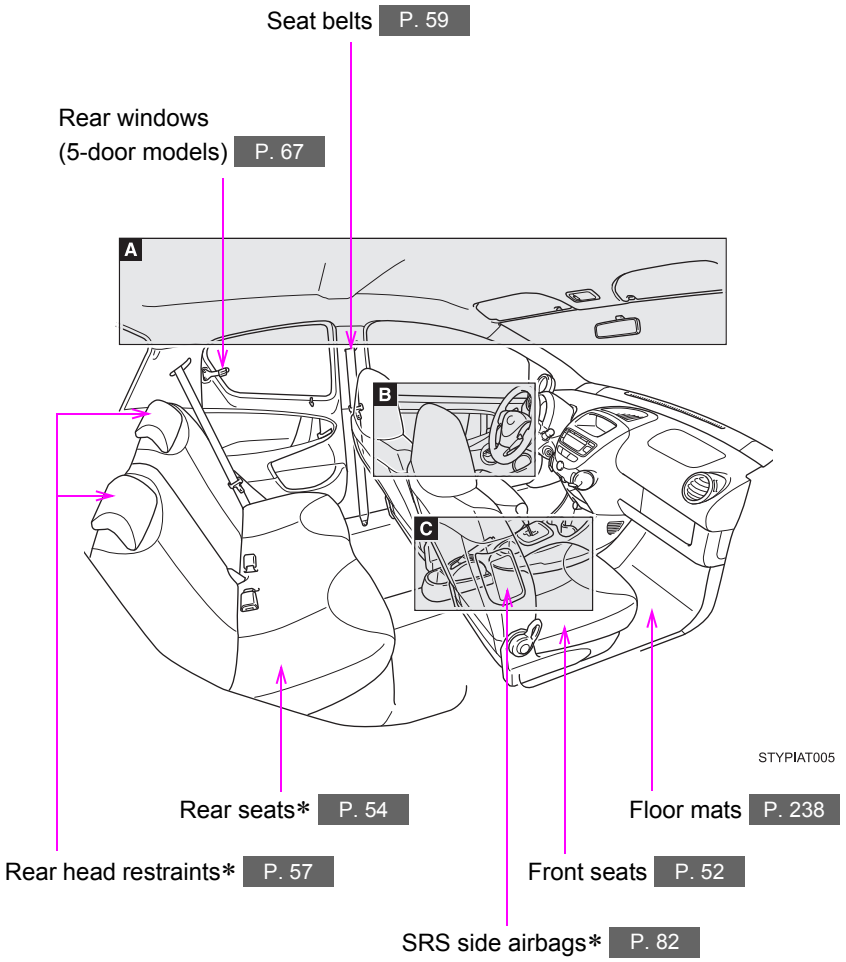
Interior (Left-hand drive vehicles)



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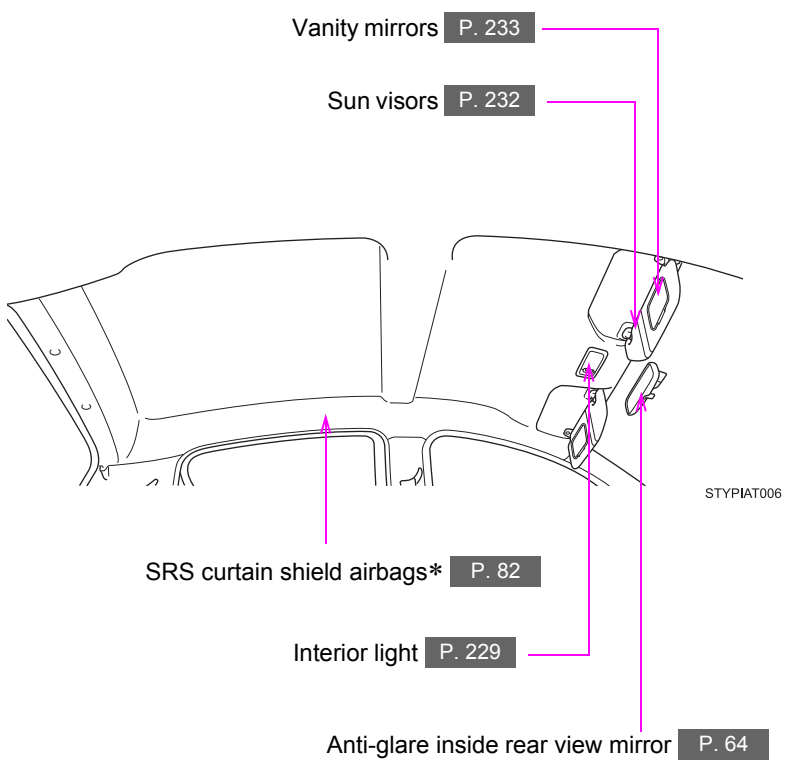
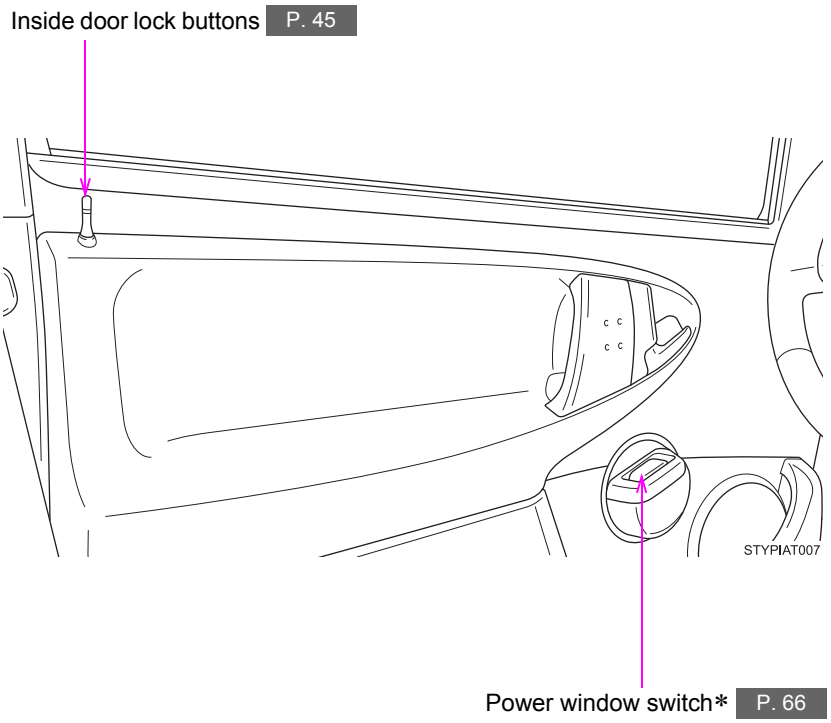


*: If equipped

Interior
(Left-hand drive vehicles)

B



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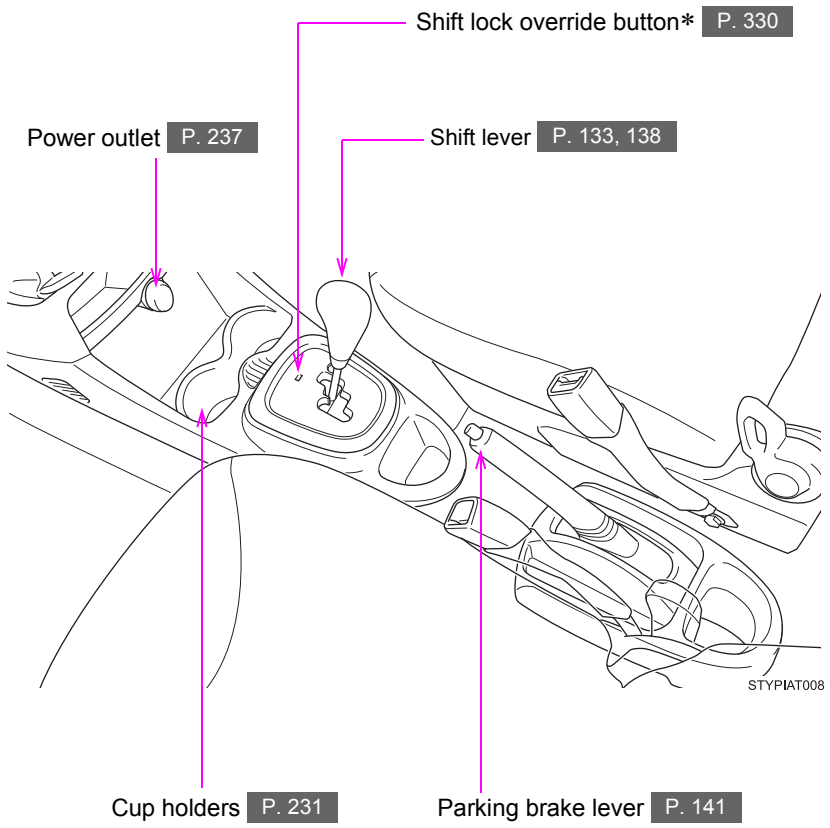

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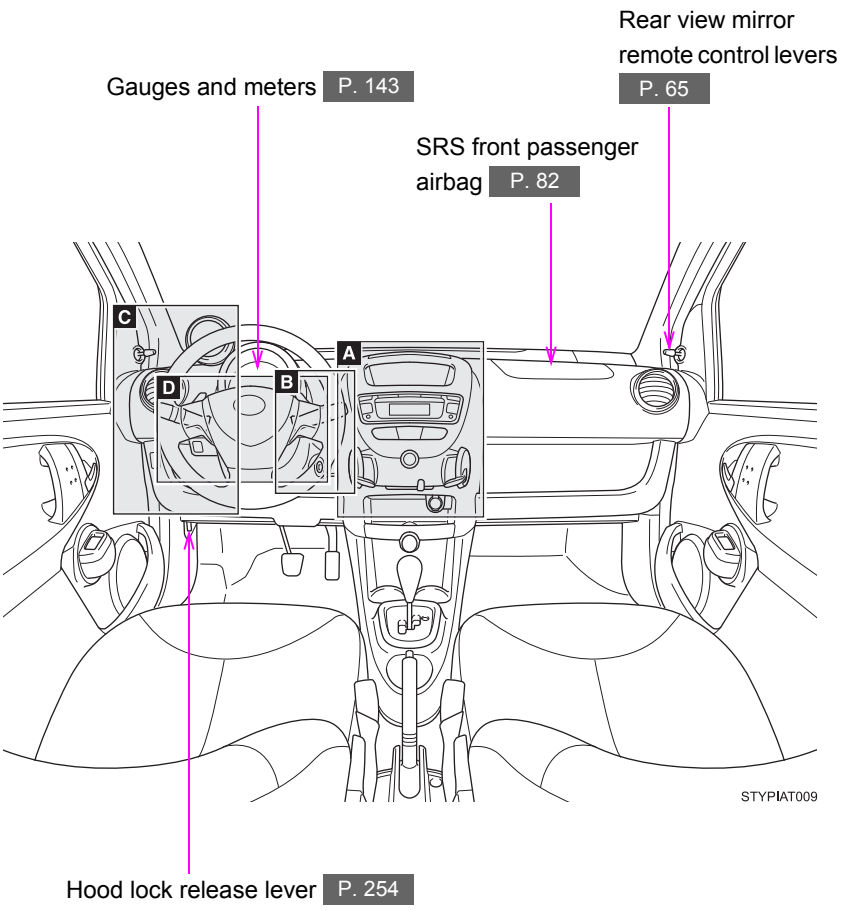
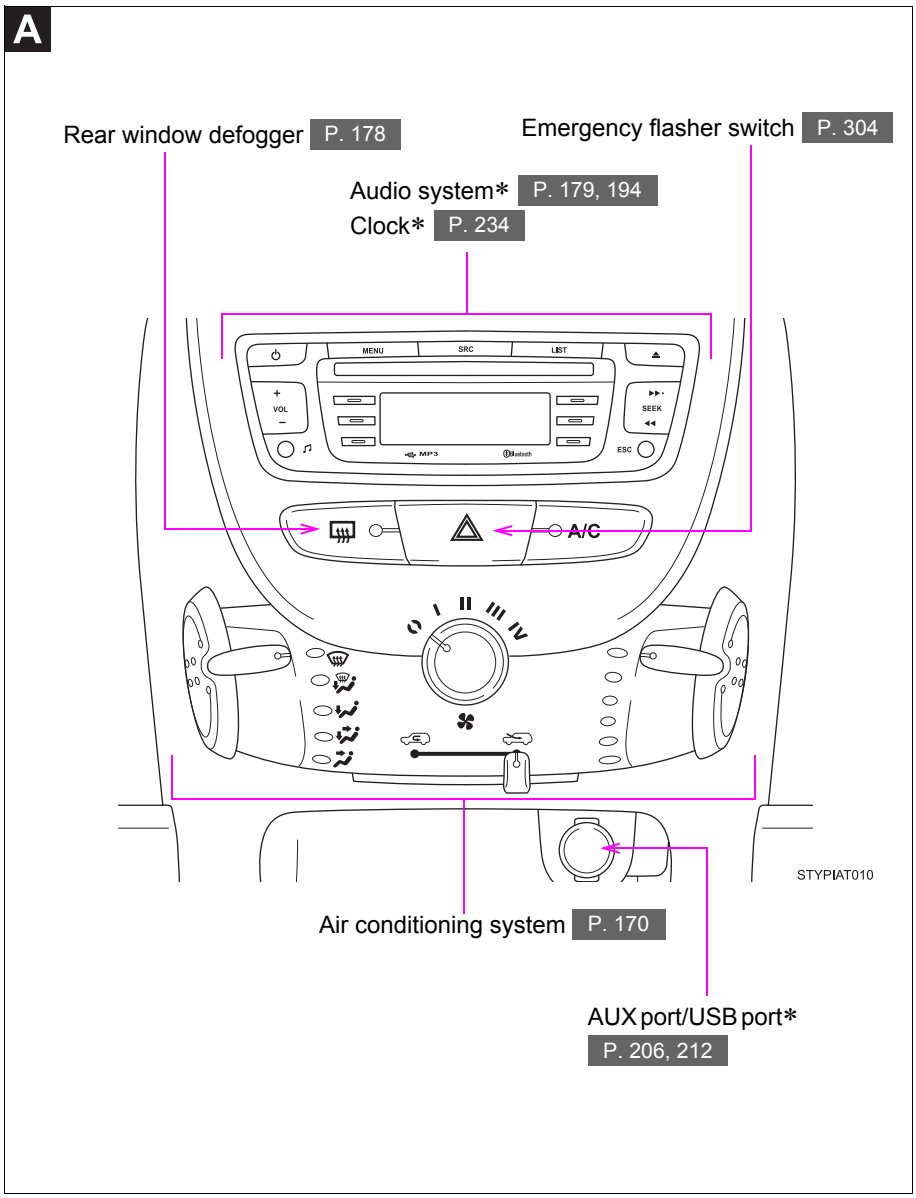
Instrument panel (Left-hand drive vehicles)

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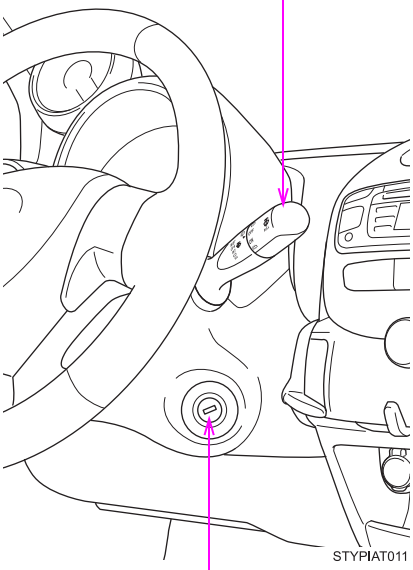

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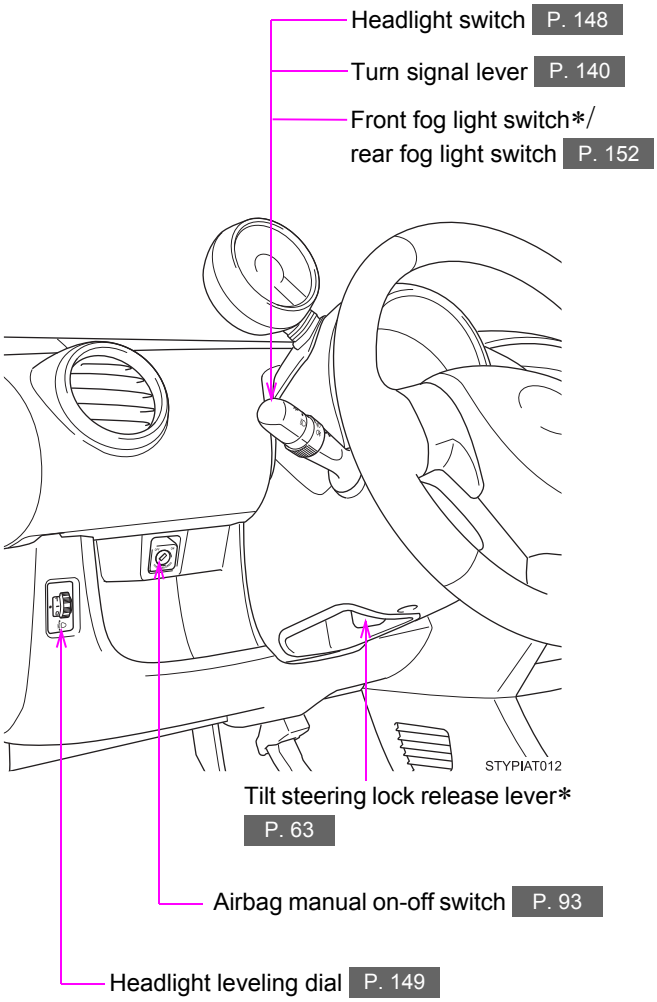

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Instrument panel (Left-hand drive vehicles)

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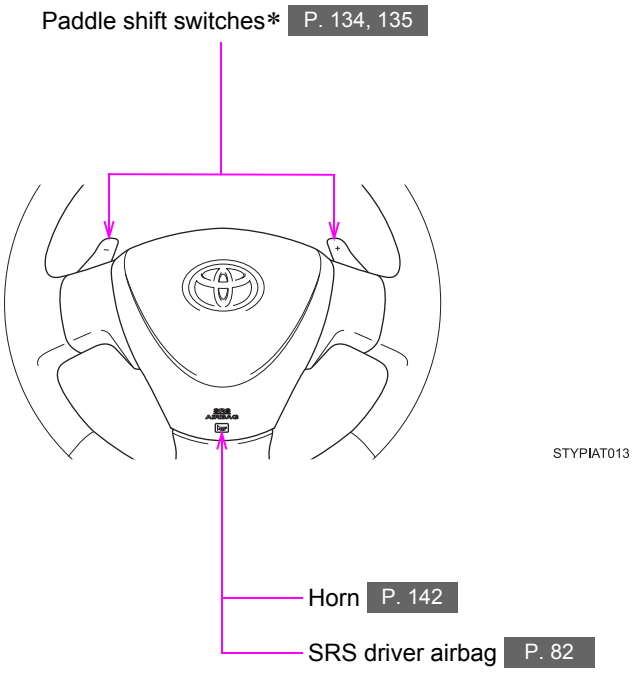

*: If equipped

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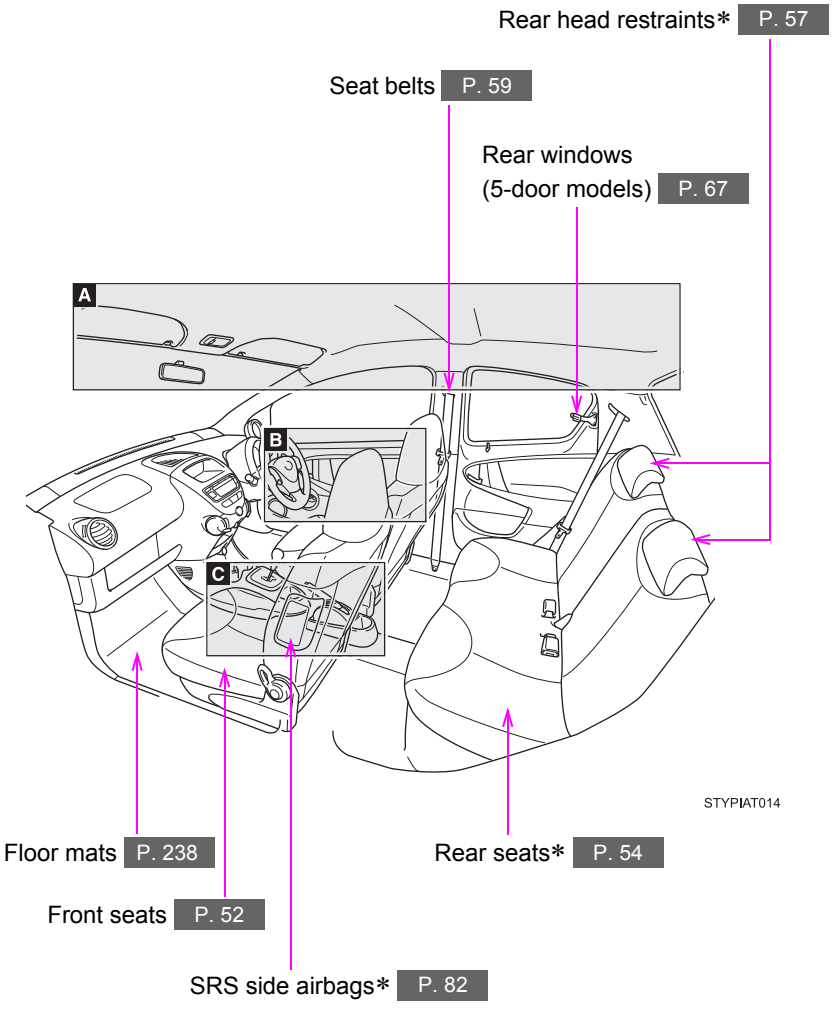
Interior (Right-hand drive vehicles)



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Interior (Right-hand drive vehicles)

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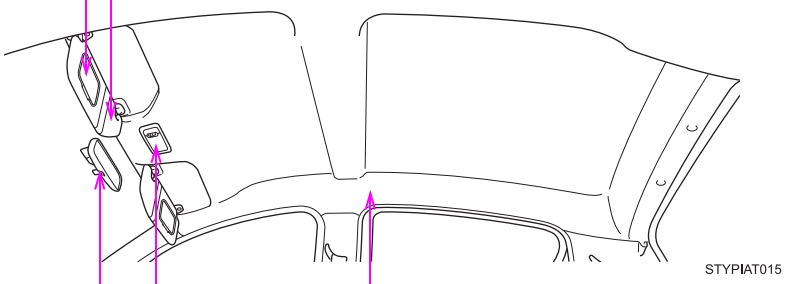

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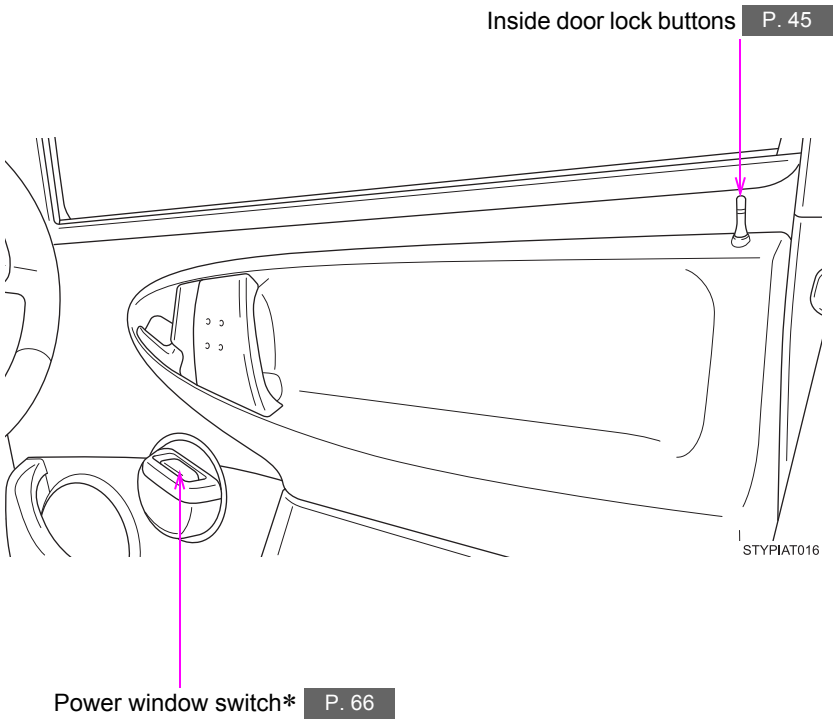

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Interior (Right-hand drive vehicles)

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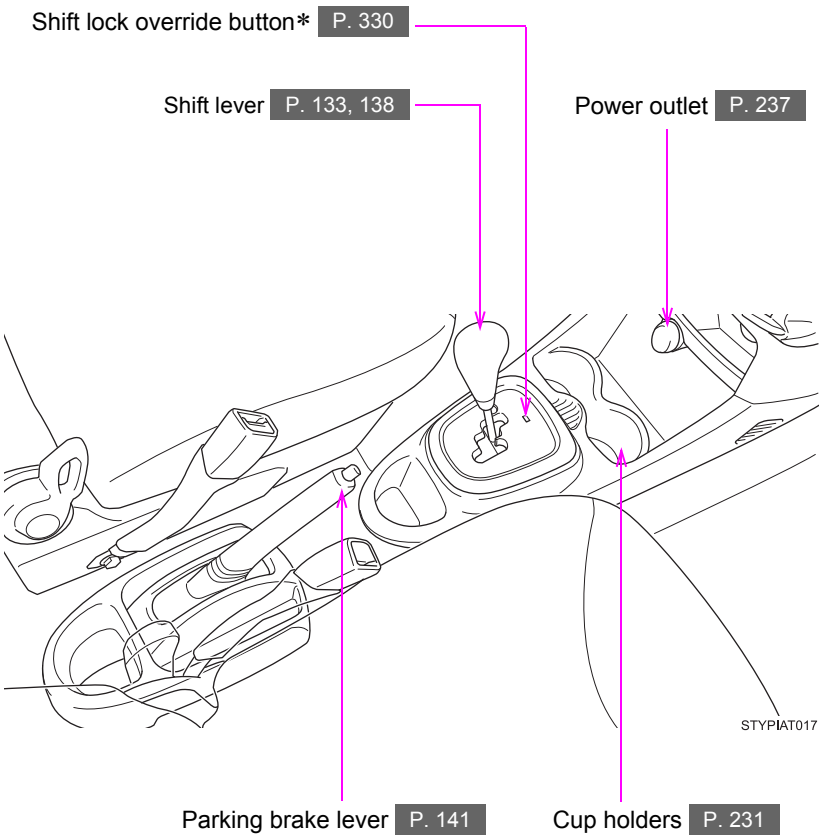

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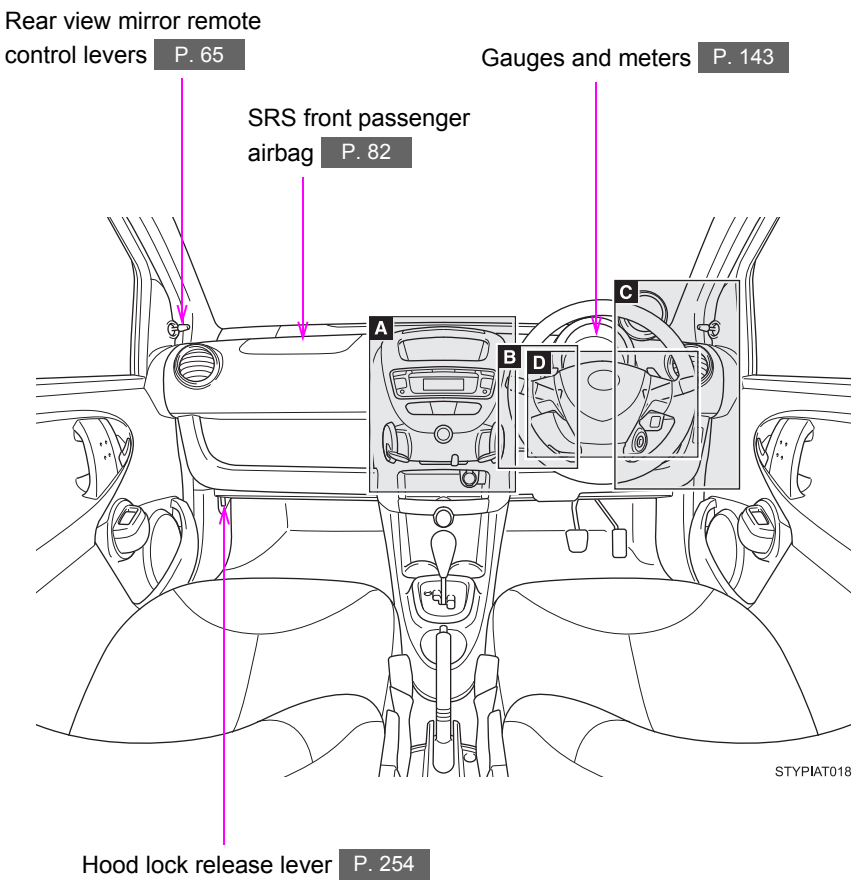
Pictorial index

Instrument panel (Right-hand drive vehicles)



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Instrument panel (Right-hand drive vehicles)

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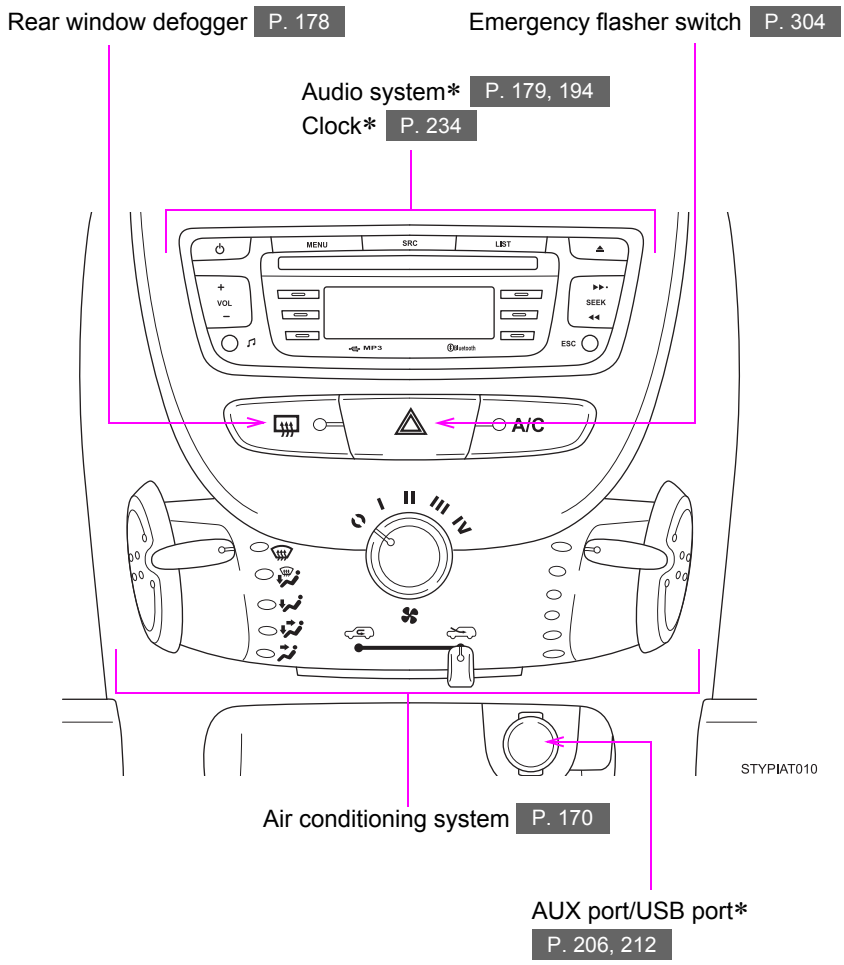

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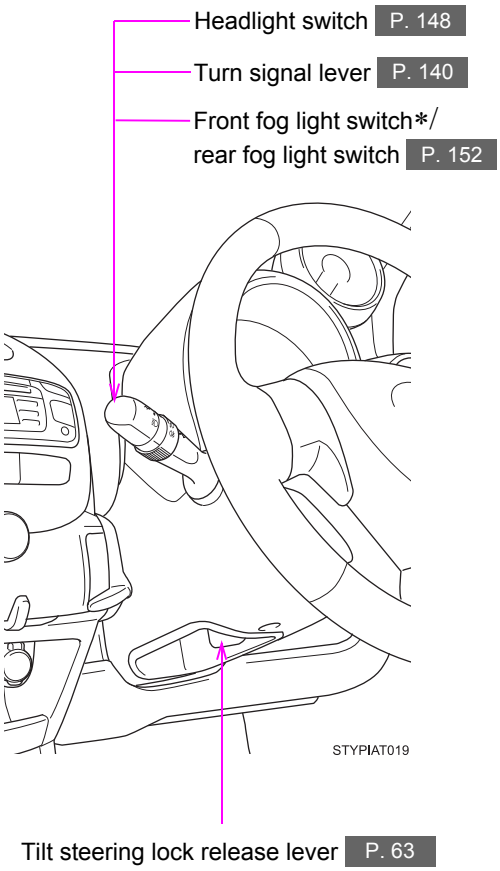

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Instrument panel (Right-hand drive vehicles)

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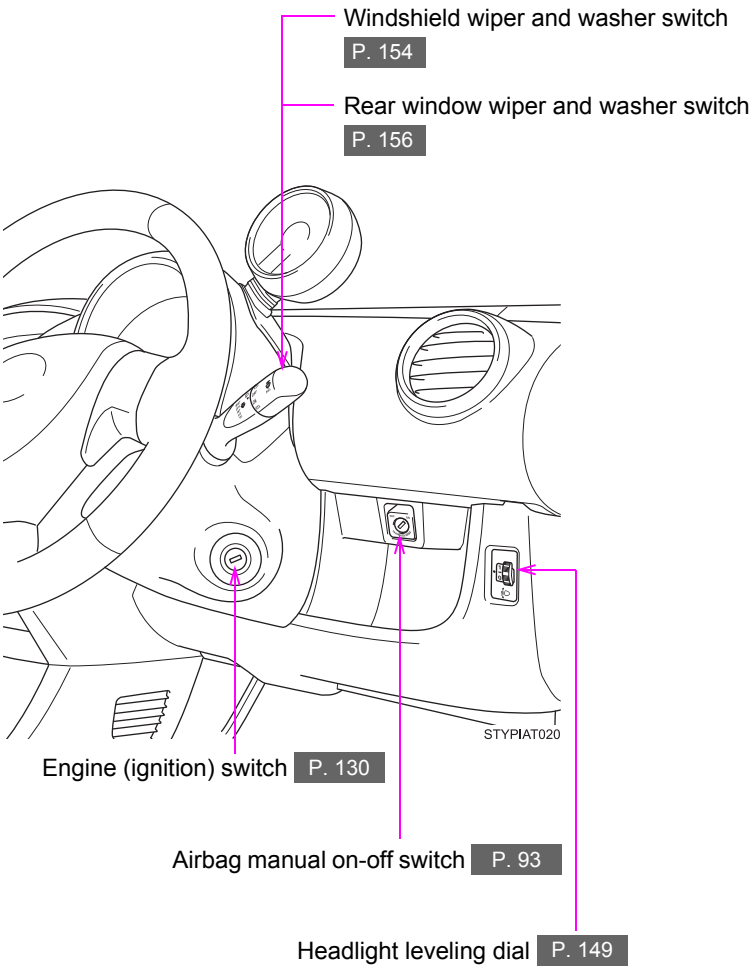

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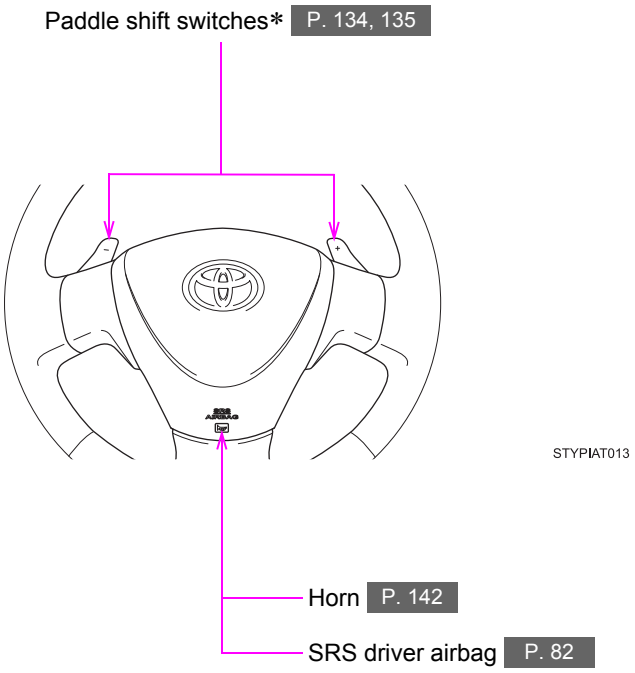


*: If equipped

For your information

Main Owner's Manual

Please note that this manual applies to all models and all equipment, including options. Therefore, you may find some explanations for equipment not installed on your vehicle.

All specifications provided in this manual are current at the time of printing. However, because of the Toyota policy of continual product improvement, we reserve the right to make changes at any time without notice.

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

Accessories, spare parts and modification of your Toyota

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

Installation of a RF-transmitter system

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

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

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

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

Scrapping of your Toyota

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

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

CAUTION

General precautions while driving

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

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

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

General precaution regarding children's safety

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

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

Symbols used throughout this manual

Cautions & Notices

CAUTION

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

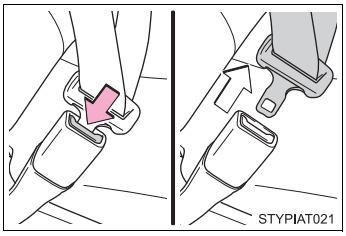
NOTICE

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

Symbols used in illustrations

Safety symbol

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



Arrows indicating operations

- Indicates the action (pushing, turning, etc.) used to operate switches and other devices.
- Indicates the outcome of an operation (e.g. a lid opens).

Before driving 1

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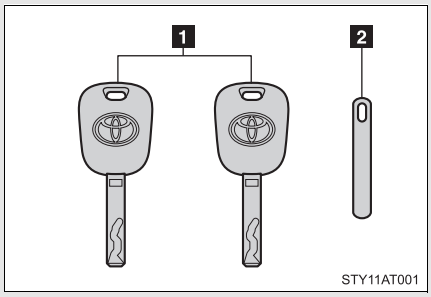
Keys

The following keys are provided with the vehicle.

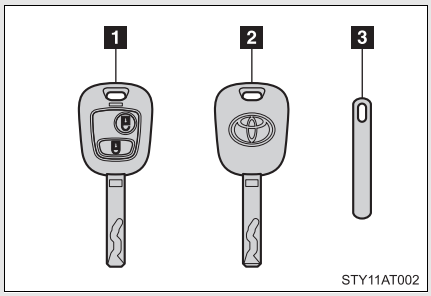
Type A



1 Keys

2 Key number plate

Type B



1 Key (with a wireless remote control function)

Operating the wireless remote control function (→P. 36)

2 Key (without a wireless remote control function)

3 Key number plate

Key number plate

Keep the plate in a safe place such as your wallet, not in the vehicle. In the event that a key is lost, a new key can be made by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional using the key number plate. (→P. 331)

When riding in an aircraft

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

NOTICE

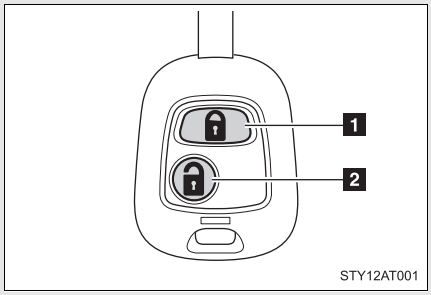
To prevent key damage

Observe the following:

- Do not subject the keys to strong shocks, expose them to high temperatures by placing them in direct sunlight, or get them wet.
- Do not expose the keys to electromagnetic materials or attach any material that blocks electromagnetic waves to the key surface.
- Do not disassemble the wireless remote control key.

Wireless remote control*

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



1 Locks all the doors
2 Unlocks all the doors

■ **Operation signals**

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

■ **Conditions affecting operation**

The wireless remote control function may not operate normally in the following situations:

- When the wireless key battery is depleted
- Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When carrying a portable radio, cellular phone or other wireless communication devices
- When the wireless key is in contact with, or is covered by a metallic object
- When other wireless key (that emit radio waves) is being used nearby
- If window tint with a metallic content or metallic objects are attached to the rear window

■ **Key battery depletion**

If the wireless remote control function does not operate, the battery may be depleted. Replace the battery when necessary. (→P. 280)

*: If equipped

Certification for wireless remote control

DECLARATION OF CONFORMITY

CE

This declaration is the responsibility of the manufacturer/ authorized representative within the Community :

VALEO SECURITE HABITACLE
42, rue le Corbusier 94042 CRETEIL Cedex FRANCE

(Name / Address)

This certifies that the following designated products

736 773-A & variant 736 774-A
(Product identification)

complies with the essential protection requirements of R&TTE Directive 1999/5/ EC on the approximation of the laws of the Member States relating to ***Radio Spectrum Matters, EMC*** and ***Electrical Safety.***
This declaration applies to all specimens manufactured in accordance with the technical documentation described in the annex II. VALEO SECURITE HABITACLE keep this documentation at the proposal of the relevant national authorities of any Member State for inspection purpose.
The essential requirements of the Directive 1999/5/ EC are based on the following standards:

Radio Spectrum : .....EN 300 220-1& 3.....
(Identification of regulations / standards)

EMC : .....EN 301 489 part 1 & 3.....
(Identification of regulations / standards)

Safety : ..... EN 60950...
(Identification of regulations / standards)

(Place, date) (Signature)

Créteil le 23/12/03

(Name in block letters)
N.ALTAVILLA

DECLARATION OF CONFORMITY

CE

This declaration is the responsibility of the manufacturer / authorised representative within the Community :

VALEO SECURITE HABITACLE
42, rue le Corbusier 94042 CRETEIL Cedex FRANCE
(Name / Address)

This certifies that the following designated product

VALTX10
(Product identification)

complies with the essential protection requirements of R&TTE Directive 1999/5/ EC on the approximation of the laws of the Member States relating to ***Radio Spectrum Matters, EMC*** and ***Electrical Safety.***
This declaration applies to all specimens manufactured in accordance with the technical documentation described in the annex II. VALEO SECURITE HABITACLE keep this documentation at the proposal of the relevant national authorities of any Member State for inspection purpose.
Assessment of compliance of the product with the requirements relating to the essential requirements acc. to Article 3 R&TTE was based on Annex IV of the Directive 1999/5/ EC and the following standards:

Radio Spectrum : .....EN 300 220-1&3.....
(Identification of regulations / standards)

EMC : .....EN 300 489 Part 1&3.....
(Identification of regulations / standards)

Safety : .....EN 60950.....
(Identification of regulations / standards)

The Transmitter **VALTX10** is a 433.92MHz radio equipment submitted to harmonised standards. This device is licence exempt and may be distributed in the European countries which apply the R&TTE directive : Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and UK.

(Place, date) (Signature)

Créteil le 23/12/03

(Name in block letters)
N.ALTAVILLA

Prohlášení o shodě

rádiového zařízení s ustanoveními nařízení vlády č. 426/2000 Sb., kterým se stanoví technické požadavky na rádiová a na telekomunikační koncová zařízení.

[výrobce / dovozce]:	*Toyota Motors Czech spol. sr.o.* *Service Dpt Šafránkova 1 155 00 Praha 5* *Czech Repuhlic* *IČO : 60198435*

tímto prohlašuje, že výrobek

druh, kód:	*Povelové a zabezpečovací zařízení automobilů, kód: 5732 /* *zařízení pro zabezpečení automobilů < 27 MHz ; kód: 5832*
typové označení:	*VALTX10 (transmitter) / 736 773-A & variant 736 774-A (receiver)*
specifikace:	*Remote Keyless Entry System*
výrobce:	*VALEO Sécurité Habitacle 42 rue le Corbusier Europarc* *94042 CRETEIL Cedex FRANCE*
pásmo přeladitelnosti:	*433.92 MHz Fixed ± 200 KHz*
vf výkon	*– 15,9 dBm (25,7 µW)*
pásmo pracovních kmitočtů:	*433.92 MHz „1 kanál"*
kanálová rozteč:	———
druh vysílání:	*4K47A1D*
druh modulace:	*AM*
účel použití:	*Remote Keyless Entry System*

splňuje požadavky Generální licence Českého telekomunikačního úřadu č. GL – 30 /R/2000, dále splňuje požadavky těchto norem a předpisů, příslušných pro daný druh zařízení:

rádiové parametry:	*ČTN PI – EN 300220–1 V1.3.1 - 09/2000*
EMC:	*ČTN PI - EN 301489, Parts 1 & 3 – 08/2002*
elektrická bezpečnost:	*ČTN PI - EN 60950*

a že je bezpečný za podmínek obvyklého použití. Shoda byla posouzena v souladu s § 3, bod 1, písm. b), příloha 3 nařízení vlády č. 426/2000 Sb., kterým se stanoví technické požadavky na rádiová a na telekomunikační koncová zařízení.

Prohlášení o shodě je vydáváno na základě těchto podkladů:

zkušební protokol č *RFI/MPTB1/RP42088A* , vydaný akreditovanou laboratoří č. **UKAS 0644/0644SI Radio Frequency Investigation Ltd Ewhurst Park, Ramsdell, Basingstoke, Hampshire RG26 5RQ United Kingdom**

zkušební protokol č. **Telefication 99486120, 99486230, 99486220,** *99486250* vydaný akreditovanou laboratoří č. **Dutch Accreditation Council RvA** *L 021 – Telefication bv, Edisonstraat 12a 6902 PK Zevenaar The Netherlands.*
zkušební protokol č **EMITECH RS-01-40357/GG** vydaný akreditovanou laboratoří č **COFRAC 1-107 EMITECH 3 rue des Coudriers – CAP 78 ZA de l'observatoire 78180 Montigny le Bretonneux FRANCE**

Toto prohlášení je vydáno na výhradní odpovědnost výrobce (dovozce).

V Praze dne 29.3.2004

PETR STANĚK, service manager

Toyota Motor Czech spol. s r.o., Šafránkova 1, Praha 5 155 00
Tel : +420 255 706 861
Fax : +420 255 706 892
e-mail: petr.stanek@toyota.cz

ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ

DECLARATION OF CONFORMITY

(В съответствие с Наредба за съществените изисквания и оценяване съответствието на радиосъоръжения и крайни далекосъобщителни устройства – ДВ, бр. 79/2002 г.)
(In accordance with the Ordinance for essential requirements and conformity assessment of radio equipment and telecommunications terminal equipment – State Gazette, issue 79/2002)

Долуподписаният
Undersigned
….....Mr Sarantos Metaxopoulos.....…….....……
(Производител или лице, отговорно за пускане на продукта на пазара)
(Manufacturer or person responsible for placing the product on the market)

Адрес: ..... TM Auto OOD 163 Tsarigradsko Shosse Sofia 1784 BULGARIA.....

Address:

Седалище: ..... TM Auto OOD.....
Head Office:

Лице за контакти: ..... Mr Sarantos Metaxopoulos.....
Contact person:

Телефон: .....00359 29 60 4100..... **Факс:** .....00359 29 60 41 09.....
Phone: Fax:

Електронна поща .....…… smetaxopoulos@toyota.bg…….....
E-mail:

ДЕКЛАРИРАМ

на своя отговорност, че радиосъоръжението/крайното далекосъобщително устройство

DECLARE

under our sole responsibility that the radioequipment/telecommunications terminal equipment

Марка .....**VALEO**.....…… ……..…
Brand

Вид (например модем) .....**Remote keyless Entry System** …
Type (e.g. modem)

Модел (наименование или означение) .....**VALTX10 / 736 773-A & variant 736 774-A**.....…
Model (denomination or denotation)

Производител: .....**VALEO Sécurité Habitacle**.....……..……
Manufacturer:

съответства на съществените изисквания по чл. 10, чл. 11 (само за радиосъоръжения) **и на другите изисквания от** ***Наредбата за съществените изисквания и оценяване на съответствието на радиосъоръжения и крайни далекосъобщителни устройства*** **(ДВ, бр. 79/2002), когато се използва по предназначение,**

Complies with the essential requirements of art. 10, art. 11 (for radio equipment only) and the other relevant provisions of the *Ordinance for essential requirements and conformity assessment of radio equipment and telecommunications terminal equipment* (promulgated in the State Gazette, issue 79/2002) when used for its intended purpose.

и на следните хармонизирани стандарти (ако такива са приложени)**:**
and with the following harmonized standards (if such are applied):

За безопасност (във връзка с чл.10, т. 1 и 2 от Наредбата):
For helth and safety (pursuant to art. 10, paragraph 1 and 2 of the Ordinance):

.....**EN 60950**.....

.....

.....
(Означение и година на издаване)
(Denotation and year of issue)

За ЕМС (във връзка с чл. 10, т.3 от Наредбата):
For EMC (pursuant to art. 10, paragraph 3 of the Ordinance):

.....**EN 301489 Part 1 & 3 (August 2002)**.....

.....

.....

.....
(Означение и година на издаване)
(Denotation and year of issue)

За ефективно използване на радиочестотния спектър (във връзка с чл. 11 от Наредбата):
For efficient use of the radio frequency spectrum (pursuant to art. 11 of the Ordinance):

.....**EN 300220-1 V1-3-1..(september 2000)**..... ....

.....

.....

.....
(Означение и година на издаване)
(Denotation and year of issue)

Устройството се маркира с маркировката за съответствие
The equipment carry conformity mark

Идентификационният номер на лицето за оценяване на съответствието (ако е участвало в процедурата) **е:**
Identification number of the Conformity Assessment Body is (if it participated in the prosedure):

Устройството се маркира със специфичната маркировка, предупреждаваща потребителя, че пускането му в действие в Р. България е забранено или е свързано с лицензиране или регистрация (само за радиосъоръжения от списъка по чл. 29, ал. 1 и 2 от Закона за далекосъобщенията)
The equipment carry specific indication mark warning the consumer that its putting into service in Bulgaria is forbidden or is connected with licensing or registration (for radio equipment from the list as per Art. 29 paragraphs 1 and 2 of the Telecommunications Law only)

Място и дата: ..Sofia 20 April 2004.....
Place and date:

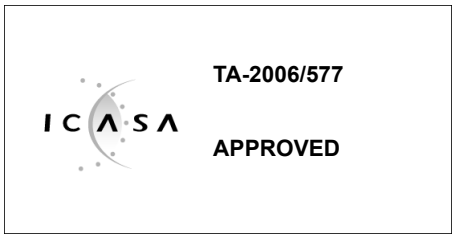
Подпис:
Signature:

Име и длъжност:
Name and position: Sarantos Metaxopoulos
General Manager.....

ТМ-АУТО ООД
TOYOTA

Česky [Czech]	Valeo Security Systems tímto prohlašuje, že tento VALTX10, 736773-A & 736774-A je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]	Undertegnede Valeo Security Systems erklærer herved, at følgende udstyr VALTX10, 736773-A & 736774-A overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]	Hiermit erklärt Valeo Security Systems , dass sich das Gerät VALTX10, 736773-A & 736774-A, 736773-A & 736774-A in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]	Käesolevaga kinnitab Valeo Security Systems seadme VALTX10, 736773-A & 736774-A, 736773-A & 736774-A vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, Valeo Security Systems declares that this VALTX10, 736773-A & 736774-A is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]	Por medio de la presente Valeo Security Systems declara que VALTX10, 736773-A & 736774-A cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Valeo Security Systems ΔΗΛΩΝΕΙ ΟΤΙ VALTX10, 736773-A & 736774-A ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Français [French]	Par la présente Valeo Security Systems déclare que les appareils VALTX10, 736773-A & 736774-A sont conformes aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano [Italian]	Con la presente Valeo Security Systems dichiara che questo VALTX10, 736773-A & 736774-A è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]	Ar šo Valeo Security Systems deklarē, ka VALTX10, 736773-A & 736774-A atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo Valeo Security Systems deklaruoja, kad šis VALTX10, 736773-A & 736774-A atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart Valeo Security Systems dat het toestel VALTX10, 736773-A & 736774-A in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]	Hawnhekk, Valeo Security Systems , jiddikjara li dan VALTX10, 736773-A & 736774-A jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti ohrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]	Alulírott, Valeo Security Systems nyilatkozom, hogy a VALTX10, 736773-A & 736774-A megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym Valeo Security Systems oświadcza, że VALTX10, 736773-A & 736774-A jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Português [Portuguese]	Valeo Security Systems declara que este VALTX10, 736773-A & 736774-A está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Slovensko [Slovenian]	Valeo Security Systems izjavlja, da je ta VALTX10, 736773-A & 736774-A v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky [Slovak]	Valeo Security Systems týmto vyhlasuje, že VALTX10, 736773-A & 736774-A spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi [Finnish]	Valeo Security Systems vakuuttaa täten että VALTX10, 736773-A & 736774-A tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]	Härmed intygar Valeo Security Systems att denna VALTX10, 736773-A & 736774-A står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Íslenska [Icelandic]	Hér með lýsir Valeo Security Systems yfir því að VALTX10, 736773-A & 736774-A er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Crnogorski jezik [Montenegrin]	Ovim ,Valeo Security Sytems, izjavljuje da ovaj VALTX10, 736773-A & 736774-A je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Norsk [Norwegian]	Valeo Security Systems erklærer herved at utstyret VALTX10, 736773-A & 736774-A er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

ICASA
TA-2006/578
APPROVED


ICASA
TA-2006/577
APPROVED

Side doors

The vehicle can be locked and unlocked using the key or wireless remote control.

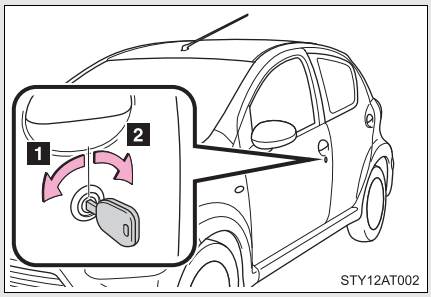
■ Wireless remote control (if equipped)

→P. 36

■ Keys

Turning the key operates the doors as follows:

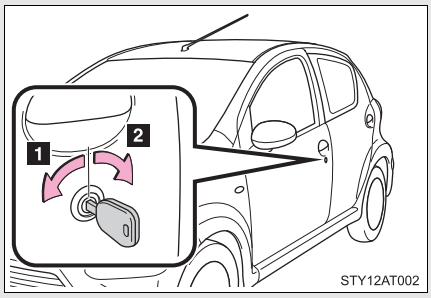
Driver's door (vehicles without a power door lock system)



1 Locks the door

2 Unlocks the door

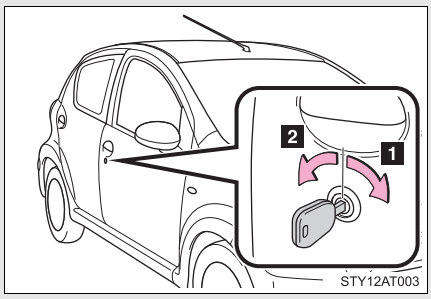
Driver's door (vehicles with a power door lock system)



1 Locks all the doors

2 Unlocks all the doors

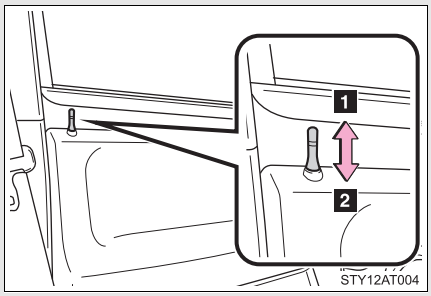
Front passenger's door



1 Locks the door
2 Unlocks the door

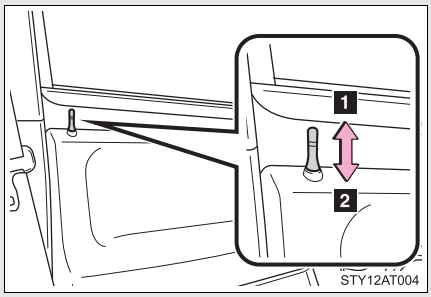
■ **Inside door lock buttons**

Driver's door (vehicles without a power door lock system)



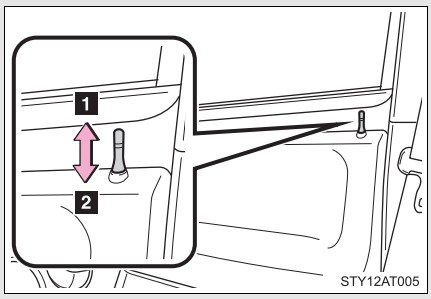
1 Unlocks the door
2 Locks the door

Driver's door (vehicles with a power door lock system)



1 Unlocks all the door
2 Locks all the door

Passenger's door



1 Unlocks the door

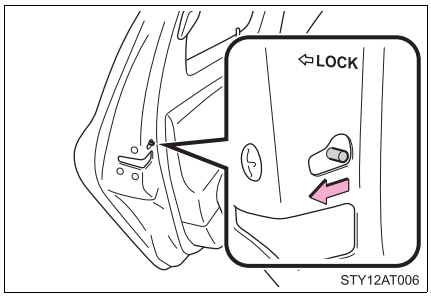
2 Locks the door

Locking the front doors from the outside without a key

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

STEP 2 Close the door while pulling the door handle.

Rear door child-protector lock (5-door models only)



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

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

CAUTION

■ **To prevent an accident**

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

- Always use a seat belt.
- Ensure that all the doors are properly closed.
- Do not pull the inside handle of the doors while driving.
  The doors may be opened and the passengers are thrown out of the vehicle and it may result in serious injury or death.
- 5-door models: Set the rear door child-protector locks when children are seated in the rear seats.

Back door

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

■ Locking and unlocking the back door

Keys (vehicles with a power door lock system)

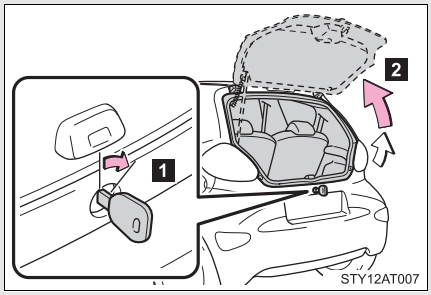
→P. 44

Wireless remote control (if equipped)

→P. 36

■ Opening the back door from outside the vehicle

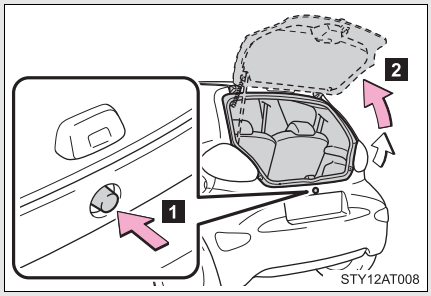
Vehicles without a power door lock system



1 Turn the key clockwise

2 Raise

Vehicles with a power door lock system



1 Press the lock release button

2 Raise

CAUTION

■ **Caution while driving**

- Keep the back door closed while driving.
  If the back door is left open, it may hit near-by objects while driving or luggage may be unexpectedly thrown out, causing an accident.
  In addition, exhaust gases may enter the vehicle, causing death or a serious health hazard. Make sure to close the back door before driving.
- Before driving the vehicle, make sure that the back door is fully closed. If the back door is not fully closed, it may open unexpectedly while driving, causing an accident.
- Never let anyone sit in the luggage compartment. In the event of sudden braking or a collision, they are susceptible to death or serious injury.

■ **When children are in the vehicle**

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

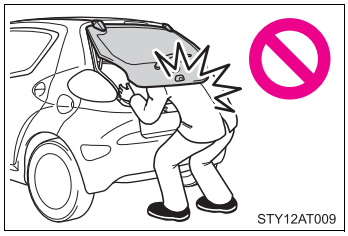
- Do not leave children alone in the luggage compartment.
  If a child is accidentally locked in the luggage compartment, they could have heat exhaustion.
- Do not allow a child to open or close the back door.
  Doing so may cause the back door to move unexpectedly, or cause the child's hands, head,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

CAUTION

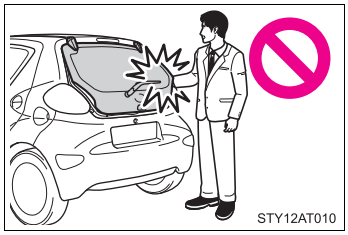
■ **Operating the back door**

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

- Remove any heavy loads, such as snow and ice, from the back door before opening it. Failure to do so may cause the back door to fall closed again after it is opened.
- When opening or closing the back door, thoroughly check to make sure the surrounding area is safe.
- If anyone is in the vicinity, make sure they are safe and let them know that the back door is about to open or close.
- Use caution when opening or closing the back door in windy weather as it may move abruptly in strong wind.



- The back door may fall if it is not opened fully. It is more difficult to open or close the back door on an incline than on a level surface, so beware of the back door unexpectedly opening or closing by itself. Make sure that the back door is fully open and secure before using the luggage compartment.



- When closing the back door, take extra care to prevent your fingers etc. from being caught.

- Do not pull on the back door damper stay to close the back door, and do not hang on the back door damper stay.
  Doing so may cause hands to be caught or the back door damper stay to break, causing an accident.

CAUTION

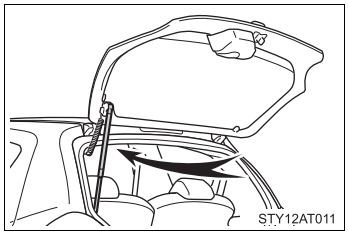
- If a bicycle carrier or similar heavy object is attached to the back door, it may fall closed again after being opened, causing someone's hands, head or neck to be caught and injured. When installing an accessory part to the back door, using a genuine Toyota part is recommended.

NOTICE

Back door damper stays

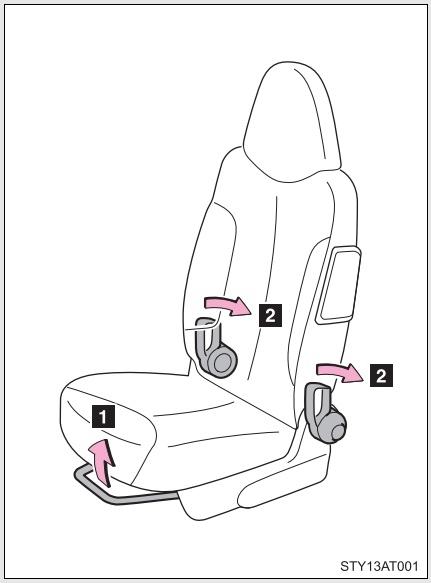
The back door is equipped with damper stays that hold the back door in place.

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



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

Front seats



1 Seat position adjustment lever

2 Seatback angle adjustment levers

Moving the front seats (3-door models only)

For easy access to the rear seat.

STEP 1 Pull the seatback angle adjustment lever.
The seat will slide forward.

STEP 2 Move the seat to the front-most position.

After rear passengers are in, lift up the seatback and return the seat until it locks.

CAUTION

■ **Seat adjustment**

- Be careful that the seat does not hit passengers or luggage.
- To reduce the risk of sliding under the lap belt during a collision, do not recline the seat more than necessary.
  If the seat is too reclined, the lap belt may slide past the hips and apply restraint forces directly to the abdomen, or your neck may contact the shoulder belt, increasing the risk of death or serious injury in the event of an accident.
  Adjustments should not be made while driving as the seat may unexpectedly move and cause the driver to lose control of the vehicle.
- After adjusting the seat, make sure that the seat is locked in position.
- Never allow anyone to touch seatback angle adjustment levers while vehicle is moving.
- If anyone is in the vicinity, make sure they are clear of the seat back path and let them know that the seat is about to move.

■ **After returning the seatback to the upright position**

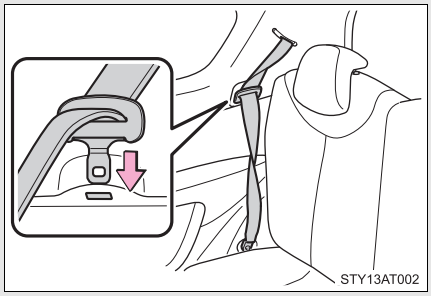
Make sure the seatback is securely locked by pushing it forward and rearward. Failure to do so may result in death or serious injury.

Rear seats*

The seatbacks of the rear seats can be folded down.

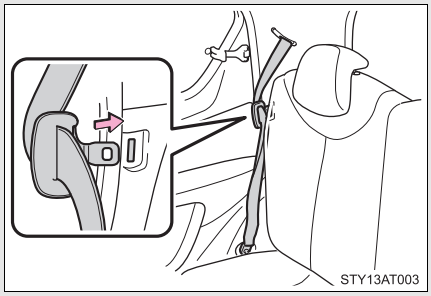
STEP 1 Stow the seat belts.

3-door models

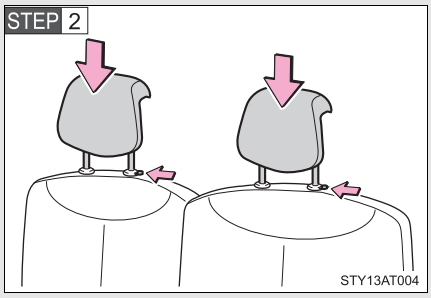


Insert the tab of the rear seat belt as shown in the illustration.

5-door models



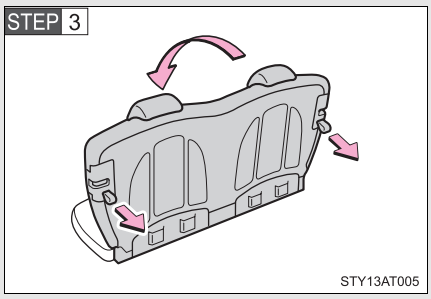
Insert the tab of the rear seat belt as shown in the illustration.



Vehicles with a rear head restraints: Lower the head restraints to the lowest position.

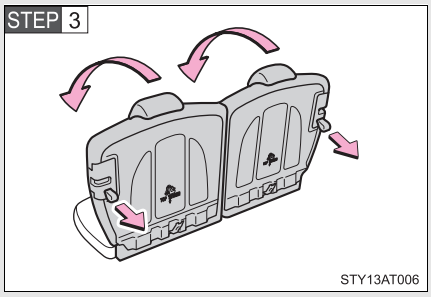
*: If equipped

Vehicles with a non-split rear seat



Pull both seatback lock release straps at the same time and fold the seatback down.

Vehicles with a split rear seats



Pull the seatback lock release strap and fold the seatback down.

Each seatback may be folded separately.

CAUTION

When folding the rear seatbacks down

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

- Do not fold the seatbacks down while driving.
- Stop the vehicle on level ground, set the parking brake and shift the shift lever to E, M or R (vehicles with a multi-mode manual transmission) or N (vehicles with a manual transmission).
- Do not allow anyone to sit on a folded seatback or in the luggage compartment while driving.
- Do not allow children to enter the luggage compartment.
- Be careful not to catch your hand when folding the rear seatbacks.
- Depending on the position of the front seat, it may interfere when trying to fold down the rear seatbacks. If this happens, adjust the position of the front seat.

After returning the rear seatback to the upright position

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

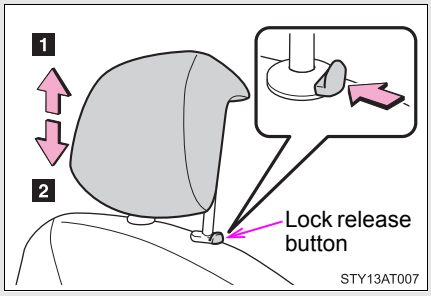
- Make sure the seatback is securely locked by pushing it forward and rearward on the top.
- Check that the seat belts are not twisted or caught in the seatback.

NOTICE

Stowing the seat belts

The seat belts must be stowed before you fold down the rear seatbacks.

Rear head restraints*



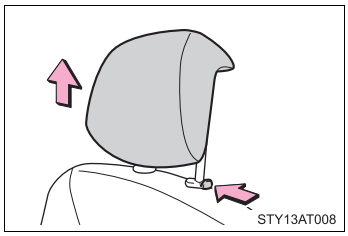
1 Up

Pull the head restraint up.

2 Down

Push the head restraint down while pushing the lock release button.

Removing the rear head restraints



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

Adjusting the rear seat head restraints

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

*: If equipped

CAUTION

Head restraint precautions

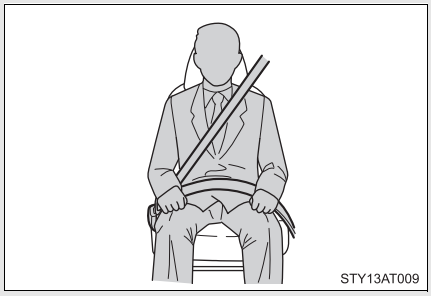
Observe the following precautions regarding the head restraints. Failure to do so may result in death or serious injury.

- Use the head restraints designed for each respective seat.
- Adjust the head restraints to the correct position at all times.
- After adjusting the head restraints, push down on them and make sure they are locked in position.
- Do not drive with the head restraints removed.

Seat belts

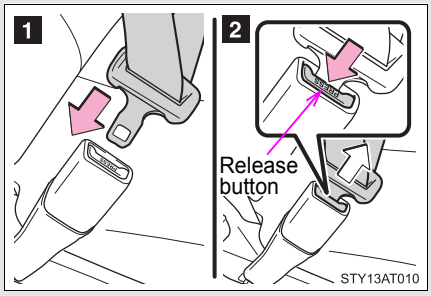
Make sure that all occupants are wearing their seat belts before driving the vehicle.

Correct use of the seat belts



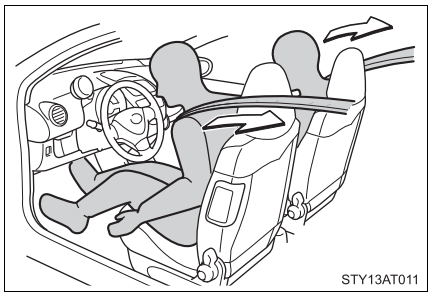
- Extend the shoulder belt so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.
- Position the lap belt as low as possible over the hips.
- Adjust the position of the seatback. Sit up straight and well back in the seat.
- Do not twist the seat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

Fastening and releasing the seat belt



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

Seat belt pretensioners (front seats)



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

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

Emergency locking retractor (ELR)

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

Child seat belt usage

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

- Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle's seat belt. (→P. 95)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions on P. 59 regarding seat belt usage.

Replacing the belt after the pretensioner has been activated

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

Seat belt regulations

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

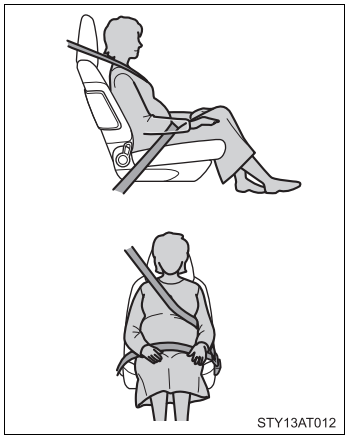
CAUTION

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

■ Wearing a seat belt

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

■ Pregnant women



Obtain medical advice and wear the seat belt in the proper way. (→P. 59)

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

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

■ People suffering illness

Obtain medical advice and wear the seat belt in the proper way. (→P. 59)

CAUTION

When children are in the vehicle

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

Seat belt pretensioners

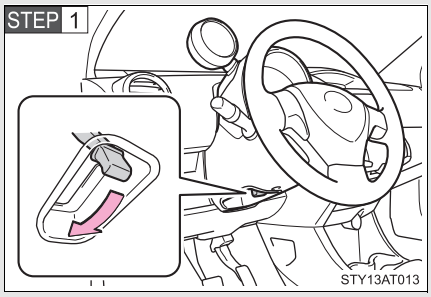
- Do not place anything, such as a cushion, on the front passenger's seat. The seat belt pretensioner for the front passenger's seat may not activate in the event of a collision.
- If the pretensioner has activated, the SRS warning light will come on. In that case, the seat belt cannot be used again and must be replaced at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Seat belt damage and wear

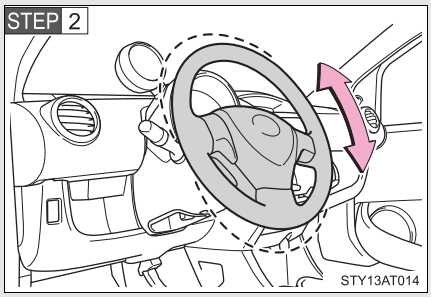
- Do not damage the seat belts by allowing the belt or plate to be jammed in the door.
- Inspect the seat belt system periodically. Check for cuts, fraying, and loose parts. Do not use a damaged seat belt until it is replaced. Damaged seat belt cannot protect an occupant from death or serious injury.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

Steering wheel (vehicles with an adjustable type)

The steering wheel can be adjusted to a comfortable position.



Hold the steering wheel and push the lever down.



Adjust to the ideal position by moving the steering wheel.

After adjustment, pull the lever up to secure the steering wheel.

CAUTION

■ **Caution while driving**

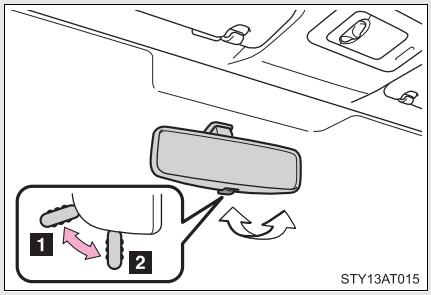
Do not adjust the steering wheel while driving.
Doing so may cause the driver to mishandle the vehicle and cause an accident, resulting in death or serious injury.

■ **After adjusting the steering wheel**

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

Anti-glare inside rear view mirror

Glare from the headlights of vehicles behind can be reduced by using the following functions:



1 Normal position

2 Anti-glare position

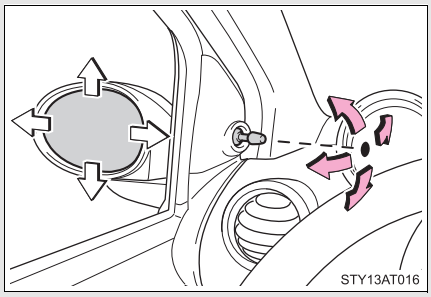
CAUTION

■ **Caution while driving**

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

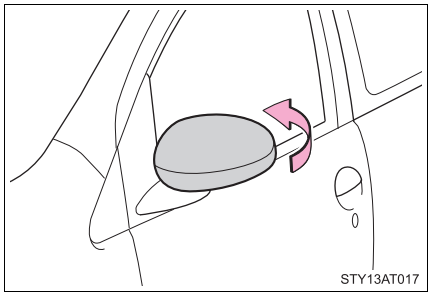
Outside rear view mirrors

Mirror angle can be adjusted.



Adjust the mirror up, down, in or out by using the control lever.

Folding the mirrors



Push the mirror back in the direction of the vehicle's rear.

CAUTION

■ When driving the vehicle

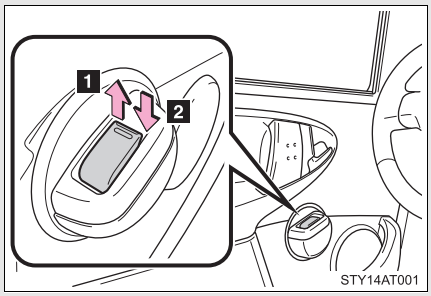
Observe the following precautions while driving.
Failure to do so may result in loss of control of the vehicle and cause an accident, resulting in death or serious injury.

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

Power windows*

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

Operating the switch moves the windows as follows:



1 Closing
2 Opening

The power windows can be operated when

The engine switch is in the “ON” position.

CAUTION

Closing the windows

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

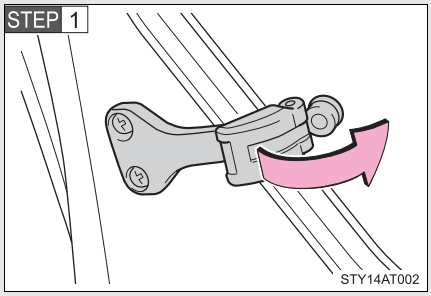
- Check to make sure that all passengers do not have any part of their body in a position where it could be caught when a window is being operated.
- Do not allow children to operate the power windows.
  Closing a power window on someone can cause serious injury, and in some instances, even death.

*: If equipped

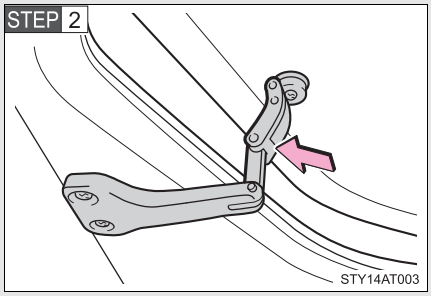
Rear windows (5-door models)

The rear windows can be opened and closed.

■ Open the rear windows

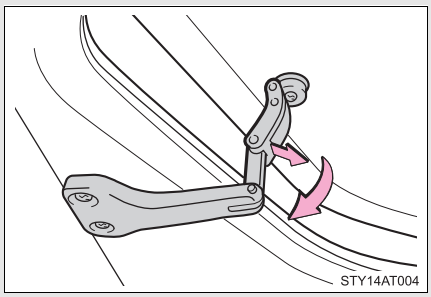


Pull the latch handle toward you and swing it fully out.



Push the latch handle to securely lock the latch as shown in the illustration.

■ Close the rear windows



Close the rear window as shown in the illustration.

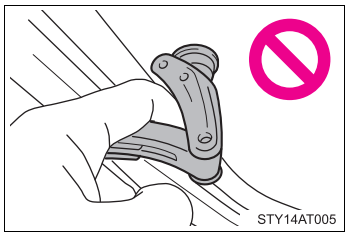
When closing the window, make sure it is completely closed.

CAUTION

■ **When driving the vehicle**

Be sure not to put any body parts, such as hands, out of the rear windows while the driving. Doing so could be very dangerous because serious injury may result from collisions or when the brakes are suddenly applied.

■ **When closing the rear windows**



Take care to prevent hands or fingers from being caught in the latch handle. Failure to do so may result in serious injury.

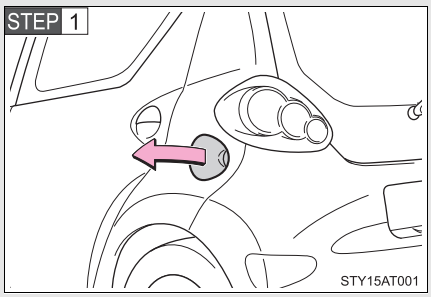
Opening the fuel tank cap

Perform the following steps to open the fuel tank cap:

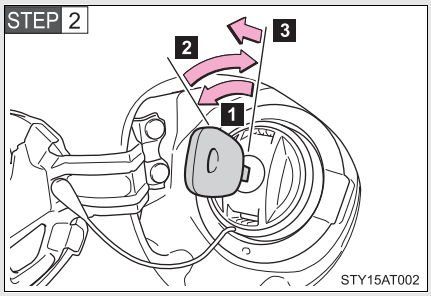
Before refueling the vehicle

- Turn the engine switch off and ensure that all the doors and windows are closed.
- Confirm the type of fuel. (→P. 70)

Opening the fuel tank cap



Open the fuel filler door.

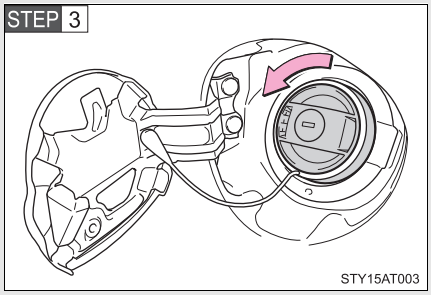


Insert the key.

1 Turn it counterclockwise by 45 degrees

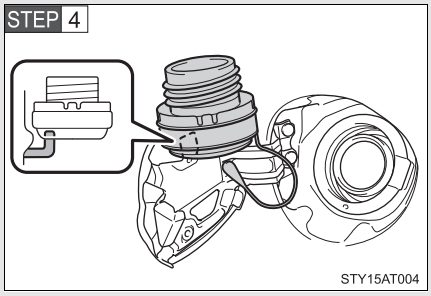
2 Turn it clockwise by 45 degrees

3 Remove the key



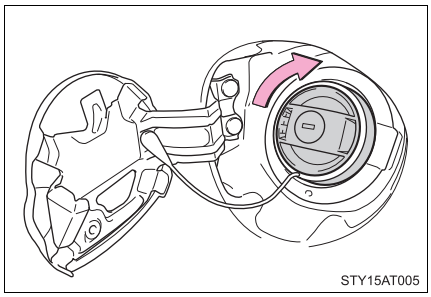
Turn the fuel tank cap slowly to open.

If the fuel tank cap cannot be removed, perform step 2 again.



Hang the fuel tank cap on the back of the fuel filler door.

Closing the fuel tank cap



After refueling, turn the fuel tank cap until you hear a click. (The key is not required.)

Fuel types

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

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

Use of ethanol blended gasoline in a gasoline engine

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

CAUTION

When refueling the vehicle

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

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

When refueling

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

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

When replacing the fuel cap

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

NOTICE

Refueling

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

Engine immobilizer system

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

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

The system begins operating when either of the following conditions:

- When the engine switch is turned from the "ACC" to the "LOCK" position.
- When 20 seconds have elapsed since the engine switch is turned from the "ON" to the "LOCK" position.

The system is canceled when inserting the registered key in the engine switch and turning it to the "ACC" position.

System maintenance

The vehicle has a maintenance-free type engine immobilizer system.

Conditions that may cause the system to malfunction

- If the grip portion of the key is in contact with a metallic object
- If the key is in close proximity to or touching a key to the security system (key with a built-in transponder chip) of another vehicle

Certifications for the engine immobilizer system

DECLARATION OF CONFORMITY

CE 0523 ⓘ

This declaration is the responsibility of the manufacturer / authorised representative within the Community :

VALEO SECURITE HABITACLE
42, rue le Corbusier 94042 CRETEIL Cedex FRANCE

(Name / Address)

This certifies that the following designated products

736 771-A and variant 736 772-A
(Product identification)

complies with the essential protection requirements of R&TTE Directive 1999/5/ EC on the approximation of the laws of the Member States relating to ***Radio Spectrum Matters, EMC*** and ***Electrical Safety.***
This declaration applies to all specimens manufactured in accordance with the technical documentation described in the annex II. VALEO SECURITE HABITACLE keep this documentation at the proposal of the relevant national authorities of any Member State for inspection purpose.
Assessment of compliance of the product with the requirements relating to the essential requirements acc. to Article 3 R&TTE was based on Annex IV of the Directive 1999/5/ EC and the following standards:

Radio Spectrum : .....EN 300 330.....
(Identification of regulations / standards)

EMC : .....EN 301 489 Part 1 & 3 .....
(Identification of regulations / standards)

Safety : .....EN 60950.....
(Identification of regulations / standards)

ⓘ The Immobilizer 736 771-A and variant 736 772-A is 134KHz radio equipment not submitted to harmonised standards. This device is licence exempt and distributed in the European countries which will apply the R&TTE directive : Austria, Belgium, Denmark, Estonia, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and UK.

(Place, date) (Signature)

Créteil le 23/12/03

(Name in block letters)
N.ALTAVILLA

Prohlášení o shodě

rádiového zařízení s ustanoveními nařízení vlády č. 426/2000 Sb., kterým se stanoví technické požadavky na rádiová a na telekomunikační koncová zařízení.

[výrobce / dovozce]:	*Toyota Motors Czech spol. s r.o.* *Service Dpt Šafránkova 1 155 00 Praha 5* *Czech Republic* *IČO : 60198435*

tímto prohlašuje, že výrobek

druh, kód:	*Povelové a zabezpečovací zařízení automobilů, kód: 5732 /* *zařízení pro zabezpečení automobilů < 27 MHz ; kód: 5832*
typové označení:	**736 771-A & variant 736 772-A**
specifikace:	*Transceiver*
výrobce:	*VALEO Sécurité Habitacle 42 rue le Corbusier Europarc* *94042 CRETEIL Cedex FRANCE*
pásmo přeladitelnosti:	*134 KHz Fixed ± 1,35 KHz*
vf výkon	*– 5,7 dBµA / m at 10 metres*
pásmo pracovních kmitočtů:	*134KHz „1 kanál"*
kanálová rozteč:	----------
druh vysílání:	*22K7K1D*
druh modulace:	*AM*
účel použití:	*Immobilizer*

splňuje požadavky Generální licence Českého telekomunikačního úřadu č. GL – 30 /R/2000, dále splňuje požadavky těchto norem a předpisů, příslušných pro daný druh zařízení:

rádiové parametry:	*ČTN PI – EN 300330–2 V1.1.1 - 06/2001*
EMC:	*ČTN PI - EN 301489, Parts 1 & 3– 08/2002*
elektrická bezpečnost:	*ČTN PI - EN 60950 – 10/2001*

a že je bezpečný za podmínek obvyklého použití. Shoda byla posouzena v souladu s § 3, bod 1, písm. b), příloha 3 nařízení vlády č. 426/2000 Sb., kterým se stanoví technické požadavky na rádiová a na telekomunikační koncová zařízení.

Prohlášení o shodě je vydáváno na základě těchto podkladů:

zkušební protokol č. **Telefication 99486330, 99486320, 99486350**
, vydaný akreditovanou laboratoří č. . **Dutch Accreditation Council RvA** *L 021 – Telefication bv, Edisonstraat 12a 6902 PK Zevenaar The Netherlands.*

Nález autorizované osoby **.0523** Telecommunications Administration Center Finland

Toto prohlášení je vydáno na výhradní odpovědnost výrobce (dovozce).

V Praze dne 29.3.2004

PETR STANĚK, service manager

Toyota Motor Czech spol. s r.o., Šafránkova 1, Praha 5 155 00
Tel : +420 255 706 861
Fax : +420 255 706 892
e-mail: petr.stanek@toyota.cz

ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ

DECLARATION OF CONFORMITY

(В съответствие с Наредба за съществените изисквания и оценяване съответствието на радиосъоръжения и крайни далекосъобщителни устройства – ДВ, бр. 79/2002 г.)
(In accordance with the Ordinance for essential requirements and conformity assessment of radio equipment and telecommunications terminal equipment – State Gazette, issue 79/2002)

Долуподписаният
Undersigned
…..... Mr Sarantos Metaxopoulos.....…….....……
(Производител или лице, отговорно за пускане на продукта на пазара)
(Manufacturer or person responsible for placing the product on the market)

Адрес: ..... TM Auto OOD 163 Tsarigradsko Shosse Sofia 1784 BULGARIA.....
Address:

Седалище: ..... TM Auto OOD.....
Head Office:

Лице за контакти: ..... Mr Sarantos Metaxopoulos.....
Contact person:

Телефон: ..... 00359 29 60 4100..... **Факс:** .....00359 29 60 41 09.....
Phone: Fax:

Електронна поща ..... smetaxopoulos@toyota.bg..... …….....
E-mail:

ДЕКЛАРИРАМ

на своя отговорност, че радиосъоръжението/крайното далекосъобщително устройство

DECLARE

under our sole responsibility that the radioequipment/telecommunications terminal equipment

Марка .....**VALEO**.....…… ……..…
Brand

Вид (например модем) .....**Transceiver** ……
Type (e.g. modem)

Модел (наименование или означение) .....**736 771-A & variant 736 772-A**.....…
Model (denomination or denotation)

Производител: .....**VALEO Sécurité Habitacle**.....……..……
Manufacturer:

съответства на съществените изисквания по чл. 10, чл. 11 (само за радиосъоръжения) **и на другите изисквания от** ***Наредбата за съществените изисквания и оценяване на съответствието на радиосъоръжения и крайни далекосъобщителни устройства*** **(ДВ, бр. 79/2002), когато се използва по предназначение,**

Complies with the essential requirements of art. 10, art. 11 (for radio equipment only) and the other relevant provisions of the *Ordinance for essential requirements and conformity assessment of radio equipment and telecommunications terminal equipment* (promulgated in the State Gazette, issue 79/2002) when used for its intended purpose.

и на следните хармонизирани стандарти (ако такива са приложени)**:**
and with the following harmonized standards (if such are applied):

За безопасност (във връзка с чл.10, т. 1 и 2 от Наредбата):
For helth and safety (pursuant to art. 10, paragraph 1 and 2 of the Ordinance):

.....**EN 60950-1 (october 2001)**.....

.....

.....

(Означение и година на издаване)
(Denotation and year of issue)

За ЕМС (във връзка с чл. 10, т.3 от Наредбата):
For EMC (pursuant to art. 10, paragraph 3 of the Ordinance):

.....**EN 301489 Part 1 & 3 (August 2002)**.....

.....

.....

.....

(Означение и година на издаване)
(Denotation and year of issue)

За ефективно използване на радиочестотния спектър (във връзка с чл. 11 от Наредбата):
For efficient use of the radio frequency spectrum (pursuant to art. 11 of the Ordinance):

.....**EN 300330-2 V1.1.1 (june 2001)**..... .....

.....

.....

.....

.....

(Означение и година на издаване)
(Denotation and year of issue)

Устройството се маркира с маркировката за съответствие
The equipment carry conformity mark

Идентификационният номер на лицето за оценяване на съответствието (ако е участвало в процедурата) **е:**
Identification number of the Conformity Assessment Body is (if it participated in the prosedure): **0523**

Устройството се маркира със специфичната маркировка, предупреждаваща потребителя, че пускането му в действие в Р. България е забранено или е свързано с лицензиране или регистрация (само за радиосъоръжения от списъка по чл. 29, ал. 1 и 2 от Закона за далекосъобщенията)
The equipment carry specific indication mark warning the consumer that its putting into service in Bulgaria is forbidden or is connected with licensing or registration (for radio equipment from the list as per Art. 29 paragraphs 1 and 2 of the Telecommunications Law only)

Място и дата: ...Sofia 20 April 2004.....
Place and date:

Подпис:
Signature:

Име и длъжност:
Name and position: Sarantos Metaxopoulos
General Manager.....

ТМ АУТО ЕОД
TOYOTA

Česky [Czech]	Valeo Security Systems tímto prohlašuje, že tento 736771-A & 736772-A je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]	Undertegnede Valeo Security Systems erklærer herved, at følgende udstyr 736771-A & 736772-A overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]	Hiermit erklärt Valeo Security Systems , dass sich das Gerät 736771-A & 736772-A, 736773-A & 736774-A in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]	Käesolevaga kinnitab Valeo Security Systems seadme 736771-A & 736772-A, 736773-A & 736774-A vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, Valeo Security Systems declares that this 736771-A & 736772-A is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]	Por medio de la presente Valeo Security Systems declara que 736771-A & 736772-A cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Valeo Security Systems ΔΗΛΩΝΕΙ ΟΤΙ 736771-A & 736772-A ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Francais [French]	Par la présente Valeo Security Systems déclare que les appareils 736771-A & 736772-A sont conformes aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano [Italian]	Con la presente Valeo Security Systems dichiara che questo 736771-A & 736772-A è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]	Ar šo Valeo Security Systems deklarē, ka 736771-A & 736772-A atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo Valeo Security Systems deklaruoja, kad šis 736771-A & 736772-A atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart Valeo Security Systems dat het toestel 736771-A & 736772-A in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]	Hawnhekk, Valeo Security Systems , jiddikjara li dan 736771-A & 736772-A jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]	Alulírott, Valeo Security Systems nyilatkozom, hogy a 736771-A & 736772-A megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym Valeo Security Systems oświadcza, że 736771-A & 736772-A jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Português [Portuguese]	Valeo Security Systems declara que este 736771-A & 736772-A está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Slovensko [Slovenian]	Valeo Security Systems izjavlja, da je ta 736771-A & 736772-A v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky [Slovak]	Valeo Security Systems týmto vyhlasuje, že 736771-A & 736772-A spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi [Finnish]	Valeo Security Systems vakuuttaa täten että 736771-A & 736772-A tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]	Härmed intygar Valeo Security Systems att denna 736771-A & 736772-A står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Íslenska [Icelandic]	Hér með lýsir Valeo Security Systems yfir því að 736771-A & 736772-A er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Crnogorski jezik [Montenegrin]	Ovim ,Valeo Security Sytems, izjavljuje da ovaj 736771-A & 736772-A je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Norsk [Norwegian]	Valeo Security Systems erklærer herved at utstyret 736771-A & 736772-A er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

TA-2006/636

APPROVED

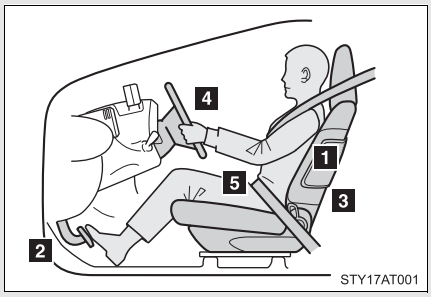
NOTICE

■ To ensure the system operates correctly

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

Correct driving posture

Drive with a good posture as follows:



1. Sit upright and well back in the seat. (→P. 52)
2. Adjust the position of the seat forward or backward to ensure the pedals can be reached and easily depressed to the extent required. (→P. 52)
3. Adjust the seatback so that the controls are easily operable. (→P. 52)
4. Adjust the tilt position of the steering wheel downward so the airbag is facing your chest. (→P. 63)
5. Wear the seat belt correctly. (→P. 59)

CAUTION

While driving

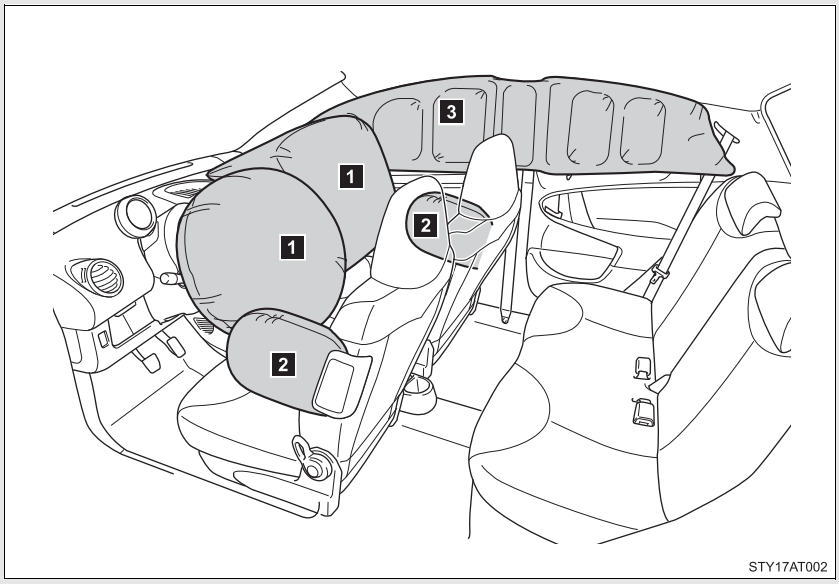
- Do not adjust the position of the driver's seat.
  Doing so could cause the driver to lose control of the vehicle.
- Do not place a cushion between the driver or passenger and the seatback.
  A cushion may prevent correct posture from being achieved, and reduce the effectiveness of the seat belt and head restraint, increasing the risk of death or serious injury to the driver or passenger.
- Do not place anything under the front seats.
  Objects placed under the front seats may become jammed in the seat tracks and stop the seat from locking in place. This may lead to an accident, resulting in death or serious injury. The adjustment mechanism may also be damaged.

Adjusting the seat position

- Take care when adjusting the seat position to ensure that other passengers are not injured by the moving seat.
- Do not put your hands under the seat or near the moving parts to avoid injury.
  Fingers or hands may become jammed in the seat mechanism.

SRS airbags

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



SRS front airbags

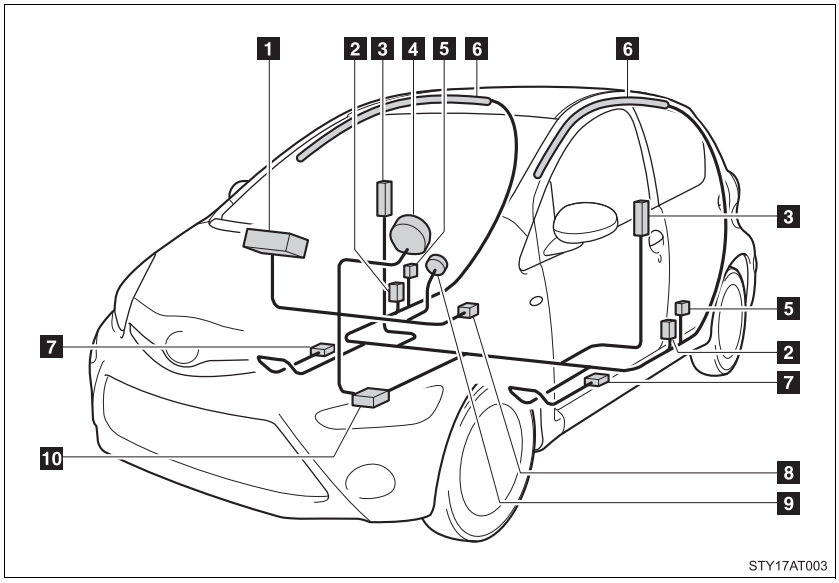
1 SRS driver airbag/front passenger airbag
Can help protect the head and chest of the driver and front passenger from impact with interior components

SRS side and curtain shield airbags

2 SRS side airbags (if equipped)
Can help protect the torso of the front seat occupants

3 SRS curtain shield airbags (if equipped)
Can help protect primarily the head of occupants in the outer seats

SRS airbag system components



1 Front passenger airbag

2 Seat belt pretensioners and force limiters

3 Side airbags (if equipped)

4 SRS warning light

5 Vehicles with side airbags (5-door models): Side airbag sensors
Vehicles with side and curtain shield airbags (5-door models): Side and curtain shield airbag sensors

6 Curtain shield airbags (if equipped)

7 Vehicles with side airbags (3-door models): Side airbag sensors
Vehicles with side and curtain shield airbags (3-door models): Side and curtain shield airbag sensors

8 Airbag manual on-off switch

9 Driver airbag

10 Airbag sensor assembly

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

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

- Bruising and slight abrasions may result from contact with a deploying (inflating) SRS airbag.
- A loud noise and white powder will be emitted.
- Vehicles without SRS curtain shield airbags: Parts of the airbag module (steering wheel hub, airbag cover and inflator) as well as the front seats may be hot for several minutes. The airbag itself may also be hot.
- Vehicles with SRS curtain shield airbags: Parts of the airbag module (steering wheel hub, airbag cover and inflator) as well as the front seats, parts of the front and rear pillars, and roof side rails, may be hot for several minutes. The airbag itself may also be hot.
- The windshield may crack.

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

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

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

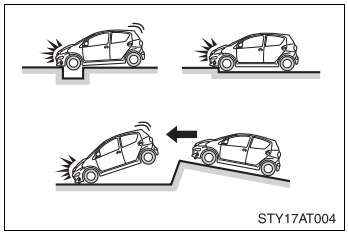
  - If the vehicle strikes an object, such as a parked vehicle or sign pole, which can move or deform on impact
  - If the vehicle is involved in an underride collision, such as a collision in which the front of the vehicle “underrides”, or goes under, the bed of a truck
- Depending on the type of collision, it is possible that only the seat belt pretensioners will activate.

■ **SRS airbag deployment conditions (SRS side and curtain shield airbags [if equipped])**

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

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

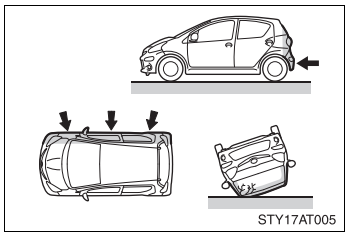
The SRS front airbags may also deploy if a serious impact occurs to the underside of your vehicle. Some examples are shown in the illustration.



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

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

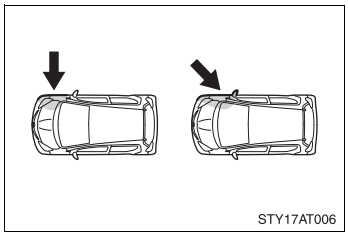
The SRS front airbags do not generally inflate if the vehicle is involved in a side or rear collision, if it rolls over, or if it is involved in a low-speed frontal collision. But, whenever a collision of any type causes sufficient forward deceleration of the vehicle, deployment of the SRS front airbags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



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

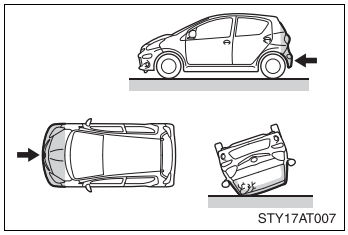
Types of collisions that may not deploy the SRS airbags (SRS side and curtain shield airbags [if equipped])

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



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

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

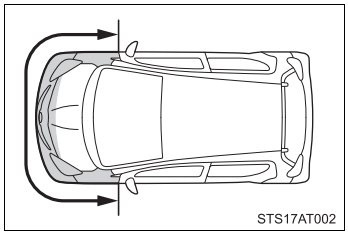


- Collision from the front
- Collision from the rear
- Vehicle rollover

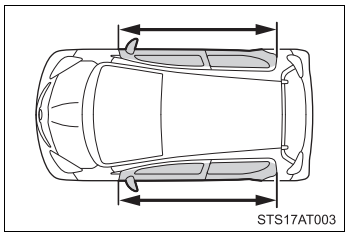
■ **When to contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional**

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

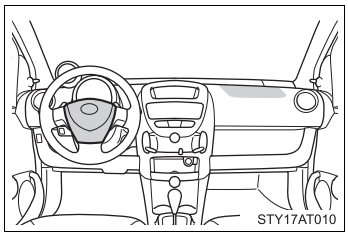
- Any of the SRS airbags have been inflated.



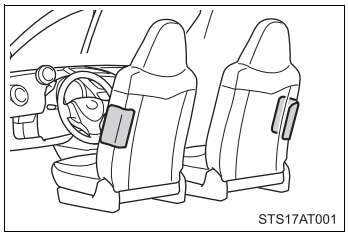
- The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS front airbags to inflate.



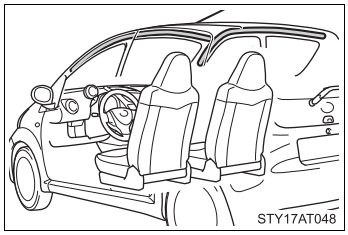
- Vehicles with SRS side and curtain shield airbags: A portion of a door is damaged or deformed, or the vehicle was involved in an accident that was not severe enough to cause the SRS side and curtain shield airbags to inflate.



- The pad section of the steering wheel or dashboard near the front passenger airbag is scratched, cracked, or otherwise damaged.



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



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

CAUTION

SRS airbag precautions

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

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

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

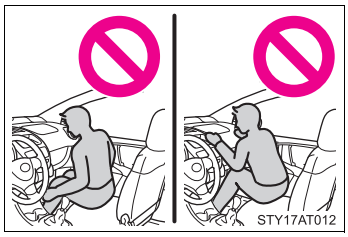
  - Move your seat to the rear as far as you can while still reaching the pedals comfortably.
  - Slightly recline the back of the seat. Although vehicle designs vary, many drivers can achieve the 250 mm (10 in.) distance, even with the driver seat all the way forward, simply by reclining the back of the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

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

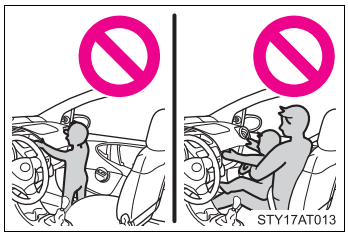
CAUTION

SRS airbag precautions

- The SRS front passenger airbag also deploys with considerable force, and can cause death or serious injury especially if the front passenger is very close to the airbag. The front passenger seat should be as far from the airbag as possible with the seatback adjusted, so the front passenger sits upright.
- Improperly seated and/or restrained infants and children can be killed or seriously injured by a deploying airbag. An infant or child who is too small to use a seat belt should be properly secured using a child restraint system. Toyota strongly recommends that all infants and children be placed in the rear seats of the vehicle and properly restrained. The rear seats are safer for infants and children than the front passenger seat. (→P. 95)



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



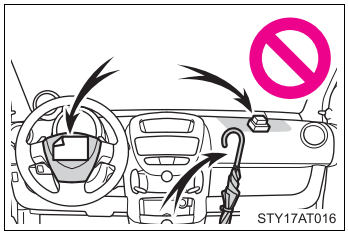
- Do not allow a child to stand in front of the SRS front passenger airbag unit or sit on the knees of a front passenger.
- Do not allow the front seat occupants to hold items on their knees.

- Vehicles with SRS side airbags: Do not lean against the front door.
- Vehicles with SRS side and curtain shield airbags: Do not lean against the door, the roof side rail or the front, side and rear pillars.

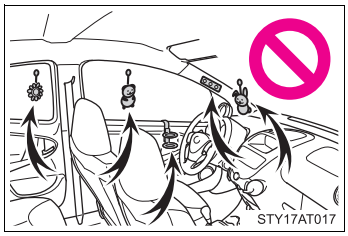
CAUTION

■ **SRS airbag precautions**

- Vehicles with SRS side airbags: Do not allow anyone to kneel on the passenger seat toward the door or put their head or hands outside the vehicle.



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



- Vehicles with SRS side airbags: Do not attach anything to areas such as a door, windshield glass and side door glass.
- Vehicles with SRS side and curtain shield airbags: Do not attach anything to areas such as a door, windshield glass, side door glass, front or rear pillar and roof side rail.

CAUTION

SRS airbag precautions

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

CAUTION

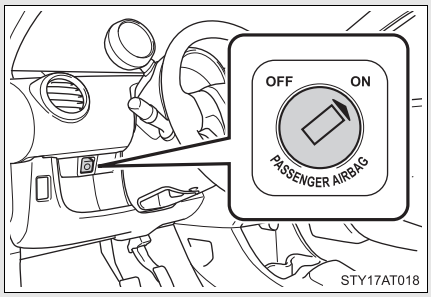
Modification and disposal of SRS airbag system components

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

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

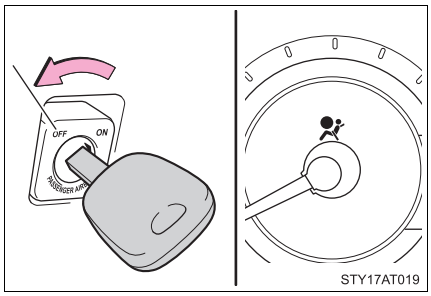
Airbag manual on-off system

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



Airbag manual on-off switch

Deactivating the front seat passenger airbag



Insert the key into the cylinder and turn to the “OFF” position.

SRS warning light turns on (only when the engine switch is in the “ON” position).

CAUTION

■ **When installing a child restraint system**

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

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

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

Child restraint systems

Toyota strongly urges the use of child restraint systems.

Points to remember

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

- Choose a child restraint system that suits your vehicle and is appropriate to the age and size of the child.
- For installation details, follow the instructions provided with the child restraint system.
  General installation instructions are provided in this manual.
  (→P. 106)
- If child restraint system regulations exist in the country where you reside, please contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for the child restraint system installation.
- Toyota recommends that you use a child restraint system which conforms to the regulation ECE No.44.

Types of child restraints

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

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

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

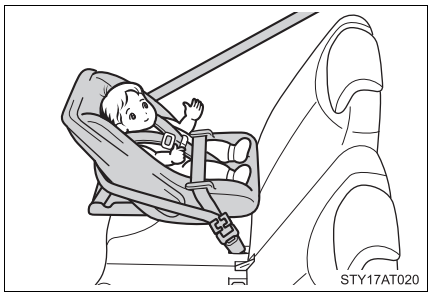
Group I: 9 to 18 kg (20 to 39 lb.) (9 months - 4 years)

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

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

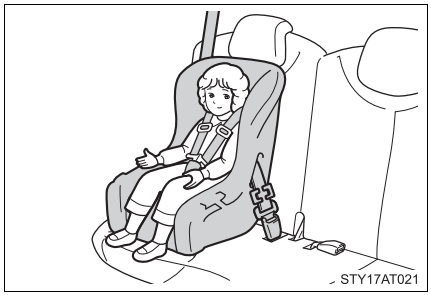
In this owner's manual, the following 3 types of popular child restraint systems that can be secured with the seat belts are explained:

Baby seat



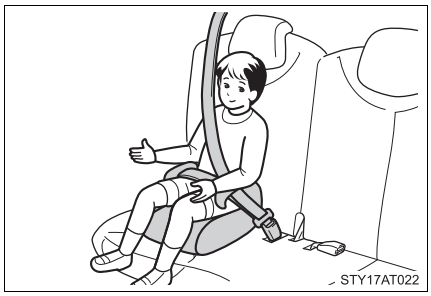
Equal to Group 0 and 0^+ of ECE No.44

Child seat



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

Junior seat



Equal to Group II and III of ECE No.44

Child restraint system suitability for various seating positions (vehicles with rear seats)

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

Seating position / Mass groups	Front passenger seat		Rear seat
	Airbag manual on-off switch		
	ON	OFF	Outside
0 Up to 10 kg (22 lb.) (0 - 9 months)	X Never put	L1	U
0^+ Up to 13 kg (28 lb.) (0 - 2 years)	X Never put	L1	U
I 9 to 18 kg (20 to 39 lb.) (9 months - 4 years)	Rear facing X Never put	L2	U
	Forward facing L2		
II, III 15 to 36 kg (34 to 79 lb.) (4 - 12 years)	L3		U

Key letters inserted in the above table:

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

L1: Suitable for “TOYOTA BABY SAFE (0 to 13 kg [0 to 28 lb.])” approved for the use in this mass group.

L2: Suitable for “TOYOTA DUO+ (without ISOFIX 9 to 18 kg [20 to 39 lb.])” approved for the use in this mass group.

L3: Suitable for “TOYOTA KID (15 to 36 kg [34 to 79 lb.])” approved for the use in this mass group.

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

The child restraint systems mentioned in the table may not be available outside of the EU area. Other child restraint systems which is different from the systems mentioned in the table can be used, but the suitability of the systems must be carefully checked with the child restraint system manufacturer concerned and the seller of those seats.

Child restraint system suitability for various seating positions (vehicles without rear seats)

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

Seating position / Mass groups	Front passenger seat	
	Airbag manual on-off switch	
	ON	OFF
0 Up to 10 kg (22 lb.) (0 - 9 months)	X Never put	L1
0^+ Up to 13 kg (28 lb.) (0 - 2 years)	X Never put	L1
I 9 to 18 kg (20 to 39 lb.) (9 months - 4 years)	Rear facing X Never put	L2
	Forward facing L2	
II, III 15 to 36 kg (34 to 79 lb.) (4 - 12 years)	L3	

Key letters inserted in the above table:

L1: Suitable for “TOYOTA BABY SAFE (0 to 13 kg [0 to 28 lb.])” approved for the use in this mass group.

L2: Suitable for “TOYOTA DUO+ (without ISOFIX 9 to 18 kg [20 to 39 lb.])” approved for the use in this mass group.

L3: Suitable for “TOYOTA KID (15 to 36 kg [34 to 79 lb.])” approved for the use in this mass group.

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

The child restraint systems mentioned in the table may not be available outside of the EU area. Other child restraint systems which is different from the systems mentioned in the table can be used, but the suitability of the systems must be carefully checked with the child restraint system manufacturer concerned and the seller of those seats.

Child restraint system suitability for various seating positions (with ISOFIX rigid anchor) (vehicles with split rear seats)

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

Mass groups	Size class	Fixture	Vehicle ISOFIX positions
			Rear outboard
Carrycot	F	ISO/L1	X
	G	ISO/L2	X
		(1)	X
Group 0 Up to 10 kg (22 lb.)	E	ISO/R1	X
		(1)	X
Group 0+ Up to 13 kg (28 lb.)	E	ISO/R1	X
	D	ISO/R2	X
	C	ISO/R3	X
		(1)	X
Group I 9 to 18 kg (20 to 39 lb.)	D	ISO/R2	X
	C	ISO/R3	X
	B	ISO/F2	IUF
	B1	ISO/F2X	IUF
	A	ISO/F3	IUF
		(1)	X
Group II 15 to 25 kg (34 to 55 lb.)		(1)	X
Group III 22 to 36 kg (49 to 79 lb.)		(1)	X

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

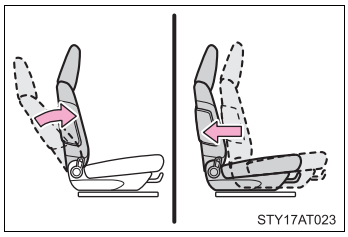
Key letters inserted in the above table:

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

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

The child restraint systems mentioned in the table may not be available outside of the EU area. Other child restraint systems different from the systems mentioned in the table can be used, but the suitability of the systems must be carefully checked with the child restraint system manufacturer and retailer.

When installing the child restraint system on the front passenger seat



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

- The seatback to the most upright position
- The seat as far back as possible

Selecting an appropriate child restraint system

- Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt.
- If the child is too large for a child restraint system, sit the child on a rear seat and use the vehicle's seat belt. (→P. 59)

CAUTION

Using a child restraint system

The use of a child restraint system not suitable for the vehicle may not properly secure the infant or child. It may result in death or serious injury (in the event of sudden braking or an accident).

Child restraint precautions

- For effective protection in automobile accidents and sudden stops, a child must be properly restrained, using a seat belt or child restraint system depending on the age and size of the child. Holding a child in your arms is not a substitute for a child restraint system. In an accident, the child can be crushed against the windshield, or between you and the vehicle's interior.
- Toyota strongly urges the use of a proper child restraint system that conforms to the size of the child, installed on the rear seat. According to accident statistics, the child is safer when properly restrained in the rear seat than in the front seat.
- Never use a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on. (→P. 93)
  In the event of an accident, the force of the rapid inflation of the front passenger airbag can cause death or serious injury to the child.

CAUTION

Child restraint precautions

- A forward-facing child restraint system may be installed on the front passenger seat only when it is unavoidable. A child restraint system that requires a top tether strap should not be used in the front passenger seat since there is no top tether strap anchor for the front passenger seat. Adjust the seatback as upright as possible and always move the seat as far back as possible because the front passenger airbag could inflate with considerable speed and force. Otherwise, the child may be killed or seriously injured.
- On vehicles with SRS side airbags, do not allow the child to lean his/her head or any part of his/her body against the door or the area of the seat from which the side airbags deploy even if the child is seated in the child restraint system. It is dangerous if the side airbags inflate, and the impact could cause death or serious injury to the child.
- On vehicles with SRS side and curtain shield airbags, do not allow the child to lean his/her head or any part of his/her body against the door or the area of the seat, front and rear pillars or roof side rails from which the SRS side airbags or SRS curtain shield airbags deploy even if the child is seated in the child restraint system. It is dangerous if the SRS side airbags and SRS curtain shield airbags inflate, and the impact could cause death or serious injury to the child.
- Make sure you have complied with all installation instructions provided by the child restraint manufacturer and that the system is properly secured. If it is not secured properly, it may cause death or serious injury to the child in the event of a sudden stop, sudden swerve or an accident.

When children are in the vehicle

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

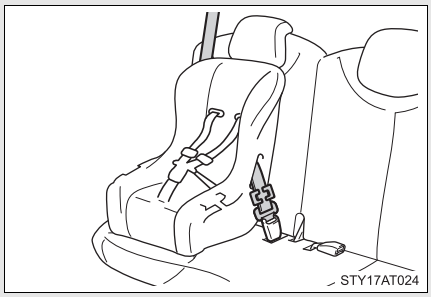
CAUTION

When the child restraint system is not in use

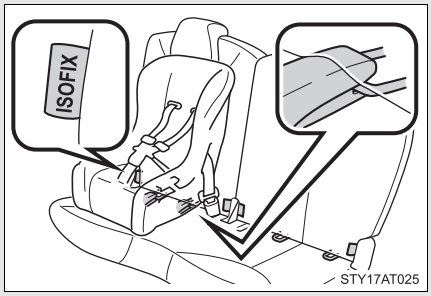
- Keep the child restraint system properly secured on the seat even if it is not in use. Do not store the child restraint system unsecured in the passenger compartment.
- If it is necessary to detach the child restraint system, remove it from the vehicle or store it securely in the luggage compartment.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

Installing child restraints

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

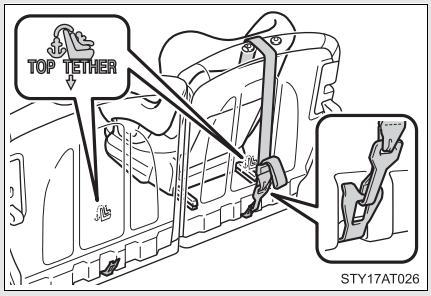


Seat belts (An ELR belt requires a locking clip.)



Vehicles with split rear seats: ISOFIX rigid anchors (ISOFIX child restraint system)

Lower anchor is provided for each rear seat. (Tags displaying the location of the anchors are attached to the seats.)

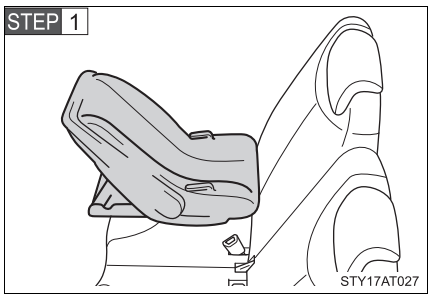


Vehicles with split rear seats: Anchor brackets (for top strap)

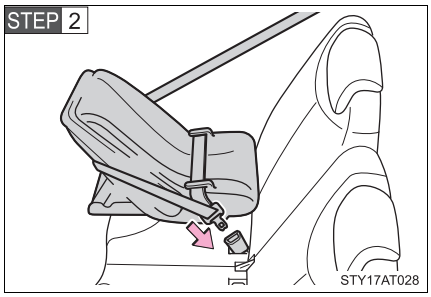
Anchor bracket is provided for each rear seat.

Installing child restraints using a seat belt

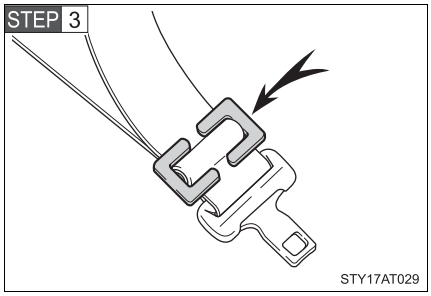
■ Rear-facing — Baby seat/child seat



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

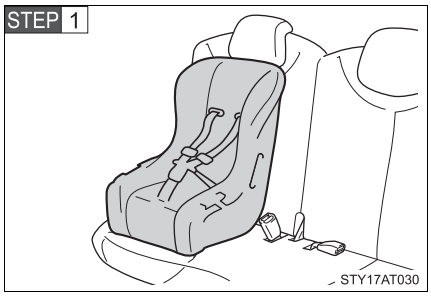


Run the seat belt through the child restraint system and insert the plate into the buckle. Make sure that the belt is not twisted.

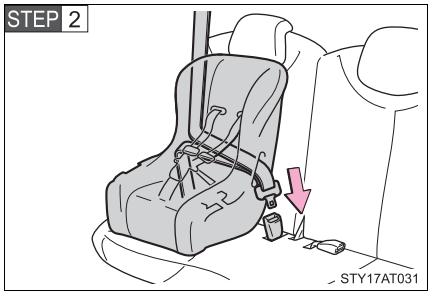


Install a locking clip near the tab of the lap and shoulder belt by inserting the lap and shoulder webbing through the recesses of the locking clip. Buckle the belt again. If the belt has any slack, release the buckle and reinstall the locking clip.

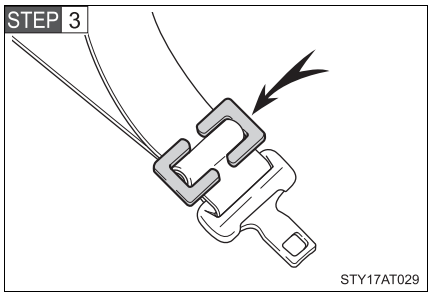
■ Forward-facing — Child seat



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

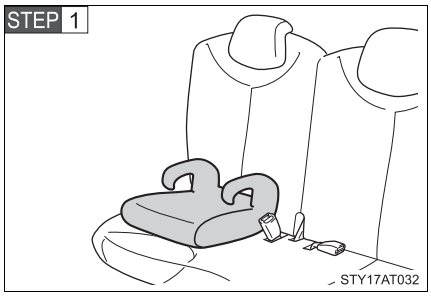


Run the seat belt through the child restraint system and insert the plate into the buckle. Make sure that the belt is not twisted.



Install a locking clip near the tab of the lap and shoulder belt by inserting the lap and shoulder webbing through the recesses of the locking clip. Buckle the belt again. If the belt has any slack, release the buckle and reinstall the locking clip.

■ Junior seat

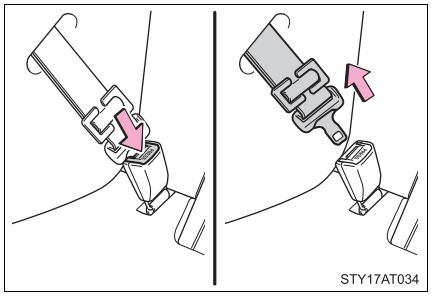


Place the child restraint system on the seat facing the front of the vehicle.

Sit the child in the child restraint system. Fit the seat belt to the child restraint system according to the manufacturer's instructions and insert the plate into the buckle. Make sure that the belt is not twisted.

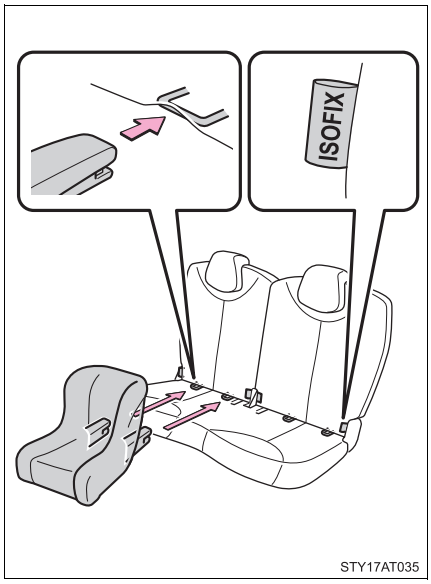
Check that the shoulder belt is correctly positioned over the child's shoulder and that the lap belt is as low as possible.
(→P. 59)

Removing a child restraint installed with a seat belt



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

Installation with ISOFIX rigid anchors (ISOFIX child restraint system) (vehicles with split rear seats)



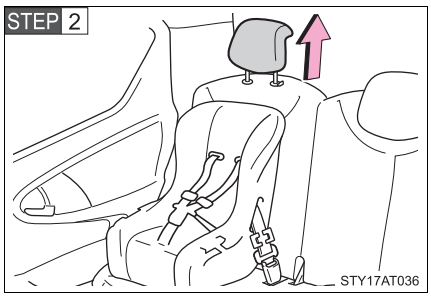
STEP 1 Widen the gap between the seat cushion and seatback slightly.

STEP 2 Latch the buckles onto the anchors.

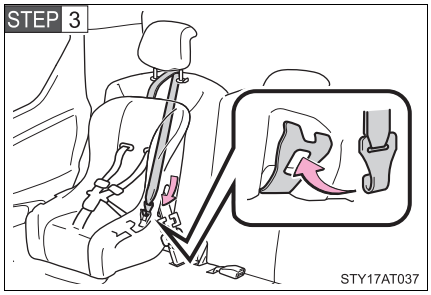
If the child restraint has a top strap, the top strap should be latched onto the anchor bracket.

Child restraint systems with a top strap (vehicles with split rear seats)

STEP 1 Remove the luggage cover. (→P. 240)

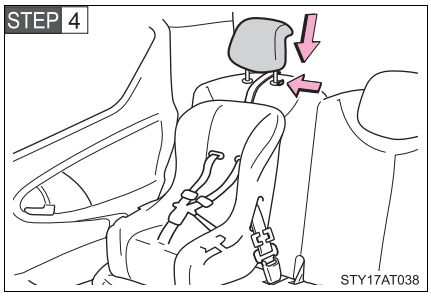


Secure the child restraint using a seat belt or ISOFIX rigid anchors and move up the head restraint.



Latch the hook onto the anchor bracket and tighten the top strap.

Make sure the top strap is securely latched.



Move down the head restraint.

■ **When installing a child restraint system**

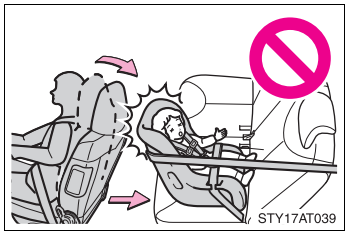
You need a locking clip to install the child restraint system. Follow the instructions provided by the manufacturer of the system. If your child restraint system does not provide a locking clip, you can purchase the following item from any authorized Toyota dealer or repairer, or another duly qualified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

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

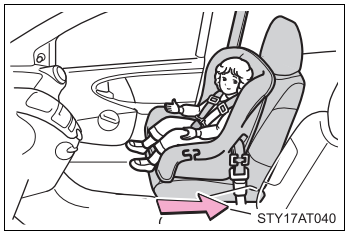
CAUTION

When installing a child restraint system

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



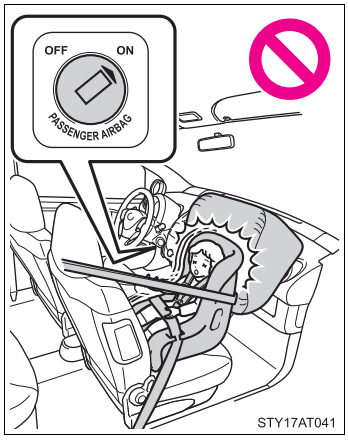
- If the driver's seat interferes with the child restraint system and prevents it from being attached correctly, attach the child restraint system to the right-hand rear seat (left-hand drive vehicles) or the left-hand rear seat (right-hand drive vehicles).
- Adjust the front passenger seat so that it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

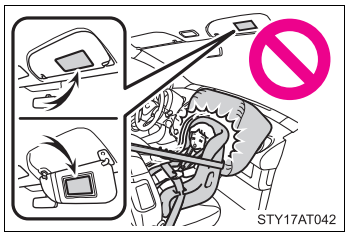


- When installing a forward-facing child restraint system on the front passenger seat, move the seat as far back as possible.
  Failure to do so may result in death or serious injury if the airbags deploy (inflate).

CAUTION

■ **When installing a child restraint system**





- Never use a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on. (→P. 93)

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

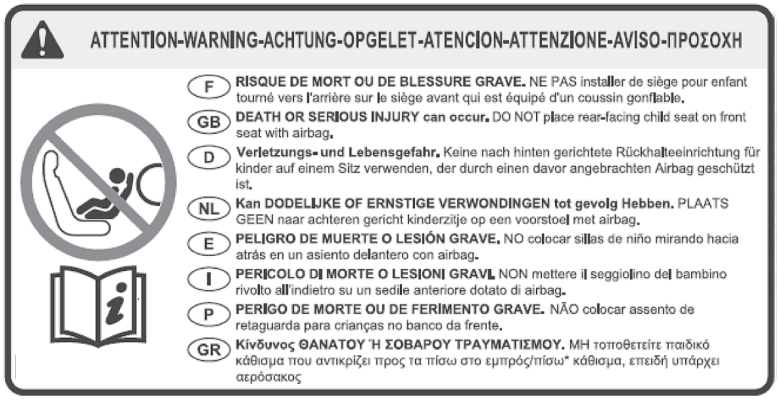
  There is a label on both sides of the passenger side sun visor, indicating it is forbidden to attach a rear-facing child restraint system to the front passenger seat.

  Details of the label on the passenger side sun visor are shown in the illustration below. The label includes information written in the language of your country.

CAUTION

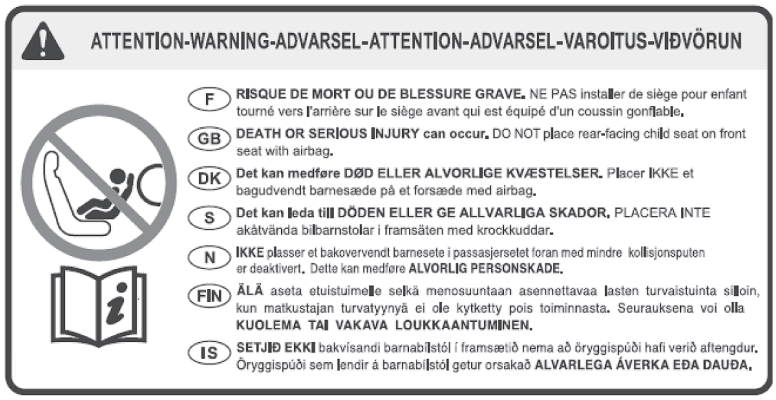
■ **When installing a child restraint system**

Type A



STY17AT043

Type B

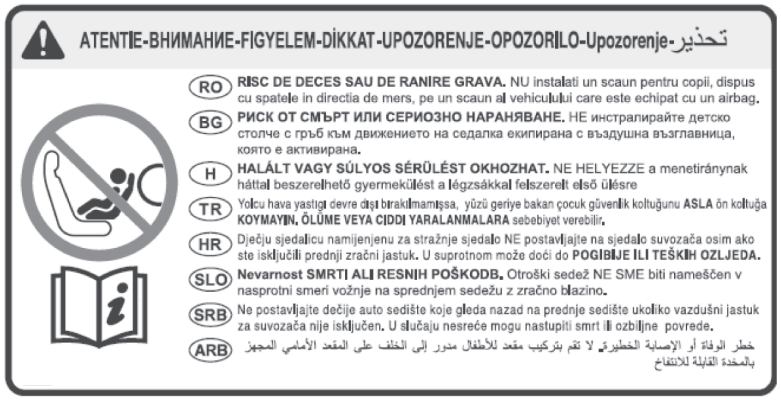


STY17AT044

CAUTION

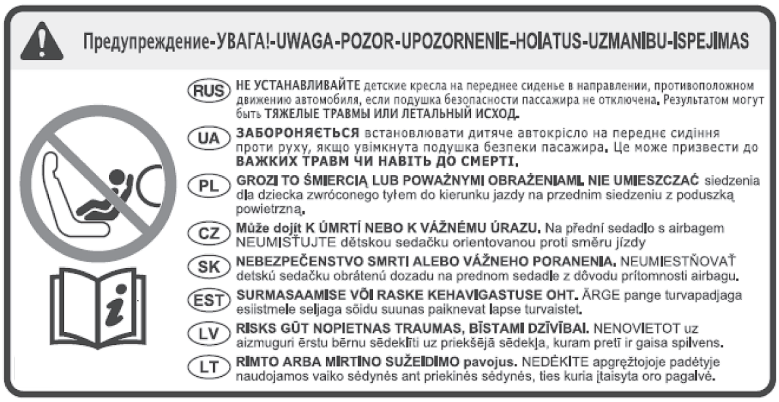
■ **When installing a child restraint system**

Type C



STY17AT045

Type D



STY17AT046

CAUTION

■ **When installing a child restraint system**

- If child restraint system regulations exist in the country where you reside, please contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for the child restraint system installation.
- When a junior seat is installed, always ensure that the shoulder belt is positioned across the center of the child's shoulder. The belt should be kept away from the child's neck, but not so that it could fall off the child's shoulder. Failure to do so may result in death or serious injury in the event of sudden braking, sudden swerving or an accident.
- Ensure that the belt and plate are securely locked and the seat belt is not twisted.
- Shake the child restraint system left and right, and forward and backward to ensure that it has been securely installed.
- Follow all installation instructions provided by the child restraint system manufacturer.

■ **To correctly attach a child restraint system to the anchors (vehicles with split rear seats)**

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

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Driving the vehicle

The following procedures should be observed to ensure safe driving:

■ Starting the engine

→P. 130

■ Driving

Vehicles with a multi-mode manual transmission

STEP 1 With the brake pedal depressed, shift the shift lever to E or M. (→P. 133)

When shifting the shift lever to E: Make sure that the display of the gear position indicator shows E.
When shifting the shift lever to M: Make sure that the display of the gear position indicator shows 1.

STEP 2 Release the parking brake. (→P. 141)

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

Vehicles with a manual transmission

STEP 1 While depressing the clutch pedal, shift the shift lever to 1. (→P. 138)

STEP 2 Release the parking brake. (→P. 141)

STEP 3 Gradually release the clutch pedal. At the same time, gently depress the accelerator pedal to accelerate the vehicle.

■ **Stopping**

Vehicles with a multi-mode manual transmission

STEP 1 With the shift lever in E or M, depress the brake pedal.

STEP 2 If necessary, set the parking brake.

If the vehicle is to be stopped for an extended period of time, shift the shift lever to N. (→P. 133)

Vehicles with a manual transmission

STEP 1 While depressing the clutch pedal, depress the brake pedal.

STEP 2 If necessary, set the parking brake.

If the vehicle is to be stopped for an extended period of time, shift the shift lever to N. (→P. 138)

■ **Parking the vehicle**

Vehicles with a multi-mode manual transmission

STEP 1 With the shift lever in E or M, depress the brake pedal.

STEP 2 Set the parking brake. (→P. 141)

STEP 3 Shift the shift lever to E, M or R. (→P. 133)

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

STEP 4 Turn the engine switch to the “LOCK” position to stop the engine.

Make sure that the display of the gear position indicator shows 1 or R.

STEP 5 Lock the door, making sure that you have the key on your person.

Vehicles with a manual transmission

STEP 1 While depressing the clutch pedal, depress the brake pedal.

STEP 2 Set the parking brake. (→P. 141)

STEP 3 Shift the shift lever to N. (→P. 138)

If parking on a hill, shift the shift lever to 1 or R and block the wheels as needed.

STEP 4 Turn the engine switch to the “LOCK” position to stop the engine.

STEP 5 Lock the door, making sure that you have the key on your person.

Starting off on a steep uphill

Vehicles with a multi-mode manual transmission

STEP 1 With the brake pedal depressed, firmly set the parking brake and shift the shift lever to E or M.

When shifting the shift lever to E: Make sure that the display of the gear position indicator shows E.
When shifting the shift lever to M: Make sure that the display of the gear position indicator shows 1.

STEP 2 Gently depress the accelerator pedal.

STEP 3 Release the parking brake.

Vehicles with a manual transmission

STEP 1 With the parking brake firmly set and the clutch pedal fully depressed, shift the shift lever to 1.

STEP 2 Lightly depress the accelerator pedal at the same time as gradually releasing the clutch pedal.

STEP 3 Release the parking brake.

■ **Driving in the rain**

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

■ **Breaking in your new Toyota**

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

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

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

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P. 347)

CAUTION

When starting the vehicle (vehicles with a multi-mode manual transmission)

Always keep your foot on the brake pedal while stopped with the engine running. This prevents the vehicle from moving unexpectedly.

When driving the vehicle

- Do not drive if you are unfamiliar with the location of the brake and accelerator pedals to avoid depressing the wrong pedal.
  - Accidentally depressing the accelerator pedal instead of the brake pedal will result in sudden acceleration that may lead to an accident that could result in death or serious injury.
  - When backing up, you may twist your body around, leading to a difficulty in operating the pedals. Make sure to operate the pedals properly.
  - Make sure to keep a correct driving posture even when moving the vehicle only slightly. This allows you to depress the brake and accelerator pedals properly.
  - Depress the brake pedal using your right foot. Depressing the brake pedal using your left foot may delay response in an emergency, resulting in an accident.
- Do not drive the vehicle over or stop the vehicle near flammable materials. The exhaust system and exhaust gases can be extremely hot. These hot parts may cause a fire if there is any flammable material nearby.
- On vehicles with a multi-mode manual transmission, do not let the vehicle roll backward while the shift lever is in a driving position, or roll forward while the shift lever is in R.
  Doing so may cause the engine to stall or lead to poor brake and steering performance, resulting in an accident or damage to the vehicle.
- If the smell of exhaust is noticed inside the vehicle, open the windows and check that the back door is closed. Large amounts of exhaust in the vehicle can cause driver drowsiness and an accident, resulting in death or a serious health hazard. Have the vehicle inspected immediately by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

CAUTION

- Do not shift the shift lever to R while the vehicle is moving forward.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift lever to E or M (vehicles with a multi-mode manual transmission), or 1 (vehicles with a manual transmission) while the vehicle is moving backward.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Moving the shift lever to N while the vehicle is moving will disengage the engine from the transmission. Engine braking is not available when N is selected.
- During normal driving, do not turn off the engine. Turning the engine off while driving will not cause loss of steering or braking control, but the power assist to these systems will be lost. This will make it more difficult to steer and brake, so you should pull over and stop the vehicle as soon as it is safe to do so.
  However, in the event of an emergency, such as if it becomes impossible to stop the vehicle in the normal way: →P. 341
- Use engine braking (downshift) to maintain a safe speed when driving down a steep hill.
  Using the brakes continuously may cause the brakes to overheat and lose effectiveness. (→P. 133, 138)
- When stopped on an inclined surface, use the brake pedal and parking brake to prevent the vehicle from rolling backward or forward and causing an accident.
- Do not adjust the positions of the steering wheel, the seat, or the inside or outside rear view mirrors while driving.
  Doing so may result in a loss of vehicle control that can cause accidents, resulting in death or serious injury.
- Always check that all passengers' arms, heads or other parts of their body are not outside the vehicle, as this may result in death or serious injury.

CAUTION

■ **When driving on slippery road surfaces**

- Sudden braking, acceleration and steering may cause tire slippage and reduce your ability to control the vehicle, resulting in an accident.
- Sudden acceleration, engine braking due to shift changing, or changes in engine speed could cause the vehicle to skid, resulting in an accident.
- After driving through a puddle, lightly depress the brake pedal to make sure that the brakes are functioning properly. Wet brake pads may prevent the brakes from functioning properly. If the brakes on only one side are wet and not functioning properly, steering control may be affected, resulting in an accident.

■ **When shifting the shift lever (vehicles with a multi-mode manual transmission)**

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

■ **When the vehicle is stopped**

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

CAUTION

■ **When the vehicle is parked**

- Do not leave glasses, cigarette lighters, spray cans, or soft drink cans in the vehicle when it is in the sun.
  Doing so may result in the following:
  - Gas may leak from a cigarette lighter or spray can, and may lead to a fire.
  - The temperature inside the vehicle may cause the plastic lenses and plastic material of glasses to deform or crack.
  - Soft drink cans may fracture, causing the contents to spray over the interior of the vehicle, and may also cause a short circuit in the vehicle's electrical components.
- Do not leave cigarette lighters in the vehicle. If a cigarette lighter is in a place such as the glove box or on the floor, it may be lit accidentally when luggage is loaded or the seat is adjusted, causing a fire.
- Do not attach adhesive discs to the windshield or windows. Do not place containers such as air fresheners on the instrument panel or dashboard. Adhesive discs or containers may act as lenses, causing a fire in the vehicle.
- Do not leave a door or window open if the curved glass is coated with a metallized film such as a silver-colored one. Reflected sunlight may cause the glass to act as a lens, causing a fire.
- On vehicles with a multi-mode manual transmission, always apply the parking brake, shift the shift lever to E, M or R, stop the engine and lock the vehicle.
  Do not leave the vehicle unattended while the engine is running.
- Do not touch the exhaust pipes while the engine is running or immediately after turning the engine off.
  Doing so may cause burns.
- Do not leave the engine running in an area with snow build-up, or where it is snowing. If snowbanks build up around the vehicle while the engine is running, exhaust gases may collect and enter the vehicle. This may lead to death or a serious health hazard.

CAUTION

- On vehicles with a multi-mode manual transmission, do not turn off the engine until 1st or reverse is engaged properly and completely. Confirm that the gear is engaged by viewing the gear position indicator.
  Parking the vehicle without a gear engaged may cause the vehicle to move result in an accident.

Exhaust gases

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

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

When taking a nap in the vehicle

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

CAUTION

When braking

- When the brakes are wet, drive more cautiously.
  Braking distance increases when the brakes are wet, and this may cause one side of the vehicle to brake differently than the other side. Also, the parking brake may not securely hold the vehicle.
- If the power brake assist function does not operate, do not follow other vehicles closely and avoid hills or sharp turns that require braking.
  In this case, braking is still possible, but the brake pedal should be depressed more firmly than usual. Also, the braking distance will increase.
- Do not pump the brake pedal if the engine stalls.
  Each push on the brake pedal uses up the reserve for the power-assisted brakes.
- The brake system consists of 2 individual hydraulic systems; if one of the systems fails, the other will still operate. In this case, the brake pedal should be depressed more firmly than usual and the braking distance will increase.
  If this happens, do not continue to drive the vehicle. Have your brakes fixed immediately.

NOTICE

■ **When driving the vehicle**

Vehicles with a multi-mode manual transmission

- Do not depress the accelerator and brake pedals at the same time during driving. If the brake pedal is depressed while driving with the accelerator pedal depressed, driving torque may be restrained.
- Do not use the accelerator pedal or starting assist system to hold the vehicle on a hill.
  Doing so may damage the clutch.

Vehicles with a manual transmission

- Do not depress the accelerator and brake pedals at the same time during driving. If the brake pedal is depressed while driving with the accelerator pedal depressed, driving torque may be restrained.
- Do not shift gears unless the clutch pedal is fully depressed. After shifting, do not release the clutch pedal abruptly. Doing so may damage the clutch, transmission and gears.
- Observe the following to prevent the clutch from being damaged.
  - Do not rest your foot on the clutch pedal while driving.
    Doing so may cause clutch trouble.
  - Do not use any gears other than the 1st gear when starting off and moving forward.
    Doing so may damage the clutch.
  - Do not use the clutch to hold the vehicle when stopping on an uphill grade.
    Doing so may damage the clutch.
- Do not shift the shift lever to R when the vehicle is still moving. Doing so may damage the clutch, transmission and gears.

■ **Avoiding damage to vehicle parts**

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

NOTICE

If you get a flat tire while driving

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

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

Information on what to do in case of a flat tire (→P. 318)

When encountering flooded roads

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

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

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

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

Engine (ignition) switch

■ Starting the engine

Vehicles with a multi-mode manual transmission

STEP 1 Check that the parking brake is set.

STEP 2 Firmly depress the brake pedal, turn the engine switch to the “ON” position and shift the shift lever to N. (→P. 133)

STEP 3 Turn the engine switch to the “START” position to start the engine.

Vehicles with a manual transmission

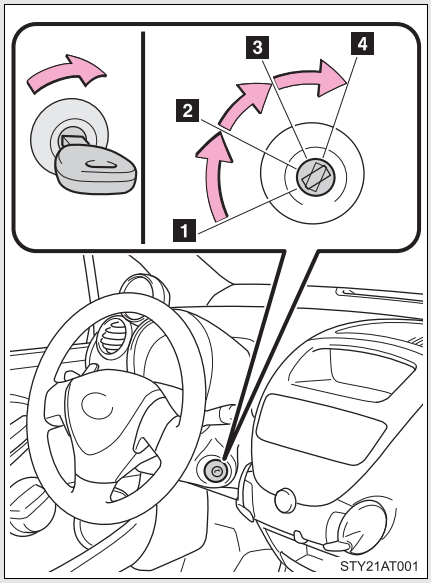
STEP 1 Check that the parking brake is set.

STEP 2 Check that the shift lever is set in N.

STEP 3 Firmly depress the clutch pedal.

STEP 4 Turn the engine switch to the “START” position to start the engine.

■ Changing the engine switch positions



1 “LOCK” position

The steering wheel is locked and the key can be removed.

2 “ACC” position

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

3 “ON” position

All electrical components can be used.

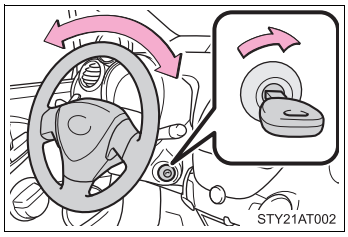
4 “START” position

For starting the engine.

■ **If the engine does not start**

The engine immobilizer system may not have been deactivated. (→P. 73) Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **When the steering lock cannot be released**



When starting the engine, the engine switch may seem stuck in the “LOCK” position. To free it, turn the key while turning the steering wheel slightly left and right.

⚠ CAUTION

■ **When starting the engine**

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

■ **Caution when driving**

Do not turn the engine switch to the “LOCK” position while driving. If, in an emergency, you must turn the engine off while the vehicle is moving, turn the engine switch only to the “ACC” position to stop the engine. An accident may result if the engine is stopped while driving. (→P. 341)

NOTICE

To prevent battery discharge

Do not leave the engine switch in the “ACC” or “ON” position for long periods of time without the engine running.

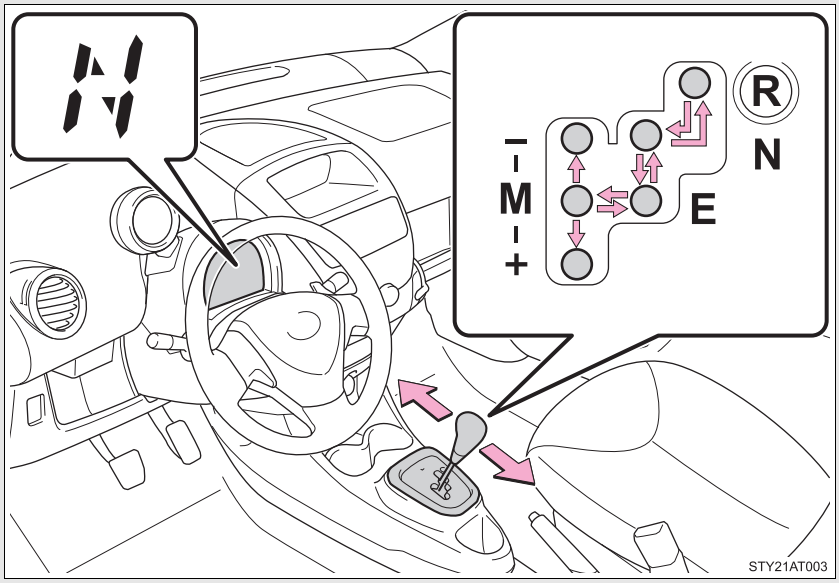
When starting the engine

- Do not crank the engine for more than 30 seconds at a time. This may overheat the starter and wiring system.
- Do not race a cold engine.
- If the engine becomes difficult to start or stalls frequently, have your vehicle checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Multi-mode manual transmission*

Select a shift position appropriate for the driving conditions.

Shifting the shift lever



Shift position purpose

Shift position	Function
R	Reversing
N	Neutral or starting the engine
E	Easy (E) mode driving*1
M	Manual (M) mode driving*2 (→P. 134)

*1: The most appropriate gear is automatically selected upon an operation of the accelerator pedal and vehicle speed.

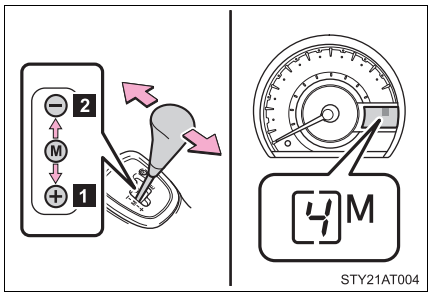
*2: A gear must be selected manually. However, the gear may automatically be changed down optimally according to vehicle speed.

*: If equipped

Changing gears in M mode

When shift lever is in the M position, the shift lever or paddle shift switches can be operated as follows:

Shift lever

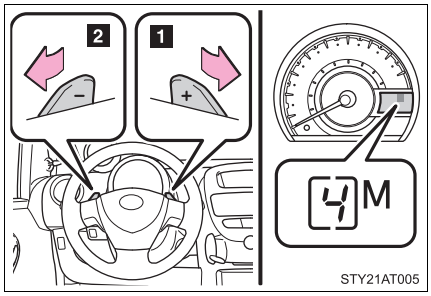


1 Upshifting

2 Downshifting

Shifting operation may be restricted depending on the vehicle speed.

Paddle shift switches



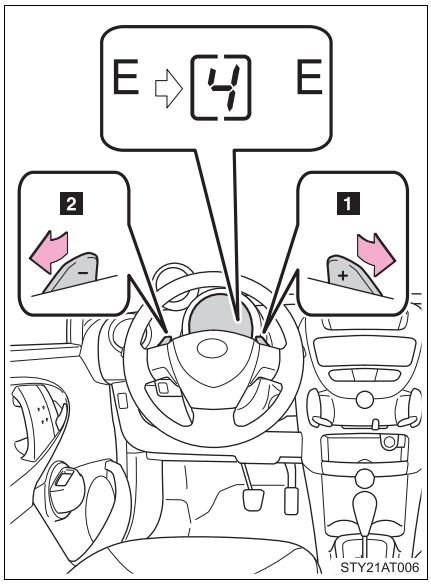
1 Upshifting

2 Downshifting

Shifting operation may be restricted depending on the vehicle speed.

Changing gears in E mode

When the E mode is selected, the paddle shift switches can be used as follows to select a gear temporarily.



1 Upshifting

2 Downshifting

The gear will be displayed.

To return to E mode, the “+” paddle shift switch must be held down for a period of time.

Shifting operation may be restricted depending on the vehicle speed.

■ **Maximum allowable speeds**

Observe the following maximum allowable speeds in each gear.

Gear	Maximum speed km/h (mph)
1	51 (31)
2	95 (59)
3	139 (86)

■ **If the shift lever cannot be shifted**

- With the shift lever in N
  Depress the brake pedal to shift the shift lever. If the shift lever cannot be shifted with your foot on the brake, there may be a problem with the shift lock system. (→P. 330)
- With the shift lever in a position other than N

  →P. 330

■ **If the driver's door is opened when the shift lever is in a position other than N and the engine is running**

A buzzer will sound. Close the driver's door.

■ **If the "M" indicator does not come on even after shifting the shift lever to M**

This may indicate a malfunction in the multi-mode manual transmission system. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.
(In this situation, the transmission will operate in the same manner as when the shift lever is in E.)

■ **If the “N” indicator is flashing**

- When shifting the shift lever
  Shift the shift lever to N. Wait a few seconds and shift the shift lever to the desired position.
- When the engine is turned off
  Turn the engine switch to the “ON” position. Depress the brake pedal and shift the shift lever to N, and then to the desired position.

If the indicator still flashes after the above operations, shift the shift lever to N and start the engine. Then, shift the shift lever to the desired position.

■ **Reverse warning buzzer**

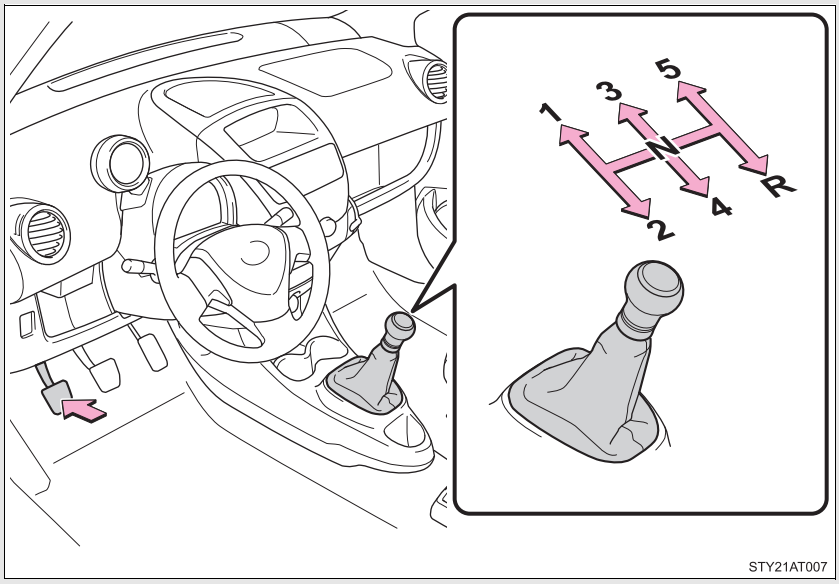
When shifting into R, a buzzer will sound to inform the driver that the shift lever is in R.

■ **Downshift restriction warning buzzer (in E mode [when the paddle shift switches are operated] or M mode)**

To help ensure safety and driving performance, downshifting operation may sometimes be restricted. In some circumstances, downshifting may not be possible even when the shift lever or paddle shift switches are operated. (A buzzer will sound twice.)

Manual transmission*

■ Shifting the shift lever



Fully depress the clutch pedal before operating the shift lever, and then release it slowly.

If it is difficult to shift in reverse, shift the shift lever to N, release the clutch pedal momentarily, and then try again.

*: If equipped

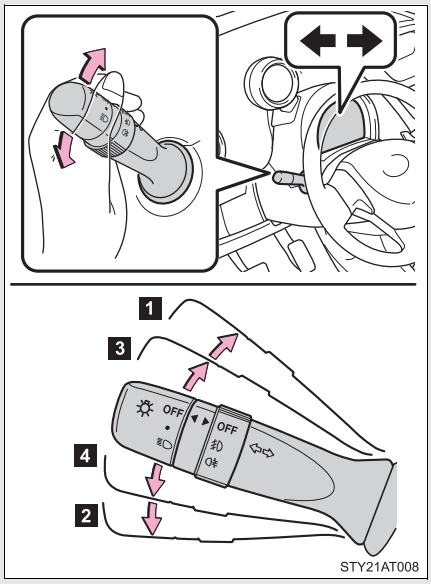
Maximum downshifting speed

Observe the downshifting speeds in the following table to prevent over-revving the engine.

Shift position	Maximum speed km/h (mph)
1	51 (31)
2	95 (59)
3	139 (86)

Turn signal lever

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



1 Right turn

2 Left turn

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

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

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

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

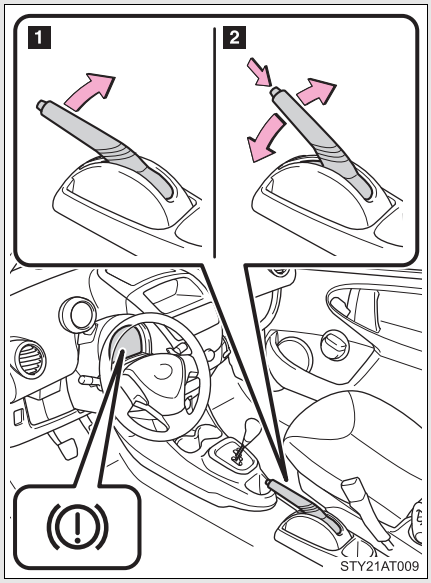
■ **Turn signals can be operated when**

The engine switch is in the “ON” position.

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

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

Parking brake



1 To set the parking brake, fully pull the parking brake lever while depressing the brake pedal.

2 To release the parking brake, slightly raise the lever and lower it completely while pressing the button.

■ **Usage in winter time**

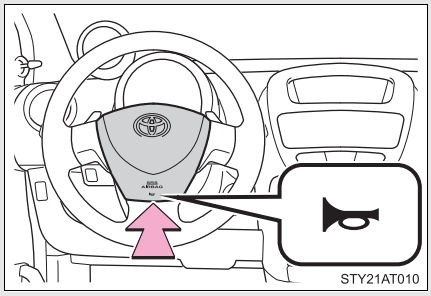
→P. 163

⚠ NOTICE

■ **Before driving**

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

Horn

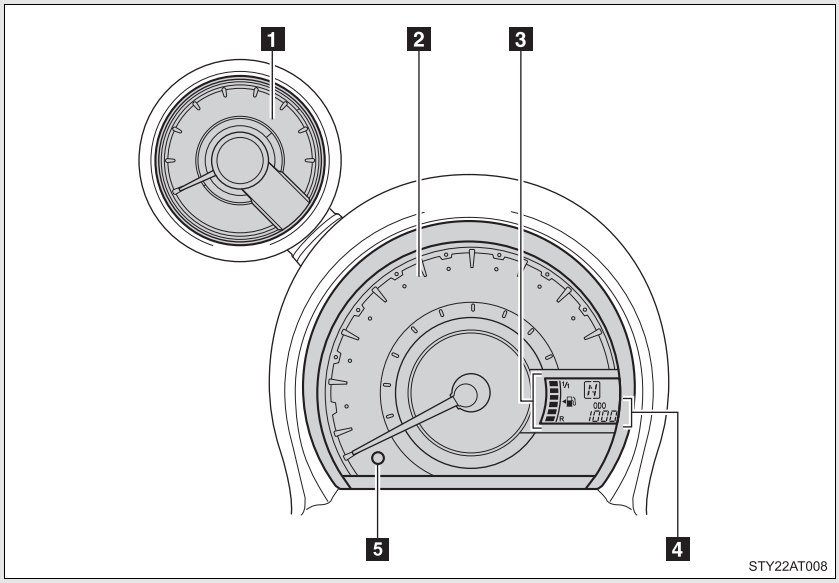


To sound the horn, press on or close to the mark.

■ **After adjusting the steering wheel**

Make sure that the steering wheel is securely locked.
The horn may not sound if the steering wheel is not securely locked.
(→P. 63)

Gauges and meters



1 Tachometer (if equipped)

Displays the engine speed in revolutions per minute.

2 Speedometer

Displays the vehicle speed.

3 Fuel gauge

Displays the quantity of fuel remaining in the tank.

4 Odometer and trip meter

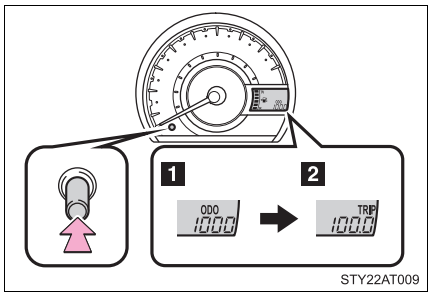
Odometer: Displays the total distance the vehicle has been driven.

Trip meter: Displays the distance the vehicle has been driven since the meter was last reset.

5 Odometer/trip meter display change button

→P. 144

Changing the display



Switches between odometer and trip meter displays. When the trip meter is displayed, pressing and holding the button will reset the trip meter.

The meters and display operate when

The engine switch is in the “ON” position.

NOTICE

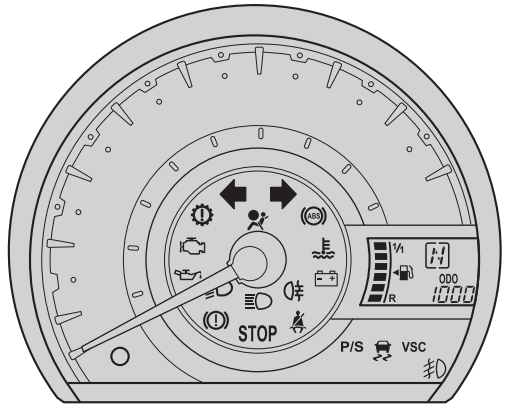
To prevent damage to the engine and its components

- Vehicles with a tachometer: Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed.
- The engine may be overheating if the high engine coolant temperature warning light flashes or turns on. In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P. 336)

Indicators and warning lights

The indicators and warning lights on the instrument cluster and center panel inform the driver of the status of the vehicle's various systems.
For the purpose of explanation, the following illustration displays all indicators and warning lights illuminated.

Instrument cluster



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Indicators

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

Turn signal indicator (→P. 140)

Headlight low beam indicator (→P. 148)

Headlight high beam indicator (→P. 148)

Front fog light indicator (→P. 153)
(If equipped)

Rear fog light indicator (→P. 152)

Shift position and gear position indicators (→P. 133)
(Vehicles with a multi-mode manual transmission)

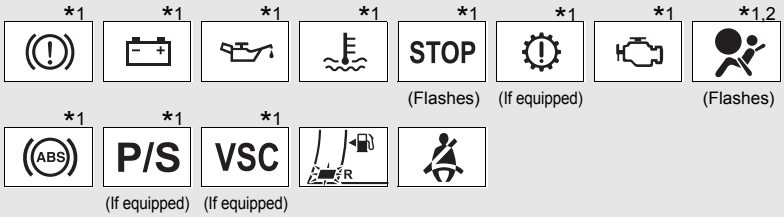
*1,2
Slip indicator (→P. 158)
(If equipped)

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

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

Warning lights

Warning lights inform the driver of malfunctions in any of the vehicle's systems. (→P. 312)



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

*2: The light comes on when the airbag manual on-off switch turned to the "OFF" position.

CAUTION

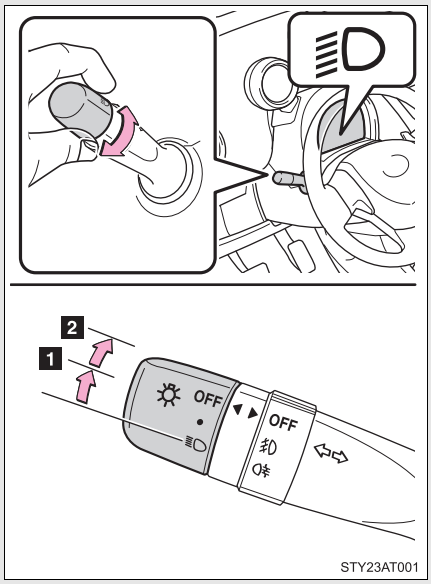
If a safety system warning light does not come on

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

Headlight switch

The headlights can be operated manually.

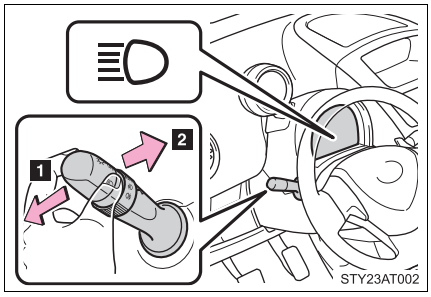
Turning the end of the lever turns on the lights as follows:



1 ● The front position, tail, license plate and instrument panel lights turn on.

2 The headlights and all the lights listed above turn on.

Turning on the high beam headlights



1 With the headlights on, push the lever away from you to turn on the high beams.

Pull the lever toward you to the center position to turn the high beams off.

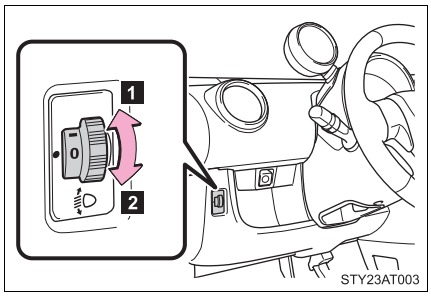
2 Pull the lever toward you and release it to flash the high beams once.

You can flash the high beams with the headlights on or off.

Manual headlight leveling dial

The level of the headlights can be adjusted according to the number of passengers and the loading condition of the vehicle.

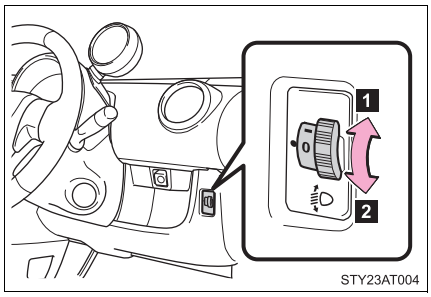
Left-hand drive vehicles



1 Raises the level of the headlights

2 Lowers the level of the headlights

Right-hand drive vehicles



1 Raises the level of the headlights

2 Lowers the level of the headlights

■ **Guide to dial settings**

Vehicle category M1*

Loading condition	Indication figure of control switch
Driver only or Driver + one passenger in the front seat.	0
All passengers.	1
All passengers and Full luggage loading to the luggage room.	2
Driver and Full-luggage loading to the luggage room.	3

Vehicle category N1*

Loading condition	Indication figure of control switch
Driver only	0
Driver and Full-luggage loading to the luggage room	2

*: To distinguish the vehicle category, ask any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Daytime running light system (if equipped)

To make your vehicle more visible to other drivers, the daytime running lights turn on automatically whenever the engine is started. (However, the daytime running light system will be canceled when the headlight switch is operated and turns on the tail lights.) Daytime running lights are not designed for use at night.

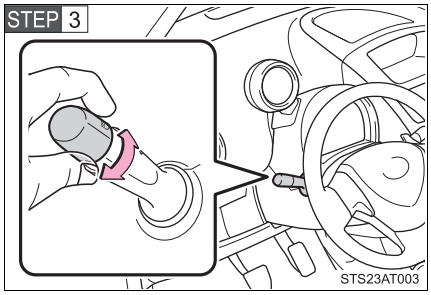
■ **Deactivating/reactivating the daytime running light system**

Follow the procedure below.

STEP 1 Turn the engine switch, headlights and tail lights off and set the parking brake.

STEP 2 Turn the engine switch to the “ON” position.

You must perform step 3 within 5 seconds after turning the engine switch to the “ON” position.



Switch on the tail lights repeatedly, 3 times or more.

A buzzer will sound to indicate that the daytime running light system has been deactivated/reactivated.

If any of the following occurs during the deactivation/reactivation operation, the deactivation/reactivation operation will be canceled:

- The engine switch is turned to the “ACC” or “LOCK” position.
- The parking brake is released.
- The vehicle is moving.

Light reminder buzzer

A buzzer sounds when the engine switch is turned to “LOCK” position and the driver’s door is opened while the lights are turned on.

NOTICE

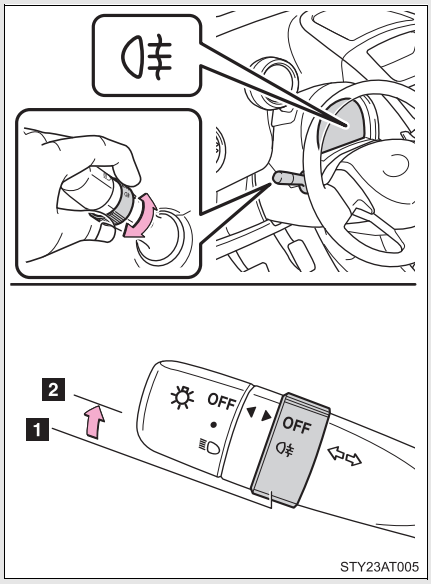
To prevent battery discharge

Do not leave the lights on longer than necessary when the engine is not running.

Fog light switch

The fog lights secure excellent visibility in difficult driving conditions, such as in rain and fog.

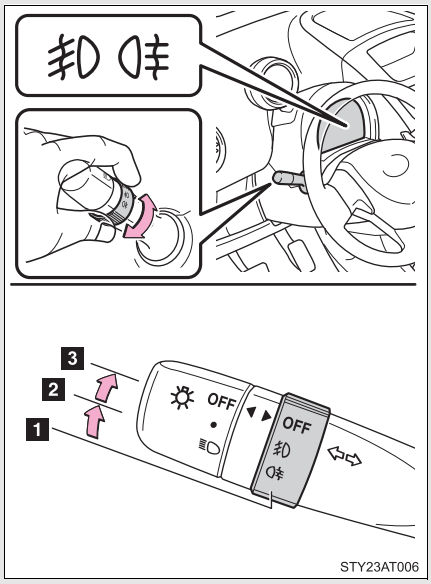
■ Rear fog light switch



1 Turns the rear fog light off

2 Turns the rear fog light on

■ **Front and rear fog light switch (if equipped)**



1 Turns the front and rear fog lights off

2 Turns the front fog lights on

3 Turns both front and rear fog lights on

■ **Fog lights can be used when**

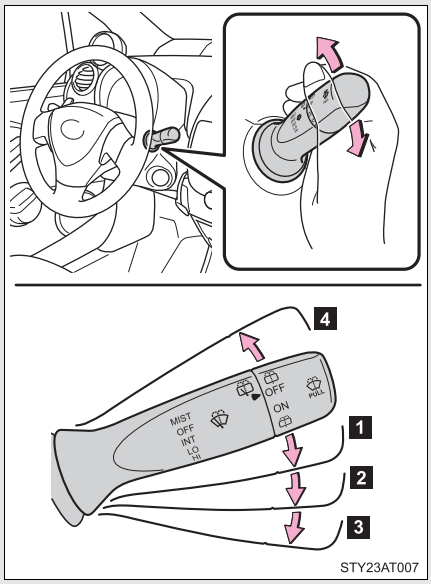
Vehicles with a rear fog light switch
The headlights are turned on.

Vehicles with a front and rear fog light switch
Front fog lights: The headlights or front position lights are turned on.

Rear fog lights: The front fog lights are turned on.

Windshield wiper and washer

The wiper operation is selected by moving the lever as follows:

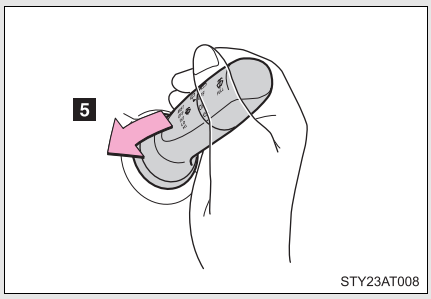


1 Intermittent windshield wiper operation

2 Low speed windshield wiper operation

3 High speed windshield wiper operation

4 Temporary operation



5 Washer/wiper dual operation

The wiper will automatically operate a couple of times after the washer squirts.

■ **The windshield wiper and washer can be operated when**

The engine switch is in the “ON” position.

■ **If no windshield washer fluid sprays**

Check that the washer nozzles are not blocked if there is washer fluid in the windshield washer fluid reservoir.

CAUTION

Caution regarding the use of washer fluid

When it is cold, do not use the washer fluid until the windshield becomes warm. The fluid may freeze on the windshield and cause low visibility. This may lead to an accident, resulting in death or serious injury.

NOTICE

When the windshield is dry

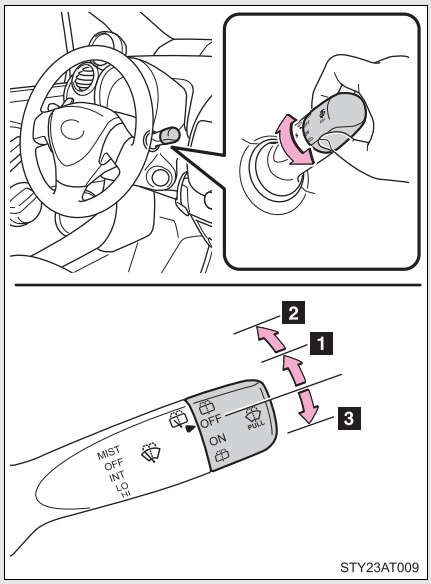
Do not use the wiper, as they may damage the windshield.

When the washer fluid tank is empty

Do not operate the switch continually as the washer fluid pump may overheat.

Rear window wiper and washer

The wiper operation is selected by moving the lever as follows:



1 Normal window wiper operation

2 Washer/wiper dual operation

3 Washer operation

■ **The rear window wiper and washer can be operated when**

The engine switch is in the “ON” position.

■ **If no washer fluid sprays**

Check that the washer nozzle is not blocked if there is washer fluid in the washer fluid reservoir.

CAUTION

■ **Caution regarding the use of washer fluid**

When it is cold, do not use the washer fluid until the windshield becomes warm. The fluid may freeze on the windshield and cause low visibility. This may lead to an accident, resulting in death or serious injury.

NOTICE

■ **When the rear window is dry**

Do not use the wiper, as it may damage the rear window.

■ **When the washer fluid tank is empty**

Do not operate the switch continually as the washer fluid pump may overheat.

Driving assist systems

To help enhance driving safety and performance, the following systems operate automatically in response to various driving situations. Be aware, however, that these systems are supplementary and should not be relied upon too heavily when operating the vehicle.

■ **ABS (Anti-lock Brake System)**

Helps to prevent wheel lock when the brakes are applied suddenly, or if the brakes are applied while driving on a slippery road surface.

■ **Brake assist**

Generates an increased level of braking force after the brake pedal is depressed when the system detects a panic stop situation.

■ **VSC (Vehicle Stability Control) (if equipped)**

Helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces.

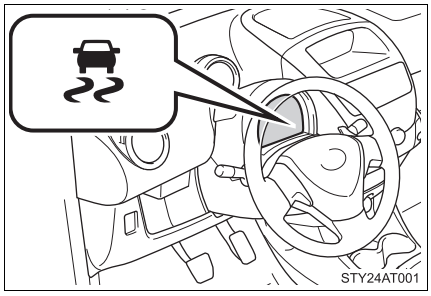
■ **TRC (Traction Control) (if equipped)**

Helps to maintain drive power and prevent the drive wheels from spinning when starting the vehicle or accelerating on slippery roads.

■ **EPS (Electric Power Steering) (if equipped)**

Employs an electric motor to reduce the amount of effort needed to turn the steering wheel.

When the VSC/TRC systems are operating



The slip indicator light flashes to indicate that the VSC/TRC systems are operating.

Sounds and vibrations caused by the ABS, brake assist, VSC and TRC systems

- A sound may be heard from the engine compartment when the engine is started or just after the vehicle begins to move. This sound does not indicate that a malfunction has occurred in any of these systems.
- Any of the following conditions may occur when the above systems are operating. None of these indicates that a malfunction has occurred.
  - Vibrations may be felt through the vehicle body and steering.
  - A motor sound may be heard after the vehicle comes to a stop.
  - The brake pedal may pulsate slightly while the ABS is operating.
  - The brake pedal may move down slightly after the ABS is activated.

EPS operation sound

When the steering wheels is operated, a motor sound (whirring sound) may be heard. This does not indicate a malfunction.

Reduced effectiveness of the EPS system

The effectiveness of the EPS system is reduced to prevent the system from overheating when there is frequent steering input over an extended period of time. The steering wheel may feel heavy as a result. Should this occur, refrain from excessive steering input or stop the vehicle and turn the engine off. The EPS system should return to normal within 10 minutes.

CAUTION

The ABS does not operate effectively when

- Tires with inadequate gripping ability are used (such as excessively worn tires on a snow covered road).
- The vehicle hydroplanes while driving at high speed on wet or slick roads.

CAUTION

■ **Stopping distance when the ABS is operating may exceed that of normal conditions**

The ABS is not designed to shorten the vehicle's stopping distance. Always maintain a safe distance from the vehicle in front of you in the following situations:

- When driving on dirt, gravel or snow-covered roads
- When driving with tire chains
- When driving over bumps in the road
- When driving over roads with potholes or roads with uneven surfaces

■ **TRC may not operate effectively when**

Directional control and power may not be achievable while driving on slippery road surfaces, even if the TRC system is operating.
Be especially careful and drive the vehicle in conditions where stability and power may be lost.

■ **When the VSC is activated**

The slip indicator light flashes. Always drive carefully. Reckless driving may cause an accident. Exercise particular care when the indicator light flashes.

■ **Replacing tires**

Observe the following precautions.
Failure to do so may cause the ABS, VSC and TRC systems not to function correctly.

- Make sure that all tires are of the specified size, brand, tread pattern and total load capacity.
- Do not use tires of noticeably different wear level.
- Make sure that the tires are inflated to the recommended tire inflation pressure level. (→P. 353)

Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for further information when replacing tires or wheels.

■ **Handling of tires and the suspension**

Using tires with any kind of problem or modifying the suspension will affect the driving assist systems, and may cause a system to malfunction.

Cargo and luggage

Take notice of the following information about storage precautions, cargo capacity and load:

- Stow cargo and luggage in the luggage compartment whenever possible.
- Be sure all items are secured in place.
- To maintain vehicle balance while driving, position luggage evenly within the luggage compartment.
- For better fuel economy, do not carry unnecessary weight.

CAUTION

Things that must not be carried in the luggage compartment

The following things may cause a fire if loaded in the luggage compartment:

- Receptacles containing gasoline
- Aerosol cans

Storage precautions

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

- Stow cargo and luggage in the luggage compartment whenever possible.
- Do not stack cargo and luggage in the luggage compartment higher than the seatbacks.
  Such items may be thrown about and possibly injure people in the vehicle in the event of sudden braking or in an accident.
- Do not place cargo or luggage in or on the following locations as the item may get under the clutch, brake or accelerator pedal and prevent the pedals from being depressed properly, block the driver's vision, or hit the driver or passengers, causing an accident:
  - At the feet of the driver
  - On the front passenger or rear seats (when stacking items)
  - On the luggage cover
  - On the instrument panel
  - On the dashboard

CAUTION

- Secure all items in the occupant compartment, as they may shift and injure someone in the event of an accident or sudden braking.
- Vehicles with a rear seat: When you fold down the rear seats, long items should not be place directly behind the front seats.
- Never allow anyone to ride in the luggage compartment. It is not designed for passengers. They should ride in their seats with their seat belts properly fastened. Otherwise, they are much more likely to suffer death or serious bodily injury, in the event of sudden braking or an accident.

Load and distribution

- Do not overload your vehicle.
- Do not apply loads unevenly.
  Improper loading may cause deterioration of steering or braking control which may cause death or serious injury.

Winter driving tips

Carry out the necessary preparations and inspections before driving the vehicle in winter. Always drive the vehicle in a manner appropriate to the prevailing weather conditions.

Pre-winter preparations

- Use fluids that are appropriate to the prevailing outside temperatures.
  - Engine oil
  - Engine coolant
  - Washer fluid
- Have a service technician inspect the condition of the battery.
- Have the vehicle fitted with four snow tires or purchase a set of tire chains for the front tires.

  Ensure that all tires are the same size and brand and that their wear level is not noticeably different with each other. Also make sure that chains match the size of the tires.

Before driving the vehicle

Perform the following according to the driving conditions:

- Do not try to forcibly open a window or move a wiper that is frozen. Pour warm water over the frozen area to melt the ice. Wipe away the water immediately to prevent it from freezing.
- To ensure proper operation of the climate control system fan, remove any snow that has accumulated on the air inlet vents in front of the windshield.
- Check for and remove any excess ice or snow that may have accumulated on the exterior lights, vehicle's roof, chassis, around the tires or on the brakes.
- Remove any snow or mud from the bottom of your shoes before getting in the vehicle.

■ **When driving the vehicle**

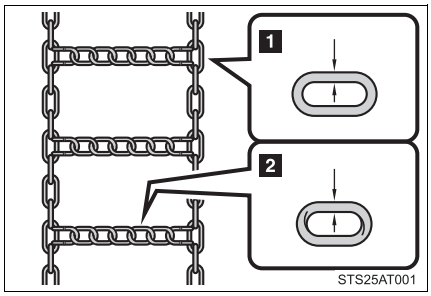
Accelerate the vehicle slowly, keep a safe distance between you and the vehicle ahead, and drive at a reduced speed suitable to road conditions.

■ **When parking the vehicle (in the winter time or in the cold latitudes)**

Park the vehicle and move the shift lever to E, M or R (vehicles with a multi-mode manual transmission) or 1 or R (vehicles with a manual transmission) without setting the parking brake. The parking brake may freeze up, preventing it from being released. If necessary, block the wheels to prevent inadvertent sliding or creeping.

Selecting tire chains

Use the correct tire chain size when mounting the tire chains.
Chain size is regulated for each tire size.



1 Side chain
4 mm (0.16 in.) in diameter

2 Cross chain
5 mm (0.20 in.) in diameter

Regulations on the use of tire chains

Regulations regarding the use of tire chains vary depending on location and type of road. Always check local regulations before installing chains.

Tire chain installation

Observe the following precautions when installing and removing chains:

- Install and remove tire chains in a safe location.
- Install tire chains on the front tires only. Do not install tire chains on the rear tires.
- Install tire chains on front tires as tightly as possible. Retighten chains after driving 0.5 — 1.0 km (1/4 — 1/2 mile).
- Install tire chains following the instructions provided with the tire chains.
- If wheel ornaments are used, they will be scratched by the chain band, so remove the ornaments before putting on the chains. (→P. 321)

CAUTION

Driving with snow tires

Observe the following precautions to reduce the risk of accidents.
Failure to do so may result in a loss of vehicle control and cause death or serious injury.

- Use tires of the specified size.
- Maintain the recommended level of air pressure.
- Do not drive at speeds in excess of the speed limit or the speed limit specified for the snow tires being used.
- Use snow tires on all, not just some wheels.
- Do not use tires of noticeably different wear level.

CAUTION

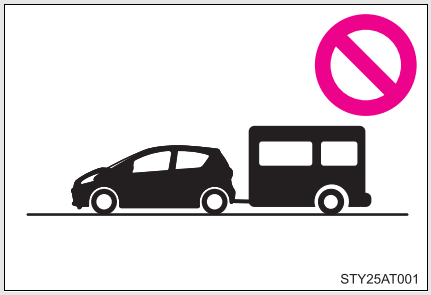
Driving with tire chains

Observe the following precautions to reduce the risk of accidents.
Failure to do so may result in the vehicle being unable to be driven safely, and may cause death or serious injury.

- Do not drive in excess of the speed limit specified for the tire chains being used, or 50 km/h (30 mph), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.

Trailer towing

Toyota does not recommend towing a trailer with your vehicle. Toyota also does not recommend the installation of a tow hitch or the use of a tow hitch carrier for a wheelchair, scooter, bicycle, etc. Your vehicle is not designed for trailer towing or for the use of tow hitch mounted carriers.



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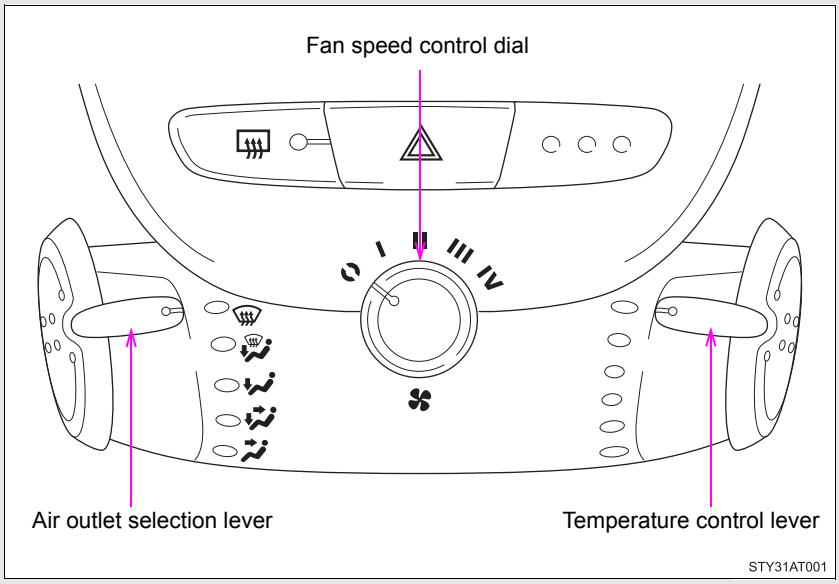
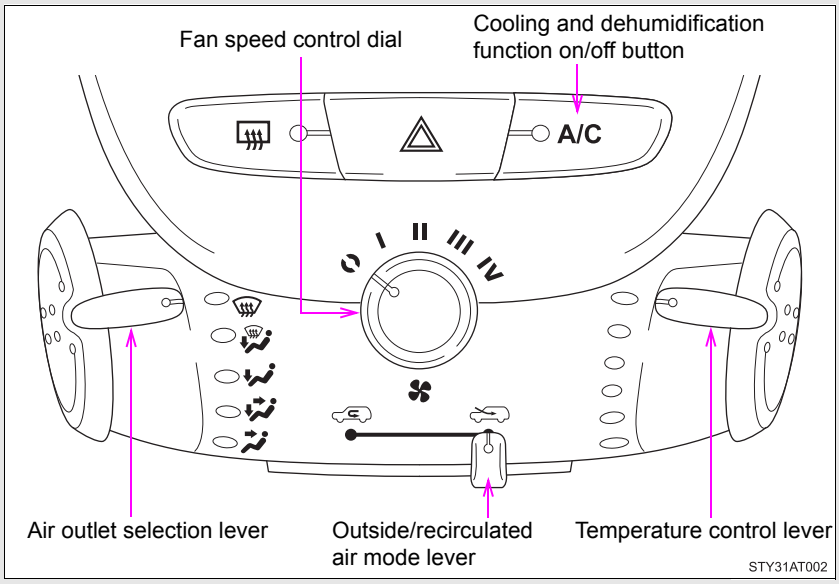
Vehicles without a cooling and dehumidification function on/off button



Vehicles with a cooling and dehumidification function on/off button



Adjusting the settings

STEP 1 To adjust the fan speed, turn the fan speed control dial clockwise (increase) or counterclockwise (decrease).

Turning the dial to turns off the fan.

STEP 2 Vehicles without a cooling and dehumidification function on/off button:

Turn the temperature control lever up to increase the temperature.

Vehicles with a cooling and dehumidification function on/off button:

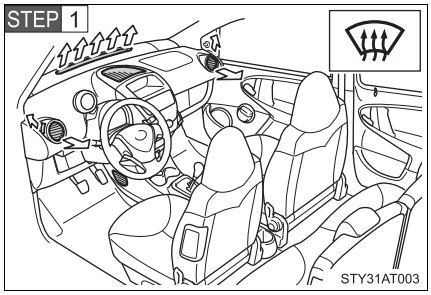
To adjust the temperature setting, turn the temperature control lever up (warm) or down (cool).

If A/C is not pressed, the system will blow ambient temperature air or heated air.

STEP 3 To select the air outlets, set the air outlet selection lever to the desired position.

The positions between the air outlet selections shown below can also be selected for more delicate adjustment.

Defogging the windshield



Set the air outlet selector lever to position.

Vehicles with an outside/recirculated air mode lever: Set the outside/recirculated air mode lever to outside mode if recirculated air mode is used.

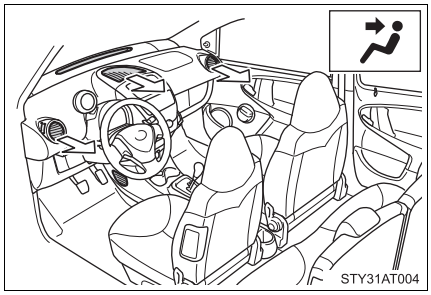
STEP 2 Perform the following operations accordingly:

- To adjust the fan speed, turn the fan speed control dial.
- To adjust the temperature setting, turn the temperature control lever.
- If the dehumidification function is not operating, press

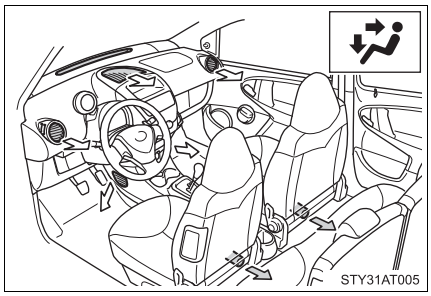
to operate the dehumidification function.

To defog the windshield and the side windows early, turn the air flow and temperature up.

Air outlets and air flow

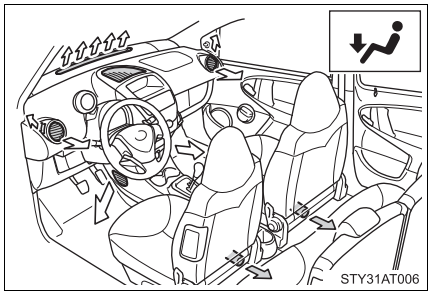


Air flows to the upper body.



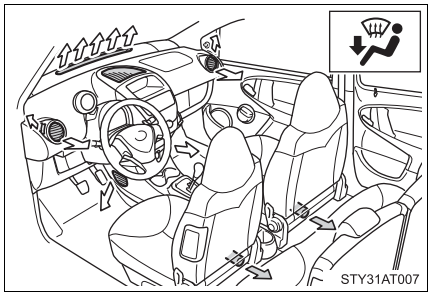
Air flows to the upper body and feet.

⇦ : Some models



Air flows mainly to the feet.

: Some models



Air flows to the feet and the windshield defogger operates.

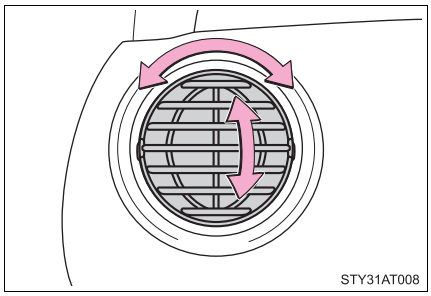
Vehicles with an outside/recirculated air mode lever: Use the outside/recirculated air mode lever at (outside air mode).

: Some models

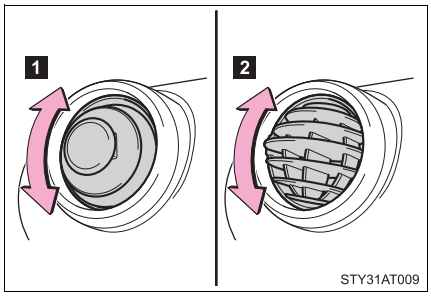
Switching between outside air and recirculated air modes (vehicles with an outside/recirculated air mode lever)

Turn the outside/recirculated air mode lever to (outside air mode) or (recirculated air mode).

Adjusting the position of and opening and closing the air outlets



Direct air flow to the left or right, up or down.



1 Open the vent.

2 Close the vent.

Fogging up of the windows (vehicles with a cooling and dehumidification function on/off button)

- The windows will easily fog up when the humidity in the vehicle is high.

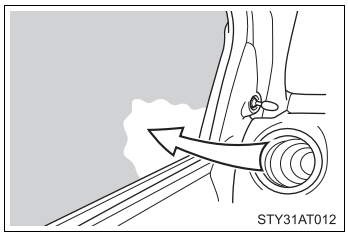
  Turning

on will dehumidify the air from the outlets and defog the windshield effectively.

- If you turn

off, the windows may fog up more easily.
- The windows may fog up if the recirculated air mode is used.

■ **Fogging up of the front side door windows**



The front side door windows can be quickly defogged by turning the side vents to the windows.

■ **Outside/recirculated air mode (vehicles with an outside/recirculated air mode lever)**

When driving on dusty roads such as tunnels or in heavy traffic, set the outside/recirculated air mode lever to the recirculated air mode. This is effective in preventing outside air from entering the vehicle interior. During cooling operation, setting the recirculated air mode will also cool the vehicle interior effectively.

■ **When the indicator light on**

goes off by itself (vehicles with a cooling and dehumidification function on/off button)

Press

to turn off the dehumidification function and turn it on again. There may be a problem in the air conditioning system if the indicator light goes off again. Turn the air conditioning system off and have it inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **When the outside temperature falls to nearly 0°C (32°F) (vehicles with a cooling and dehumidification function on/off button)**

The dehumidification function may not operate even when

is pressed.

■ **Air conditioning odors**

- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.
- To reduce potential odors from occurring:
  It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.

■ **Air conditioning filter (vehicles with a cooling and dehumidification function on/off button)**

→P. 279

CAUTION

■ **To prevent the windshield from fogging up**

Do not use during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

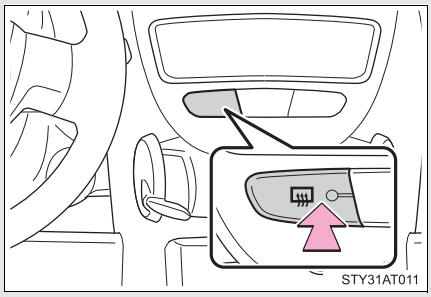
NOTICE

■ **To prevent battery discharge**

Do not leave the air conditioning system on longer than necessary when the engine is stopped.

Rear window defogger

Defoggers are used to defog the rear window.



Turns the defogger on/off

■ **The defogger can be operated when**

The engine switch is in the “ON” position.

⚠ NOTICE

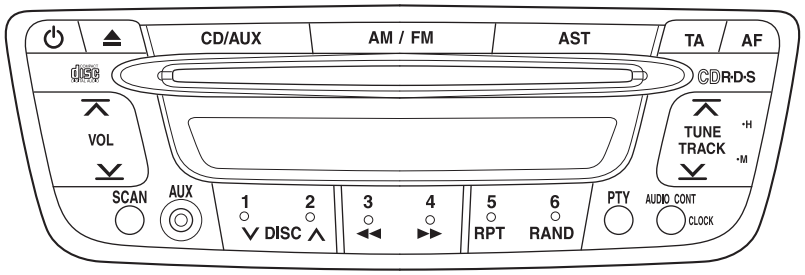
■ **To prevent battery discharge**

Do not leave the rear window defogger on longer than necessary when the engine is stopped.

Audio system types*

Type A

CD player with external CD changer controller and AM/FM radio



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Type B

CD player and AM/FM radio with Bluetooth®

→P. 194

■ **Using cellular phones**

Interference may be heard through the audio system's speakers if a cellular phone is being used inside or close to the vehicle while the audio system is operating.

*: If equipped

NOTICE

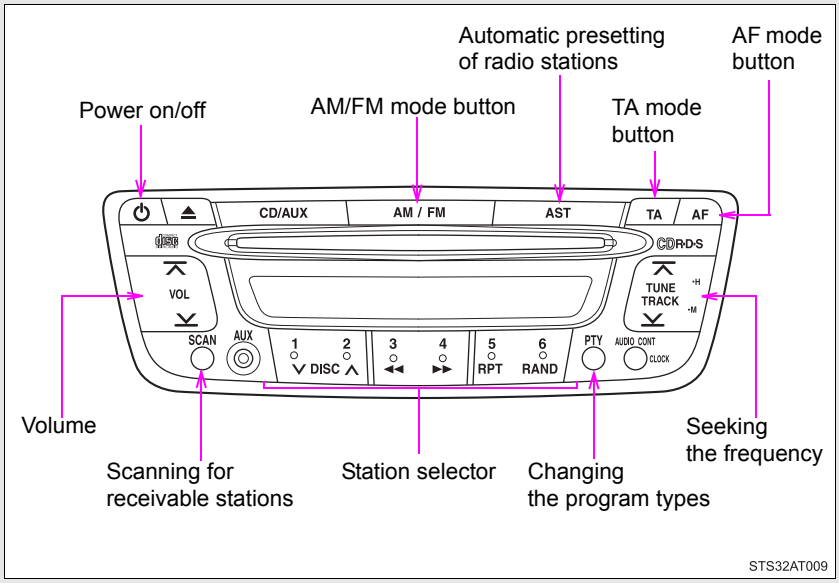
■ **To prevent battery discharge**

Do not leave the audio system on longer than necessary when the engine is stopped.

■ **To avoid damaging the audio system**

Take care not to spill drinks or other fluids over the audio system.

Using the radio*



Setting station presets

■ Manually operation

STEP 1 Search for desired stations by pressing "∧" or "∨" on .

STEP 2 Press and hold the button (from "1" to "6") the station is to be set to until you hear a beep.

■ Automatically operation

Press and hold the "AST" button until you hear a beep.

Up to 6 stations are set in order of reception quality. When the setting is complete, 2 beeps will be heard.

In the FM1 or FM2 mode, the stations automatically set by the audio system will be set in the FM3 presets.

*: If equipped

Scanning radio stations

■ Scanning the preset radio stations

STEP 1 Press and hold the “SCAN” button until you hear a beep.

Preset stations will be played for 5 seconds each.

STEP 2 When the desired station is reached, press the button again.

■ Scanning all the radio stations within range

STEP 1 Press the “SCAN” button.

All the stations with reception will be played for 5 seconds each.

STEP 2 When the desired station is reached, press the button again.

RDS (Radio Data System)

This feature allows your radio to receive station and program information (classical, news, etc.) from radio stations which broadcast this information.

■ Listening to stations of the same network

Press the “AF” button.

AF-ON, REG-OFF modes:	A station among those of the same network with strong reception is selected.
AF-ON, REG-ON modes:	A station among those of the same network with strong reception and broadcasting the same program is selected.

Each time the “AF” button is pressed, the mode changes in the following order: AF-ON, REG-OFF → AF-ON, REG-ON → AF-OFF, REG-OFF.

Selecting program type

Press the “PTY” button.

Each time the “PTY” button is pressed, the program type changes in the following order: “NEWS” → “SPORTS” → “TALK” → “POP” → “CLASSICS”.

Traffic information

Press the “TA” button.

TP mode: The system automatically switches to traffic information when a broadcast with a traffic information signal is received.

The station returns to the previous one when the traffic information ends.

TA mode: Traffic information can be heard only when a signal is received. The system switches to the mute mode when a signal is not received. In CD mode, the system automatically switches to traffic information when a signal is received.

The audio system returns to the mute, CD mode when the traffic information ends.

Audio system mode changes as follows each time the “TA” button is pressed:

FM modes: “TP” → “TA” → off
Modes other than the radio modes: “TA” → off

Emergency broadcast reception mode

“ALARM” appears in the display in the event that an emergency broadcast is received, and the emergency broadcast is aired.

■ **EON (Enhanced Other Network) system (for traffic announcement function)**

If the RDS station (with EON data) you are listening to is not broadcasting a traffic information program and the audio system is in the TA (traffic announcement) mode, the radio will be switched automatically to a station broadcasting a traffic information program in the EON AF list when traffic information begins.

■ **When the battery is disconnected**

Stations presets are erased.

■ **Reception sensitivity**

- Maintaining perfect radio reception at all times is difficult due to the continually changing position of the antenna, differences in signal strength and surrounding objects, such as trains, transmitters, etc.
- When the “AST” button is used, automatic station selection and automatic registering of the stations may not be possible.
- The radio antenna is mounted on the roof. The antenna can be removed from the base by turning it.

■ **Digital Audio Broadcast (DAB) radio**

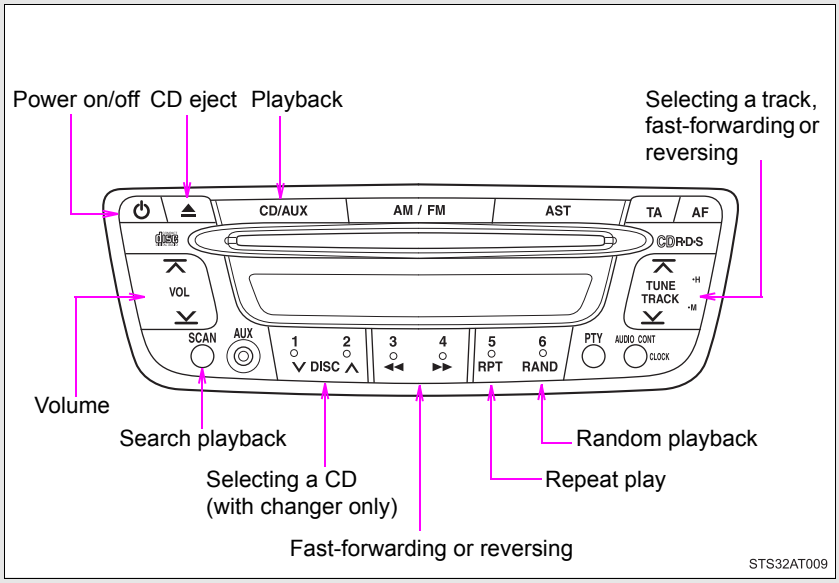
The optional radio antenna and tuner are necessary for the use of Digital Audio Broadcast (DAB) radio.

⚠ NOTICE

■ **To prevent damage, remove the antenna in the following cases**

- The antenna will touch the ceiling of a garage.
- A cover will be put on the roof.

Using the CD player*



Loading CD

Insert a CD.

Ejecting CD

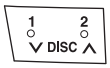
Press ⏏ and remove the CD.

Selecting a tracks

Press "∧" to move up or "∨" to move down using TUNE TRACK until the desired track number is displayed.

*: If equipped

Selecting a CDs (CD player with changer only)

To select the desired CD, press “∨” or “∧” on 

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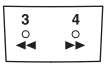
Fast-forwarding and reversing tracks

To fast-forward or reverse, press and hold “◄◄” or “►►” on 

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Scanning a track

STEP 1 Press the “SCAN” button.

The first 10 seconds of each track will be played.

STEP 2 Press the button again when the desired track is reached.

Scanning a CDs (CD player with changer only)

STEP 1 Press and hold the “SCAN” button.

The first 10 seconds of the first track on each CD will be played.

STEP 2 Press the button again when the desired CD is reached.

Random playback

■ Current CD

Press “RAND” on 5 RPT 6 RAND .

To cancel, press the button again.

■ All CDs (CD player with changer only)

Press and hold “RAND” on 5 RPT 6 RAND until you hear a beep.

To cancel, press the button again.

Repeat play

■ To repeat a track

Press “RPT” on 5 RPT 6 RAND .

To cancel, press the button again.

■ To repeat all of the tracks on a CD (CD player with changer only)

Press and hold “RPT” on 5 RPT 6 RAND until you hear a beep.

To cancel, press the button again.

■ **Error messages**

“WAIT”: It indicates that the inside of the player unit may be too hot due to the very high ambient temperature. Remove the disc or magazine from the player and allow the player to cool down.

“Err 1”: It indicates the disc is dirty, damaged, or it was inserted up-side down. Clean the disc or insert it correctly.

“Err 2”: It indicates no disc is loaded inside the magazine, insert a disc.

“Err 3”: It indicates there is a trouble inside the system. Eject the disc or magazine. Set the disc or magazine again.

“Err 4”: It indicates the over-current. Ask any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, to inspect.

“OPEn”: It indicates the compact disc changer lid is open. Close the compact disc changer lid.

■ **Discs that can be used**

Discs with the marks shown below can be used.
Playback may not be possible depending on recording format or disc features, or due to scratches, dirt or deterioration.

CDs with copy-protect features may not be used.

■ **CD player protection feature**

To protect the internal components, playback is automatically stopped when a problem is detected while the CD player is being used.

■ **If a CD is left inside the CD player or in the ejected position for extended periods**

The CD may be damaged and may not play properly.

■ **Lens cleaners**

Do not use lens cleaners. Doing so may damage the CD player.

CAUTION

Certification for the CD player

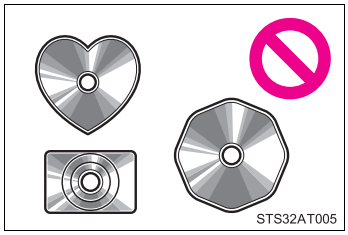
This product is a class I laser product.

- A laser beam leak may result in hazardous radiation exposure.
- Do not open the cover of the player or attempt to repair the unit yourself. Refer servicing to qualified personnel.
- Laser power: No hazardous

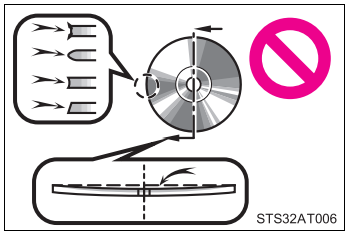
NOTICE

CDs and adapters that cannot be used

Do not use the following types of CDs or 8 cm (3 in.) CD adapters or Dual Disc.
Doing so may damage the CD player and/or the CD insert/eject function.

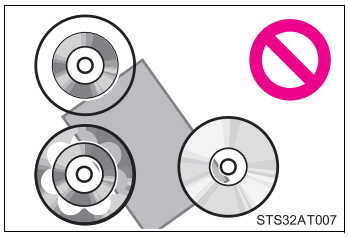


- CDs that have a diameter that is not 12 cm (4.7 in.)

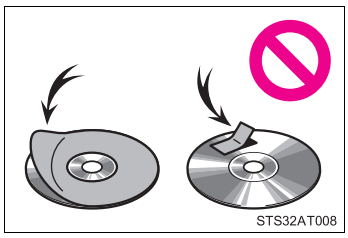


- Low-quality and deformed CDs

NOTICE



- CDs with a transparent or translucent recording area



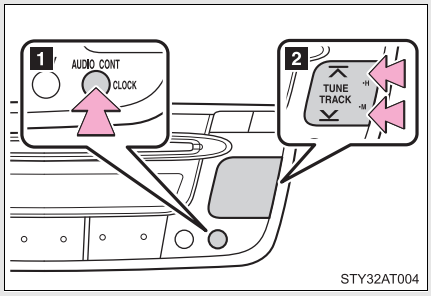
- CDs that have had tape, stickers or CD-R labels attached to them, or that have had the label peeled off

CD player precautions

Failure to follow the precautions below may result in serious damage to the CDs or the player itself.

- Do not insert anything other than CDs into the CD slot.
- Do not apply oil to the CD player.
- Store CDs away from direct sunlight.
- Never try to disassemble any part of the CD player.

Optimal use of the audio system*



1 Displays the current mode

2 Changes the sound quality and volume balance setting

The sound quality and balance setting can be changed to produce the best sound.

Using the audio control function

Changing sound quality modes

Pressing the “AUDIO CONT” button selects the mode to be changed in the following order.

“BAS”→“TRE”→“FAD”→“BAL”

*: If equipped

Adjusting sound quality

Press “∧” or “∨” on

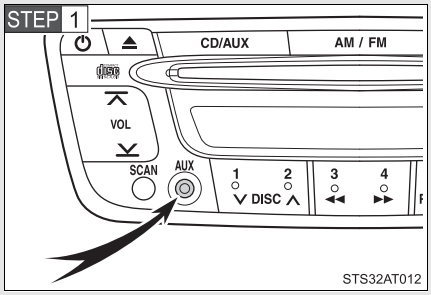
adjusts the level.

Sound quality mode	Mode displayed	Level	Press “∨”	Press “∧”
Bass*	“BAS”	-5 to 5	Low	High
Treble*	“TRE”	-5 to 5		
Front/rear volume balance	“FAD”	F7 to R7	Shifts to rear	Shifts to front
Left/right volume balance	“BAL”	L7 to R7	Shifts to left	Shifts to right

*: The sound quality level is adjusted individually in each audio mode.

Using the AUX port*

This port can be used to connect a portable audio device and listen to it through the vehicle's speakers.



Connect the portable audio device.

STEP 2 Press the "CD/AUX" button.

■ **Operating portable audio devices connected to the audio system**

The volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.

■ **When using a portable audio device connected to the power outlet**

Noise may occur during playback. Use the power source of the portable audio device.

*: If equipped

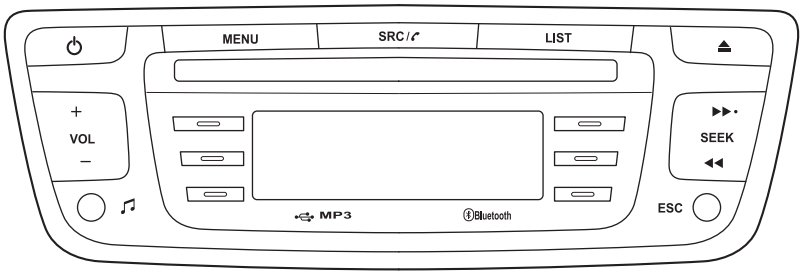
Audio system types*

Type A

CD player with external CD changer controller and AM/FM radio →P. 179

Type B

CD player and AM/FM radio with Bluetooth®



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*: If equipped

Using cellular phones

Interference may be heard through the audio system's speakers if a cellular phone is being used inside or close to the vehicle while the audio system is operating.

NOTICE

To prevent battery discharge

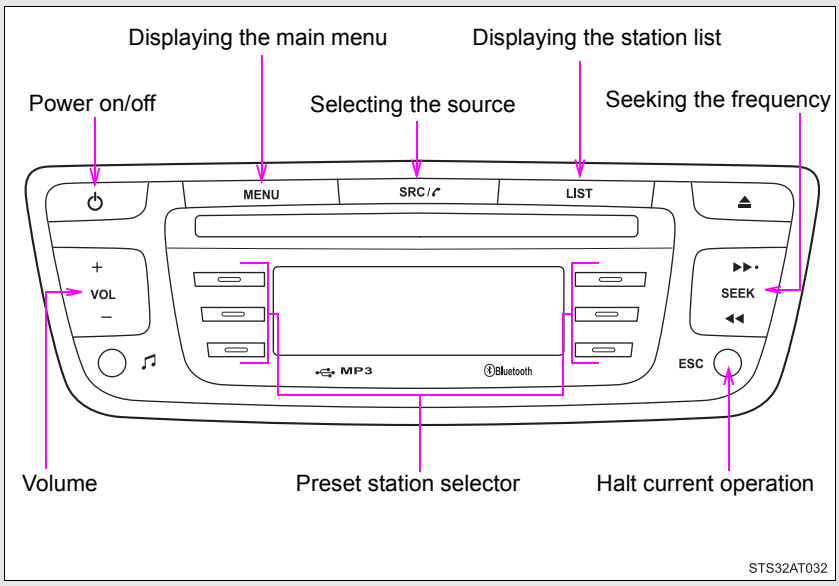
Do not leave the audio system on longer than necessary when the engine is stopped.

To avoid damaging the audio system

Take care not to spill drinks or other fluids over the audio system.

Using the radio*

Press the "SRC/" button repeatedly until AM or FM mode is displayed.



Presetting a station

STEP 1 Tune in the desired station.

STEP 2 Press and hold one of ▭ to preset to the current station.

The name of the station is displayed accompanied by an audible signal to confirm the preset.
Press the button to listen to the corresponding preset station.

*: If equipped

Using the station list

■ Updating the station list

Press and hold the “LIST” button to builds or updates the list of stations.

Available stations will be listed on the display.

■ Selecting a station from the station list

STEP 1 Press the “LIST” button to display the list of stations received in alphabetical order.

STEP 2 Press ▭ (∧ or ∨) to select the desired radio station and then press ▭ (OK).

Pressing “◀◀” or “▶▶” on the “SEEK” button changes to the next or previous letter (e.g. A, B, D, F, G, J, K, ...).

Selecting a play mode

STEP 1 Press the “MENU” button.

STEP 2 Press (Radio).

STEP 3 Press one of to select.

“TA”: The TA (Traffic Announcement) function gives priority to TA alert messages. To operate, this function needs good reception of a radio station transmitting this type of message. When a traffic report is transmitted, the current audio source (Radio, CD, USB, etc.) is interrupted automatically to play the TA message. Normal playback of the audio source resumes at the end of the transmission of the message.

“RDS”: RDS, if displayed, enables you to continue listening to the same station by automatically retuning to alternative frequencies. However, in certain conditions, coverage of an RDS station may not be assured throughout the country as radio stations do not cover 100% of the territory. This explains the loss of reception of the station during a journey.

“TXT”: Radio text is information transmitted by the radio station related to the current program or song.

“Write freq.”: Enter a frequency manually.
Press (+ or -) to select the desired frequency.

STEP 4 Press (OK) to save the setting.

■ **Reception sensitivity**

- The exterior environment (hills, buildings, tunnel, car park, below ground...) may prevent reception, even in RDS station tracking mode.This phenomenon is normal in the propagation of radio waves and is in no way indicative of a fault with the audio system.
- The radio antenna is mounted on the roof. The antenna can be removed from the base by turning it.

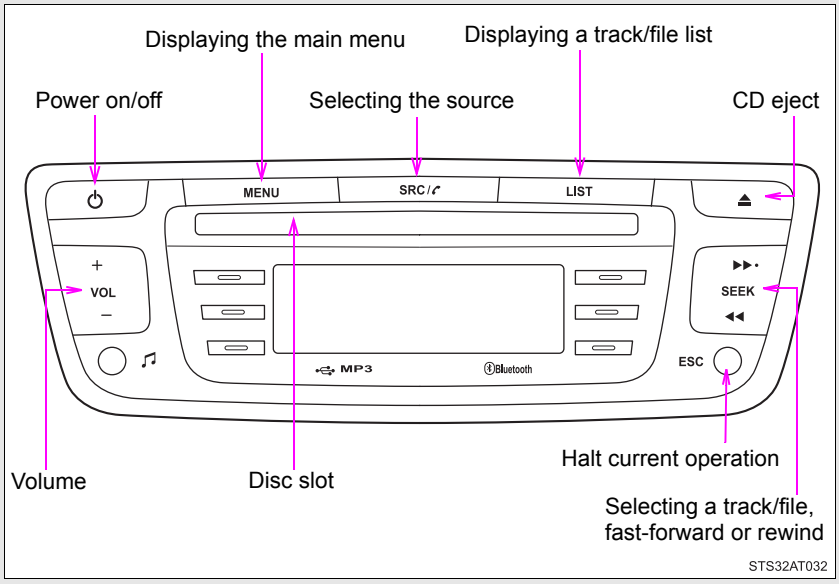
NOTICE

■ **To prevent damage, remove the antenna in the following cases.**

- The antenna will touch the ceiling of a garage.
- A cover will be put on the roof.

Using the CD player*

Insert a CD or press the "SRC/" button repeatedly until CD mode is displayed.



Loading CDs

Insert a CD into the disc slot.

Ejecting CDs

Press and remove the CD.

Selecting a track/file

Press "◀◀" or "▶▶" on the "SEEK" button to select the next or previous track/file.

*: If equipped

Fast-forwarding and rewinding tracks/files

Press and hold "◀◀" or "▶▶" on the "SEEK" button.

Selecting a track/file from a list

STEP 1 Press the "LIST" button.

STEP 2 Press ▭ (∧ or ∨) to select the item in the list, then press ▭ (OK). Continue to select the item until desired track/file is displayed.

Press "◀◀" or "▶▶" on the "SEEK" button to jump a page.

Return to the top level of the folder structure to select the type of tracks/files.

By folders: All folders containing audio files, recognized on the peripheral device, are in alphabetical order without following the folder structure.

By playlist: If playlists have been saved.

Selecting a type of track/file

Audio CD

Press ▭ (|◀◀ or ▶▶|) to select the next or previous track.

MP3/WMA disc

By folders: Press ▭ (📂▲ or 📂▼) to select the next or previous folder.

By playlist: Press ▭ (📄▲ or 📄▼) to select the next or previous playlist.

Selecting a play mode

STEP 1 Press the “MENU” button.

STEP 2 Press (Media).

STEP 3 Press one of to select.

“Normal”:	Normal play order
“Random”:	Random play on the CD (Audio CD) Random play on the folder/playlist (MP3/WMA disc)
“Random all”:	Random play in all the tracks/files (MP3/WMA disc)
“Repeat”:	Repeat play for the folder/playlist (MP3/WMA disc)
“TA”:	When a traffic report is transmitted, the current audio source is interrupted automatically to play the TA message. Normal playback of the audio source resumes at the end of the transmission of the message.

STEP 4 Press (OK) to save the setting.

■ **Discs that can be used**

Discs with the marks shown below can be used.
Playback may not be possible depending on recording format or disc features, or due to scratches, dirt or deterioration.

Audio CD

MP3/WMA disc

CDs with copy-protect features may not be used.

■ **MP3 and WMA files**

MP3 (MPEG Audio LAYER3) is a standard audio compression format.

Files can be compressed to approximately 1/10 of their original size by using MP3 compression.

WMA (Windows Media Audio) is a Microsoft audio compression format.

This format compresses audio data to a size smaller than that of the MP3 format.

- MP3 file compatibility

  A high compression rate can adversely affect sound quality.

  The CD player can read up to 255 MP3 files spread over 8 folder levels with a maximum of 192 folders. However, it is recommended that this be kept to 2 levels so as to limit the time taken to access and play the CD.

  While playing, the folder structure is not observed.

- Playlists

  The types of playlists that are accepted: “.m3u” and “.wpl”.

  The number of files recognized is limited to 5000 in 500 folders on a maximum of 8 levels.

- Compatible disc formats

  In order to be able to play a recorded CD-R or CD-RW, when recording it is preferable to select standards ISO 9660 level 1.2 or Joliet.

  If the disc is recorded in another format, it may not be played correctly.

  It is recommended that the same recording standard is always used for an individual disc, with as low a speed as possible (4x maximum) for optimum sound quality.

  In the particular case of a multi-session CD, the Joliet standard is recommended.

CAUTION

Certification for the CD player

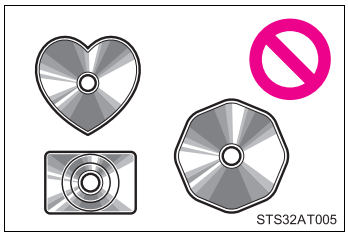
This product is a class I laser product.

- A laser beam leak may result in hazardous radiation exposure.
- Do not open the cover of the player or attempt to repair the unit yourself. Refer servicing to qualified personnel.
- Laser power: No hazardous

NOTICE

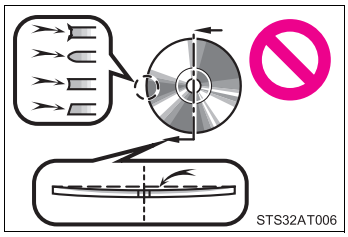
CDs and adapters that cannot be used

Do not use the following types of CDs or 8 cm (3 in.) CD adapters or Dual Disc.
Doing so may damage the CD player and/or the CD insert/eject function.

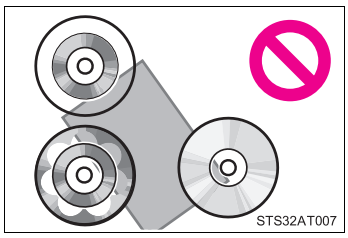


- CDs that have a diameter that is not 12 cm (4.7 in.)

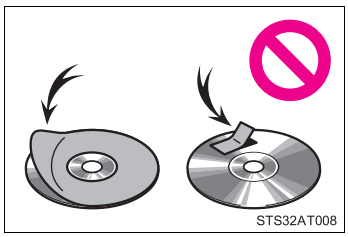
NOTICE



- Low-quality and deformed CDs



- CDs with a transparent or translucent recording area



- CDs that have had tape, stickers or CD-R labels attached to them, or that have had the label peeled off

CD player precautions

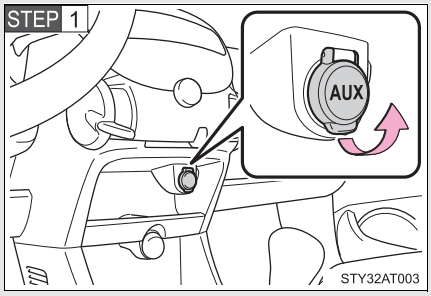
Failure to follow the precautions below may result in serious damage to the CDs or the player itself.

- Do not insert anything other than CDs into the CD slot.
- Do not apply oil to the CD player.
- Store CDs away from direct sunlight.
- Never try to disassemble any part of the CD player.

Operating a USB memory/iPod*

Connecting a USB memory/iPod enables you to enjoy music from the vehicle speakers.

■ Connecting a USB memory/iPod

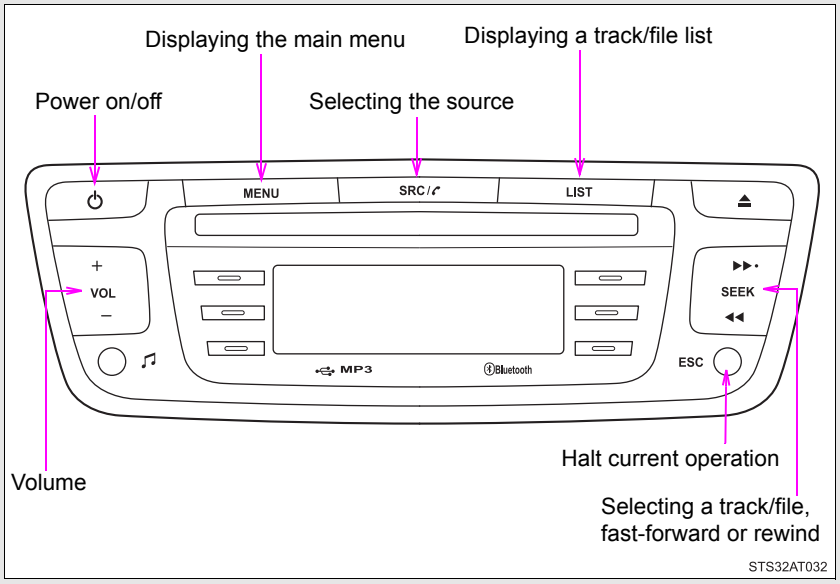


Open the cover and connect a USB memory/iPod.

Turn on the power of the iPod if it is not turned on.

STEP 2 Press the “SRC/” button repeatedly until USB/iPod mode is displayed.

■ Control panel



*: If equipped

Selecting a track/file

Press "◀◀" or "▶▶" on the "SEEK" button to select the next or previous track/file.

Fast-forwarding and rewinding tracks/files

Press and hold "◀◀" or "▶▶" on the "SEEK" button.

Selecting a track/file from a list

STEP 1 Press the "LIST" button.

STEP 2 Press ▭ (∧ or ∨) to select the item in the list, then press ▭ (OK). Continue to select the item until desired track/file is displayed.

Press "◀◀" or "▶▶" on the "SEEK" button to jump a page.

Return to the top level of the folder structure to select the type of tracks/files.

By folders:	All folders containing audio files, recognized on the peripheral device, are in alphabetical order without following the folder structure.
By playlist:	If playlists have been saved.
By artist:	All of the artist names, defined in the ID3 Tags, are in alphabetical order.
By genre:	All of the genres defined in the ID3 Tags.

Selecting a type of track/file

By folders: Press ▭ (▲ or ▼) to select the next or previous folder.

By playlist: Press ▭ (▲ or ▼) to select the next or previous playlist.

By artist: Press ▭ (▲ or ▼) to select the next or previous artist.

By genre: Press ▭ (▲ or ▼) to select the next or previous genre.

Selecting a play mode

STEP 1 Press the “MENU” button.

STEP 2 Press ▭ (Media).

STEP 3 Press one of ▭ to select.

“Normal”:	Normal play order
“Random”:	Random play on the folder/playlist/artist/genre
“Random all”:	Random play in all the tracks/files
“Repeat”:	Repeat play for the folder/playlist/artist/genre
“TA”:	When a traffic report is transmitted, the current audio source is interrupted automatically to play the TA message. Normal playback of the audio source resumes at the end of the transmission of the message.

STEP 4 Press ▭ (OK) to save the setting.

■ **USB memory functions**

- Depending on the USB memory that is connected to the system, the device itself may not be operable and certain functions may not be available. If the device is inoperable or a function is unavailable due to a malfunction (as opposed to a system specification), disconnecting the device and reconnecting it once again may resolve the problem.
- If the USB memory still does not begin operation after being disconnected and reconnected, format the memory.
- The system creates playlists (temporary memory), the creation time for which this can take, can be from a few seconds to several minutes. The playlists are updated every time the ignition is switched off or a USB memory stick is connected. Play starts automatically after a period, which depends on the capacity of the USB memory stick.
- At a first connection, the order suggested is by folder. When connecting again, the order previously chosen is retained.

■ **USB memory**

- Compatible devices

  The audio system will only play files with “.mp3”, “.wma”, “.wav” and “.ogg” extension.

  A high compression rate can adversely affect sound quality.
- Playlists

  The types of playlists that are accepted: “.m3u” and “.wpl”.

  The number of files recognized is limited to 5000 in 500 folders on a maximum of 8 levels.

■ **About iPod**

- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
- iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

iPod functions

- When an iPod is connected and the audio source is changed to iPod mode, the iPod will resume play from the same point in which it was last used.
- Depending on the iPod that is connected to the system, certain functions may not be available. If a function is unavailable due to a malfunction (as opposed to a system specification), disconnecting the device and reconnecting it once again may resolve the problem.
- While connected to the system, the iPod cannot be operated with its own controls. It is necessary to use the controls of the vehicle's audio system instead.
- The playlists are those defined in the iPod.

iPod problems

- To resolve most problems encountered when using your iPod, disconnect your iPod from the vehicle iPod connection and reset it. For instructions on how to reset your iPod, refer to your iPod Owner's Manual.
- The iPod must be updated regularly for the best connection.

Compatible models

The iPod must be generation 3 or later.

CAUTION

Caution while driving

Do not connect USB memory/iPod or operate the controls.

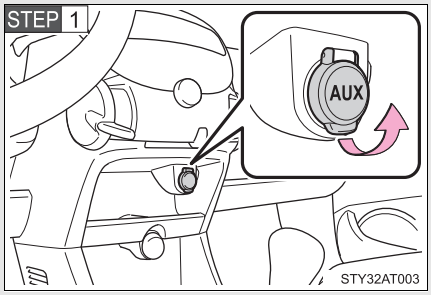
NOTICE

To prevent damage

- Do not leave USB memory/iPod in the vehicle. The temperature inside the vehicle may become high, resulting in damage to the player.
- Do not push down on or apply unnecessary pressure to the USB memory/iPod while it is connected as this may damage the USB memory/iPod or its terminal.
- Do not insert foreign objects into the port as this may damage the USB memory/iPod or its terminal.
- Do not connect a hard disk or USB device other than audio players to the USB port. This may cause damage to your installation.

Using the AUX port*

This port can be used to connect a portable audio device and listen to it through the vehicle's speakers.



Open the cover and connect a portable audio device.

STEP 2 Press the "SRC/" button repeatedly until AUX mode is displayed.

■ **Operating portable audio devices connected to the audio system**

The volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.

*: If equipped

Using the Bluetooth® audio streaming*

Bluetooth® audio streaming allows music files on a telephone to be heard via the vehicle's speakers.
Press the "SRC/" button repeatedly until Bluetooth® audio mode is displayed.
The telephone must support the appropriate Bluetooth® profiles (A2DP/AVRCP).

■ Pairing a telephone/ first connection

→P. 215

■ Bluetooth® audio streaming functions

- The Bluetooth® audio streaming function is depending on the compatibility of the telephone.
- In certain cases, playing of the audio files must be initiated from the telephone.
- The audio quality depends on the quality of the transmission from the telephone.

CAUTION

■ Caution while driving

Do not connect Bluetooth® audio streaming or operate the controls.

NOTICE

■ To prevent damage

Do not leave the telephone in the vehicle. The temperature inside the vehicle may become high, resulting in damage to the telephone.

*: If equipped

Using the telephone*

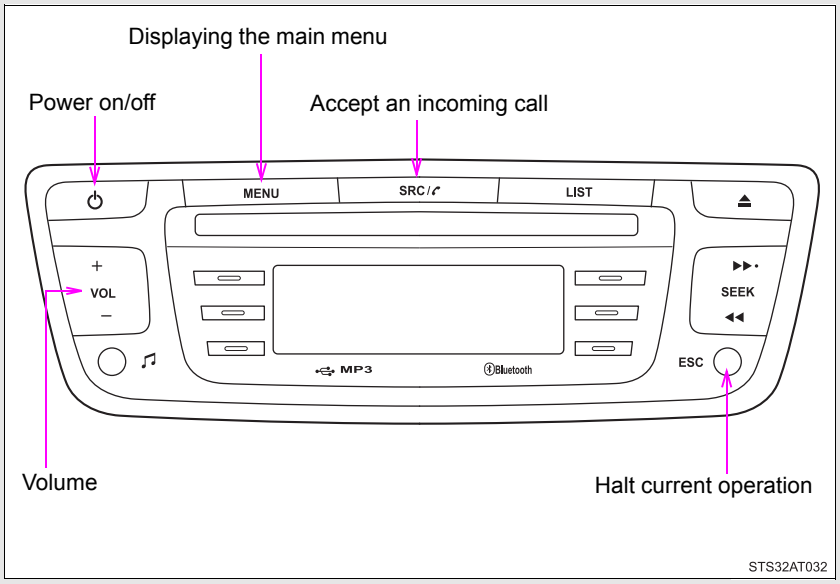
■ **Bluetooth® audio streaming**

→P. 213

■ **Bluetooth® hands-free phone system**

The hands-free system is a function that allows you to use your telephone without touching it.

This system supports Bluetooth®. Bluetooth® is a wireless data system that allows the telephone to wirelessly connect to the hands-free system and make/receive calls.



*: If equipped

Pairing a telephone/first connection

STEP 1 Activate the telephone's Bluetooth® function and ensure that it is set as visible to all (refer to the telephone instructions).

STEP 2 Press the "MENU" button.

STEP 3 Press (Bluetooth).

STEP 4 Press (Search).

A window is displayed with "Searching device".

STEP 5 Select the telephone to be paired from the list and press (OK).

Only one telephone can be paired at a time.

In some cases, the Bluetooth® address of the telephone may appear instead of the name of the telephone.

STEP 6 A virtual keypad is displayed on the screen: choose a 4 digit code then press (OK).

STEP 7 A message is displayed on the screen of the telephone: enter the same code and confirm.

If pairing fails, try again; the number of attempts is unlimited.

STEP 8 Accept the connection to the telephone.

STEP 9 A message appears in the screen to confirm the result of the connection.

Pairing can also be initiated from the telephone by searching for detected Bluetooth® devices.

The directory and the call list can be accessed after the synchronization period (if the telephone is compatible).

Automatic connection must be configured in the telephone to allow a connection each time the vehicle is started.

Managing connections

STEP 1 Press the “MENU” button.

STEP 2 Press ▭ (Bluetooth).

STEP 3 Press ▭ (BT management) and confirm. The list of paired telephones is displayed.

♫ : Indicates connection of the audio profile.

: Indicates connection of the hands-free profile.

STEP 4 Press ▭ (∧ or ∨) to select a telephone and press ▭ (OK).

STEP 5 Select one of ▭ to select.

“Tel.”: Hands-free connection

“Audio”: Play audio files

“Delete”: Delete the pairing.

Making a call – recently called numbers*

STEP 1 Press and hold the “SRC/☎” button to display the call list.

For access to the calls list, it is also possible in the following way: “MENU”→“Telephone”→“Call”→“Calls list”

STEP 2 Press ▭ (∧ or ∨) to select “Missed calls”, “Dialed calls” or “Answered calls”.

STEP 3 Press ▭ (∧ or ∨) to select the desired number.

Press “◄◄” or “►►” on the “SEEK” button to select the next or previous page in the call list.

STEP 4 Press ▭ (OK) to start the call.

The call list includes the calls sent from and received by the vehicle via the connected telephone. It is possible to make a call directly from the telephone; however stop the vehicle in a safe area as a safety measure.

*: Depending on the compatibility of the telephone

Making a call – from the directory*

STEP 1 Press the “MENU” button.

STEP 2 Press ▭ (Telephone).

STEP 3 Press ▭ (Call).

STEP 4 Press ▭ (Directory) to display the directory list.

STEP 5 Press ▭ (∧ or ∨) to select the desired number.

Press “◀◀” or “▶▶” on the “SEEK” button to select the next or previous page in the directory list.

STEP 6 Press ▭ (OK) to start the call.

*: Depending on the compatibility of the telephone

Receiving a call

STEP 1 An incoming call is announced by a ring and a display on the screen.

STEP 2 Press ▭ (YES) to accept the call, or ▭ (NO) to reject the call.

Press the “SRC/📞” button also accepts an incoming call.

Press and hold the “ESC” button or the “SRC/📞” button also rejects an incoming call.

Managing calls

Hang up

In the contextual menu:
Press ▭ (📞) to end the call.

Press and hold the “SRC/📞” button also ends the call.

Secret – mute (so that the caller cannot hear)

In the contextual menu:
Press ▭ (🎤) to switch off the microphone.

Press ▭ (🎤) to switch on the microphone.

Combined mode (to leave the vehicle without ending the call)

In the contextual menu:
Press ▭ (📞) to transfer the call to the telephone.

Press ▭ (📞) to transfer the call to the vehicle.

In certain cases, the combined mode has to activated from the telephone.

The Bluetooth® connection will be restored automatically if the ignition has been switched off, then on again (depending on the compatibility of the telephone).

■ **Pairing a telephone**

- The services offered depend on the network, the SIM card and the compatibility of the Bluetooth® telephone used. Consult your telephone's manual and your operator to find out which services are available to you.
- For safety reasons and because they require prolonged attention on the part of the driver, the operations for pairing of the Bluetooth® mobile telephone with the Bluetooth® hands-free system of your audio system must be carried out with the vehicle stationary and the ignition on.
- Visit www.toyota-europe.com for more information (compatibility, more help, ...).
- It is not possible to pair more that 5 telephones. If 5 telephones are already paired, a registered telephone needs to be deleted. (→P. 216)
- Pairing can also be initiated from the telephone by searching for detected Bluetooth® devices.
- The directory and the calls list can be accessed after the synchronization period (if the telephone is compatible). Automatic connection must be configured in the telephone to allow the connection each time the vehicle is started.
- The telephone connection automatically includes hands-free operation and audio streaming.

■ **About Bluetooth®**

Bluetooth is a registered trademark of Bluetooth SIG, Inc.

Certification

Pioneer

CE

EC Declaration of Conformity

Manufacturer: Pioneer Corporation
1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi,
Kanagawa 212-0031, JAPAN

EU Representative: Pioneer Europe NV
Haven 1087, Keetberglaan 1
9120 MELSELE, BELGIUM

The EU Directives covered by this Declaration

1999/5/EC Radio & Telecommunication Terminal Equipment Directive

The product covered by this declaration

CD Receiver

model **DEH-2028ZC**

The basis on which conformity is being declared

The product identified above complies with the requirements of the above specified Directive by meeting following standards:
EN300328 V1.7.1, EN301489-1 V1.8.1, EN301489-17 V2.1.1,
ISO7637-2:2004, EN62479 : 2010
and EN60065:2002 + A1 : 2006 + A11 : 2008 + A2 : 2010

The technical documentation required to demonstrate that the product meets the requirements of the above specified Directive has been compiled by the signatory below and is available for inspection by the relevant enforcement authorities.

A sample of the product has been tested by the manufacturer.

Technical File No: KCE11-011

The CE mark was first applied in: 2011

Done at Melsele

30/05/2011

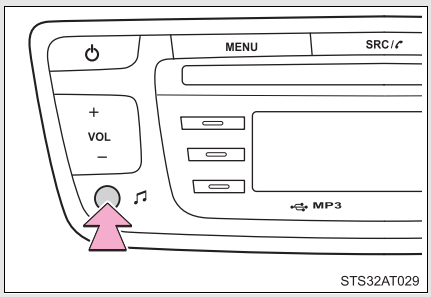
Ivan Vlietinck

Manager Public Affairs

PIONEER EUROPE NV
Haven 1087 - Keetberglaan 1 - 9120 Melsele - Belgium
Telefoon +32 (0)3 570 05 11 - Fax +32 (0)3 570 08 86 - URL http://www.pioneer.eu - BTW BE 406.999.132 - RPR Dendermonde

Audio settings*

Press the ♫ button to display the audio settings menu.
The distribution, or spatialization of sound, is an audio process which allows the sound quality to be improved according to the setting chosen, corresponding to the position of the listeners in the vehicle.



The audio settings menu changes each time the ♫ button is pressed.

The settings available are:

- Equalizer (bass and treble)
- Sound distribution (left/right balance)
- Loudness function

Adjusting equalizer

STEP 1 Press the ♫ button repeatedly until equalizer mode is displayed.

STEP 2 Press ▭ (< or >) to select type of equalizer (classical, jazz, rock etc.).

When selected “User”, adjust the bass and treble audio level manually by pressing ▭ (+ or -).

The audio settings are different and independent for each sound source.

Adjusting sound distribution

STEP 1 Press the ♫ button repeatedly until sound distribution mode is displayed.

STEP 2 Press ▭ (+ or -) to adjust the left/right balance.

*: If equipped

Loudness function

STEP 1 Press the ♫ button repeatedly until loudness mode is displayed.

STEP 2 Press ▭ (Loudness) to activate or deactivate the loudness function.

Configuration*

You can change the system to your desired setting.

STEP 1 Press the “MENU” button.

STEP 2 Press (Config.) to display the configuration screen.

The settings available are:

“Time”: Adjust the clock

“Display”: Scrolling text

“Language”: Modify the display language

“Version”: Confirm the system software

“System”: Update the system

Adjust the clock

Press (Time) to adjust the clock. (→P. 234)

Scrolling text

STEP 1 Press (Display).

STEP 2 Press (Scrolling) to activate or deactivate scrolling text.

STEP 3 Press (OK).

Selecting the language

STEP 1 Press (Language).

STEP 2 Press (∧ or ∨) to select the desired language.

STEP 3 Press (OK).

Confirm the system software

Press (Version) for information on the software.

*: If equipped

Update the system

Press (System) when you want to install an update.

Information can be obtained from any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Frequently asked questions*

The following tables contain answers to the most frequently asked questions.

Question	Answer	Solution
There is a difference in sound quality between the different audio sources (radio, CD...).	For optimum sound quality, the audio settings (volume, bass, treble, loudness) can be adapted to the different sound sources, which may result in audible differences when changing source (radio, CD...).	Check that the audio settings (volume, bass, treble, loudness) are adapted to the sources listened to. It is advisable to adjust audio settings (bass, treble, left-right balance) to the middle position, select the musical ambience and set the loudness correction to the active position in CD mode or to the inactive position in radio mode.
The quality of reception of the radio station listened to gradually deteriorates or the stored stations do not function (no sound, 87.5 MHz is displayed...).	The vehicle is too far from the transmitter used by the station listened to or there is no transmitter in the geographical area through which the vehicle is travelling.	Activate the RDS function to enable the system to check whether there is a more powerful transmitter in the geographical area.
	The environment (hills, buildings, tunnels, basement car parks...) block reception, including in RDS mode.	This phenomenon is normal and does not indicate a failure of the audio equipment.
	The aerial is absent or has been damaged (for example when going through a car wash or into an underground car park).	Have the aerial checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

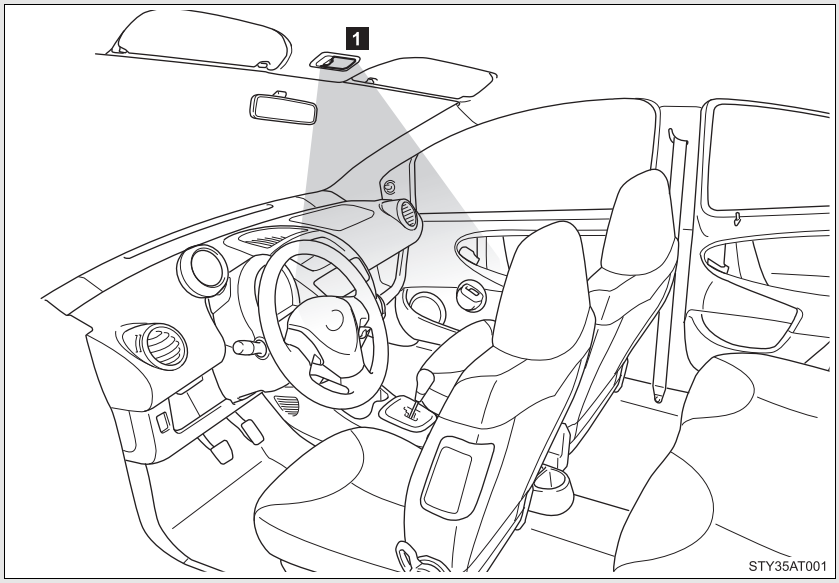
*: If equipped

Question	Answer	Solution
Sound cut-outs of 1 to 2 seconds in radio mode.	During this brief sound cut-out, the RDS searches for any frequency permitting better reception of the station.	Deactivate the RDS function if the phenomenon is too frequent and always on the same route.
Traffic announcement TA is displayed. I do not receive any traffic information.	The radio station does not broadcast traffic information.	Tune to a radio station which broadcasts traffic information.
The stored stations are not found (no sound, 87.5 MHz is displayed...).	An incorrect waveband is selected.	Press the “SRC/” button to return to the waveband (FM1 or FM2) on which the stations are stored.
The CD is ejected automatically or is not played by the player.	The CD is inserted upside down, is unplayable, does not contain any audio data or contains an audio format which the player cannot play. The CD is protected by an anti-pirating protection system which is not recognized by the audio equipment.	• Check that the CD is inserted in the player the right way up. • Check the condition of the CD: the CD cannot be played if it is too damaged. • Check the content in the case of a recorded CD: consult the advice in the “Using the CD player” section. • The audio equipment’s CD player does not play DVDs. • Due to their quality level, certain writable CDs will not be played by the audio system.

Question	Answer	Solution
The CD player sound is poor.	The CD used is scratched or of poor quality.	Insert good quality CDs and store them in suitable conditions.
	The audio settings (bass, treble) are unsuitable.	Set the treble or bass level to 0.
The Bluetooth® connection is cut.	The battery of the peripheral device may not be sufficiently charged.	Recharge the battery of the peripheral device.
The message “USB device error” is displayed on the screen.	The USB memory stick is not recognized. The memory stick may be corrupt.	Reformat the memory stick.
A telephone connects automatically, disconnecting another telephone.	Automatic connection overrides manual connection.	Modify the telephone settings to remove automatic connection.
An iPod is not recognized when connecting to the USB port.	The iPod is of a generation that is not compatible with the USB.	
The hard disk or device is not recognized when connecting to the USB port.	Some hard disks and devices need a power supply greater than is provided by the audio system.	Connect the device to the 230 V socket, the 12 V socket or an external power supply. **Caution**: ensure that the device does not transmit a voltage greater than 5 V (risk of destruction of the system).
When streaming, the sound cuts momentarily.	Some telephones prioritize connection of the hands-free profile.	Delete the hands-free connection profile to improve streaming.

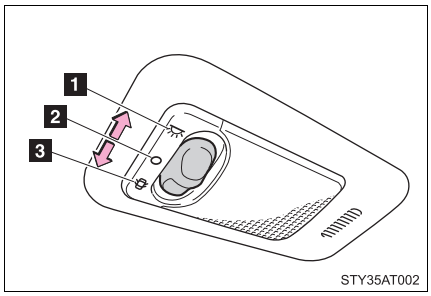
Question	Answer	Solution
In “Random all” play, not all of the tracks/files are played.	In “Random all” play, the system can only take into account up to 999 tracks/ files.	
With the engine off, the audio system switches off after a few minutes of use.	When the engine is switched off, the audio system operating time depends on the battery charge. The switch-off is normal: the audio system switches to economy mode and switches off to prevent discharging the vehicle’s battery.	Start the vehicle’s engine to increase the battery charge.
The message “the audio system is overheated” appears on the display.	In order to protect the installation if the surrounding temperature is too high, the audio system switches to an automatic thermal protection mode leading to a reduction of the volume or stopping of the playing of the CD.	Switch the audio system off for a few minutes to allow the system to cool.

Interior lights list



1 Interior light (→P. 229)

Interior light



1 Turns the light on

2 Turns the light off

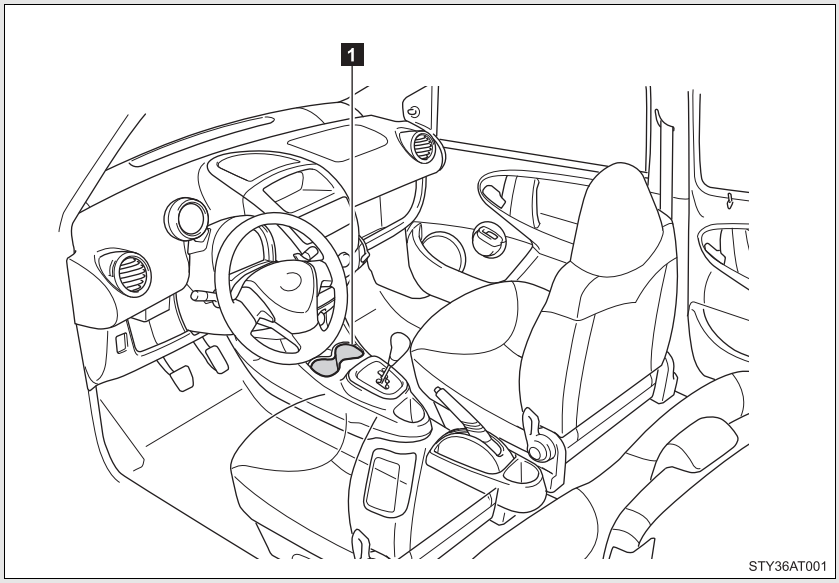
3 Turns the light on/off linked to door position

NOTICE

■ **To prevent battery discharge**

Do not leave the interior light on for extended periods while the engine is off.

List of storage features



1 Cup holders

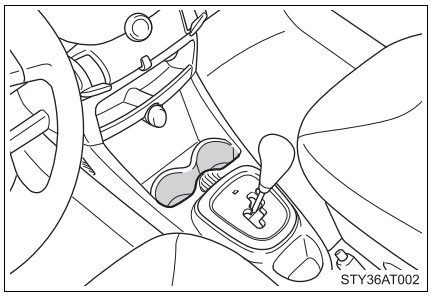
CAUTION

■ Items that should not be left in the storage spaces

Do not leave glasses, lighters or spray cans in the storage spaces, as this may cause the following when cabin temperature becomes high:

- Glasses may be deformed by heat or cracked if they come into contact with other stored items.
- Lighters or spray cans may explode. If they come into contact with other stored items, the lighter may catch fire or the spray can may release gas, causing a fire hazard.

Cup holders

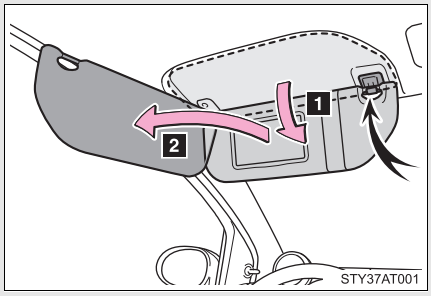


CAUTION

Items unsuitable for the cup holder

Do not place anything other than cups or beverage cans in the cup holders. Other items may be thrown out of the holders in the event of an accident or sudden braking, causing injury. If possible, cover hot drinks to prevent burns.

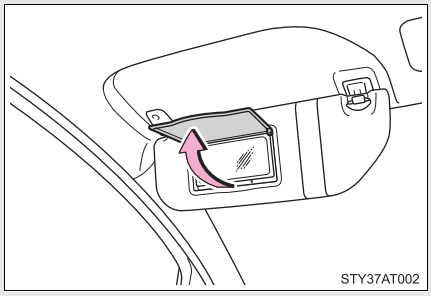
Sun visors



1 To set the visor in the forward position, flip it down.

2 To set the visor in the side position, flip down, unhook, and swing it to the side.

Vanity mirrors

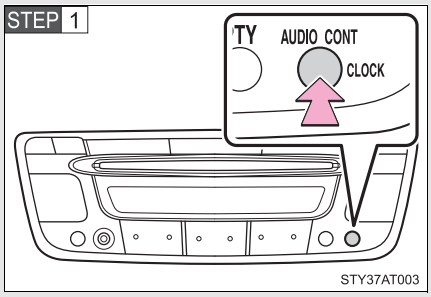


Open the cover to use.

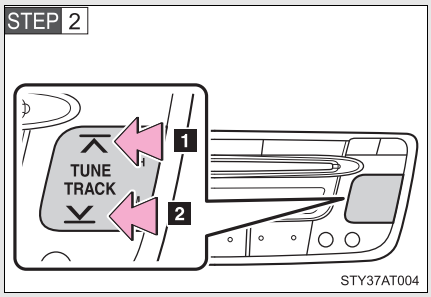
Clock*

The clock can be adjusted by the following steps.

Type A



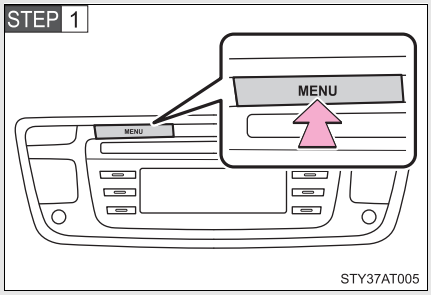
Press and hold the “CLOCK” button until you hear a beep.



1 Adjusts the hours

2 Adjusts the minutes

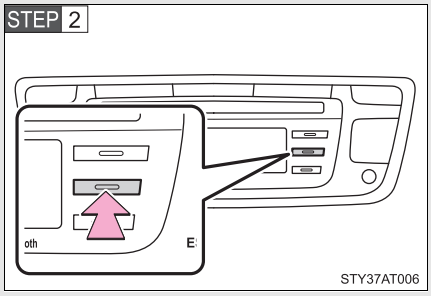
Type B



Press the “MENU” button.

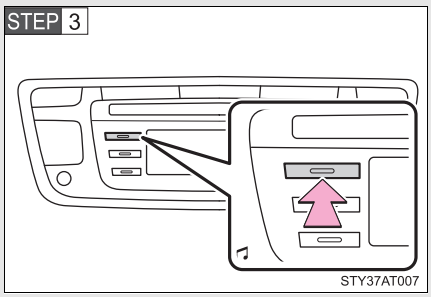
*: If equipped

STEP 2



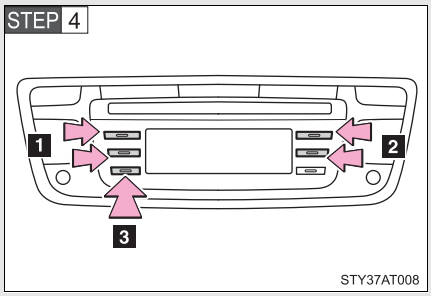
Press the (Config.).

STEP 3



Press the (Time).

STEP 4



1 Adjusts the hours

2 Adjusts the minutes

3 12/24 H display change button

■ **The clock is displayed when**

The engine switch is in the “ACC” or “ON” position.

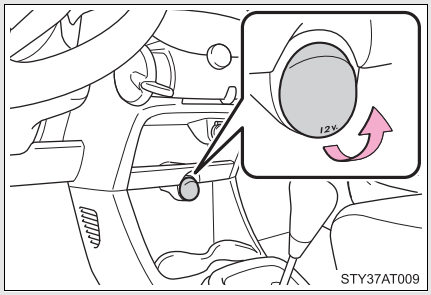
Type A only: Also, press ⏻ (Power) to turn the audio system on and off. The audio power can be turned on only once even when the key is not in the engine switch. The power, however, will automatically turn off when 30 minutes have elapsed.

■ **When disconnecting and reconnecting battery terminals**

The clock data will be reset.

Power outlet

The power outlet can be used for 12 V accessories that run on less than 120 W.



■ **The power outlet can be used when**

The engine switch is in the “ACC” or “ON” position.

NOTICE

■ **To avoid damaging the power outlet**

Close the power outlet lid when the power outlet is not in use.
Foreign objects or liquids that enter the power outlet may cause a short circuit.

■ **To prevent blown fuse**

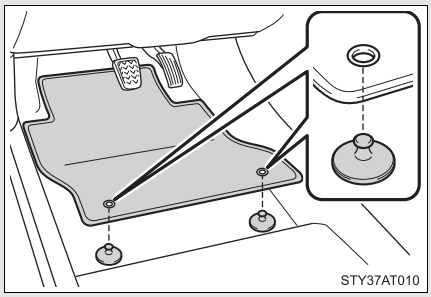
Do not use an accessory that uses more than 12 V 120 W.

■ **To prevent battery discharge**

Do not use the power outlet longer than necessary when the engine is not running.

Floor mat

Use only floor mats designed specifically for vehicles of the same model and model year as your vehicle. Fix them securely in place onto the carpet.



Fix the floor mat in place using the retaining hooks (clips) on the carpet.

The shape of the retaining hooks (clips) and the fixing procedure of the floor mat for your vehicle may differ from those shown in the illustration. For details, refer to the floor mat retention clip installation instructions supplied with the floor mat.

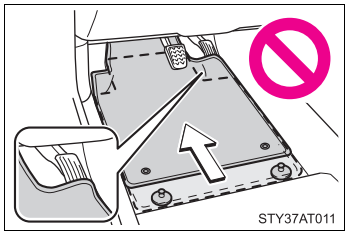
CAUTION

Observe the following precautions.
Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle, leading to a serious accident.

■ When installing the driver's floor mat

- Do not use floor mats designed for other models or different model year vehicles, even if they are Toyota Genuine floor mats.
- Only use floor mats designed for the driver's seat.
- Always install the floor mat securely using the retaining hooks (clips) on the carpet.
- Do not use two or more floor mats on top of each other.
- Do not place the floor mat bottom-side up or upside-down.

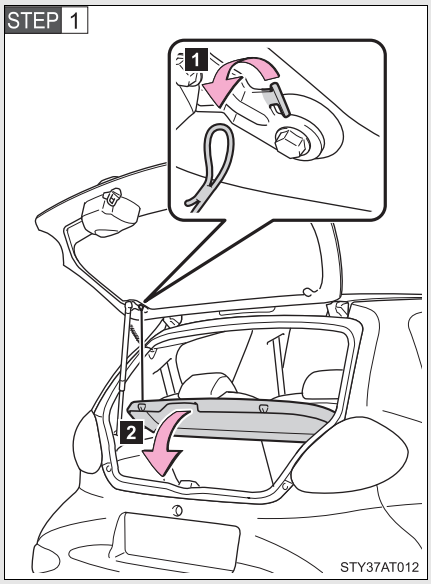
■ Before driving



- Check that the floor mat is securely fixed in the correct place with all the retaining hooks (clips). Be especially careful to perform this check after cleaning the floor.
- With the engine stopped and the shift lever in N, fully depress each pedal to the floor to make sure it does not interfere with the floor mat.

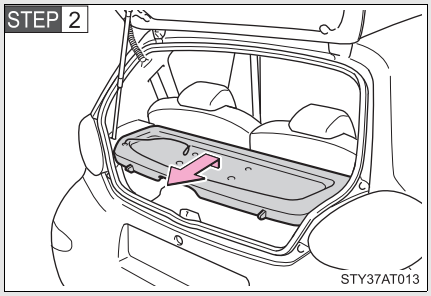
■ **Removing the luggage cover**

The luggage cover can be removed by the following procedure:



1 Unhook the cord.

2 Return the luggage cover to horizontal position.



Lift the luggage cover and pull it forward.

Maintenance and care 4

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Cleaning and protecting the vehicle exterior

Perform the following to protect the vehicle and maintain it in prime condition:

- Working from top to bottom, liberally apply water to the vehicle body, wheel wells and underside of the vehicle to remove any dirt and dust.
- Wash the vehicle body using a sponge or soft cloth, such as a chamois.
- For hard-to-remove marks, use car wash soap and rinse thoroughly with water.
- Wipe away any water.
- Wax the vehicle when the waterproof coating deteriorates.

  If water does not bead on a clean surface, apply wax when the vehicle body is cool.

■ **Automatic car washes**

- Fold the mirrors and remove the antenna before washing the vehicle. Start washing from the front of the vehicle. Make sure to re-install the antenna and extend the mirrors before driving.
- Brushes used in automatic car washes may scratch the vehicle surface and harm your vehicle's paint.

■ **High pressure car washes**

- Do not allow the nozzles of the car wash to come within close proximity of the windows.
- Before using the car wash, check that the fuel filler door on your vehicle is closed properly.

■ **Aluminum wheels (if equipped)**

- Remove any dirt immediately by using a neutral detergent. Do not use hard brushes or abrasive cleaners. Do not use strong or harsh chemical cleaners.
  Use the same mild detergent and wax as used on the paint.
- Do not use detergent on the wheels when they are hot, for example after driving for long distance in the hot weather.
- Wash detergent from the wheels immediately after use.
- To preserve the wheels' luster, do not allow hot water, such as from steam cleaning, to contact them directly.

■ **Bumpers**

Do not scrub with abrasive cleaners.

⚠ CAUTION

■ **When washing the vehicle**

Do not apply water to the inside of the engine compartment. Doing so may cause the electrical components etc. to catch fire.

■ **Precautions regarding the exhaust pipe**

Exhaust gasses cause the exhaust pipe to become quite hot.

When washing the vehicle, be careful not to touch the pipe until it has cooled sufficiently, as touching a hot exhaust pipe can cause burns.

NOTICE

■ **To prevent paint deterioration and corrosion on the body and components (aluminum wheels etc.)**

- Wash the vehicle immediately in the following cases:
  - After driving near the sea coast
  - After driving on salted roads
  - If coal tar or tree sap is present on the paint surface
  - If dead insects, insect droppings or bird droppings are present on the paint surface
  - After driving in an area contaminated with soot, oily smoke, mine dust, iron powder or chemical substances
  - If the vehicle becomes heavily soiled with dust or mud
  - If liquids such as benzene and gasoline are spilled on the paint surface
- If the paint is chipped or scratched, have it repaired immediately.
- To prevent the wheels from corroding, remove any dirt and store in a place with low humidity when storing the wheels.

■ **Cleaning the exterior lights**

- Wash carefully. Do not use organic substances or scrub with a hard brush. This may damage the surfaces of the lights.
- Do not apply wax to the surfaces of the lights.
  Wax may cause damage to the lenses.

■ **Antenna installation and removal precautions**

- Before driving, ensure that the antenna is installed.
- When the antenna is removed, such as before entering an automatic car wash, make sure to store it in a suitable place so as not to lose it. Also, before driving, make sure to reinstall the antenna in its original position.

■ **To prevent damage to the antenna**

Remove the antenna in the following situations:

- When the antenna will touch the ceiling of a garage or other such places
- When a car cover is to be used to cover the vehicle

Cleaning and protecting the vehicle interior

The following procedures will help protect your vehicle's interior and keep it in top condition:

Protecting the vehicle interior

Remove dirt and dust using a vacuum cleaner. Wipe dirty surfaces with a cloth dampened with lukewarm water.

Cleaning the leather areas

- Remove dirt and dust using a vacuum cleaner.
- Wipe off any excess dirt and dust with a soft cloth dampened with diluted detergent.

  Use a diluted water solution of approximately 5% neutral wool detergent.
- Wring out any excess water from the cloth and thoroughly wipe off all remaining traces of detergent.
- Wipe the surface with a dry, soft cloth to remove any remaining moisture. Allow the leather to dry in a shaded and ventilated area.

Cleaning the synthetic leather areas

- Remove loose dirt using a vacuum cleaner.
- Apply a mild soap solution to the synthetic leather using a sponge or soft cloth.
- Allow the solution to soak in for a few minutes. Remove the dirt and wipe off the solution with a clean, damp cloth.

Caring for leather areas

Toyota recommends cleaning the interior of the vehicle at least twice a year to maintain the quality of the vehicle's interior.

Shampooing the carpets

There are several commercial foaming-type cleaners available. Use a sponge or brush to apply the foam. Rub in overlapping circles. Do not use water. Wipe dirty surfaces and let them dry. Excellent results are obtained by keeping the carpet as dry as possible.

Seat belts

Clean with mild soap and lukewarm water using a cloth or sponge. Also check the belts periodically for excessive wear, fraying or cuts.

CAUTION

Water in the vehicle

- Do not splash or spill liquid in the vehicle.
  Doing so may cause electrical components etc. to malfunction or catch fire.
- Do not get any of the SRS components or wiring in the vehicle interior wet. (→P. 83)
  An electrical malfunction may cause the airbags to deploy or not function properly, resulting in death or serious injury.

Cleaning the interior (especially instrument panel)

Do not use polish wax or polish cleaner. The instrument panel may reflect off the windshield, obstructing the driver's view and leading to an accident, resulting in death or serious injury.

NOTICE

Cleaning detergents

- Do not use the following types of detergent, as they may discolor the vehicle interior or cause streaks or damage to painted surfaces:
  - Non-seat portions: Organic substances such as benzene or gasoline, alkaline or acidic solutions, dye, and bleach
  - Seats: Alkaline or acidic solutions, such as thinner, benzene, and alcohol
- Do not use polish wax or polish cleaner. The instrument panel's or other interior part's painted surface may be damaged.

Preventing damage to leather surfaces

Observe the following precautions to avoid damage to and deterioration of leather surfaces:

- Remove any dust or dirt from leather surfaces immediately.
- Do not expose the vehicle to direct sunlight for extended periods of time. Park the vehicle in the shade, especially during summer.
- Do not place items made of vinyl, plastic, or containing wax on the upholstery, as they may stick to the leather surface if the vehicle interior heats up significantly.

Water on the floor

Do not wash the vehicle floor with water.
Vehicle systems such as the audio system may be damaged if water comes into contact with electrical components such as the audio system above or under the floor of the vehicle. Water may also cause the body to rust.

Cleaning the inside of the rear window

- Do not use glass cleaner to clean the rear window, as this may cause damage to the rear window defogger heater wires. Use a cloth dampened with lukewarm water to gently wipe the window clean. Wipe the window in strokes running parallel to the heater wires.
- Be careful not to scratch or damage the heater wires.

Maintenance requirements

To ensure safe and economical driving, day-to-day care and regular maintenance are essential. Toyota recommends performing the following maintenance:

Scheduled maintenance

Scheduled maintenance should be performed at specified intervals according to the maintenance schedule.

For full details of your maintenance schedule, refer to the “Toyota Service Booklet” or “Toyota Warranty Booklet”.

Do-it-yourself maintenance

What about do-it-yourself maintenance?

Many of the maintenance items are easy to do yourself if you have a little mechanical ability and a few basic automotive tools.

Note, however, that some maintenance tasks require special tools and skills. These are best performed by qualified technicians. Even if you are an experienced do-it-yourself mechanic, we recommend that repairs and maintenance be conducted by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional. Any authorized Toyota dealer or repairer will keep a record of maintenance, which could be useful should you ever require Warranty Service. Should you choose to select a qualified and equipped professional other than an authorized Toyota repairer to service or maintain your vehicle, we recommend that you request that a record of maintenance be kept.

■ **Where to go for service?**

In order to maintain your vehicle in the best possible condition, Toyota recommends that all repairs and service operations be carried out by authorized Toyota dealers or repairers or other duly qualified and equipped professionals. For repairs and services covered by your warranty, please visit an authorized Toyota dealer or repairer, who will use genuine Toyota parts in repairing any difficulties you may encounter. There can also be advantages in utilizing authorized Toyota dealers or repairers for non-warranty repairs and services, as members of the Toyota network will be able to expertly assist you with any difficulties you may encounter.

Your Toyota dealer or repairer, or another duly qualified and equipped professional will perform all of the scheduled maintenance on your vehicle reliably and economically due to their experience with Toyota vehicles.

■ **Does your vehicle need repairs?**

Be on the alert for changes in performance and sounds, and visual tip-offs that indicate service is needed. Some important clues are:

- Engine misses, stumbling or pinging
- Appreciable loss of power
- Strange engine noises
- A fluid leak under the vehicle (However, water dripping from the air conditioning system after use is normal.)
- Change in exhaust sound (This may indicate a dangerous carbon monoxide leak. Drive with the windows open and have the exhaust system checked immediately.)
- Flat-looking tires, excessive tire squeal when cornering, uneven tire wear
- Vehicle pulls to one side when driven straight on a level road
- Strange noises related to suspension movement
- Loss of brake effectiveness, spongy feeling brake pedal or clutch pedal (vehicles with a manual transmission), pedal almost touches the floor, vehicle pulls to one side when braking
- Engine coolant temperature continually higher than normal

If you notice any of these clues, take your vehicle to any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible. Your vehicle may need adjustment or repair.

CAUTION

■ **If your vehicle is not properly maintained**

Improper maintenance could result in serious damage to the vehicle and possible death or serious injury.

■ **Handling of the battery**

Battery posts, terminals and related accessories contain lead and lead compounds which are known to cause brain damage. Wash your hands after handling. (→P. 266)

Do-it-yourself service precautions

If you perform maintenance by yourself, be sure to follow the correct procedures as given in these sections.

Items	Parts and tools
Battery condition (→P. 266)	• Warm water • Baking soda • Grease • Conventional wrench (for terminal clamp bolts)
Engine coolant level (→P. 264)	• “Toyota Super Long Life Coolant” or a similar high quality ethylene glycol-based non-silicate, non-amine, non-nitrite and non-borate coolant with long-life hybrid organic acid technology. “Toyota Super Long Life Coolant” is pre-mixed with 50% coolant and 50% deionized water. • Funnel (used only for adding coolant)
Engine oil level (→P. 261)	• “Toyota Genuine Motor Oil” or equivalent • Rag or paper towel • Funnel (used only for adding engine oil)
Fuses (→P. 282)	• Fuse with same amperage rating as original
Light bulbs (→P. 292)	• Bulb with same number and wattage rating as original • Phillips-head screwdriver • Flathead screwdriver • Wrench
Radiator and condenser (→P. 266)	—

Items	Parts and tools
Tire inflation pressure (→P. 275)	• Tire pressure gauge • Compressed air source
Washer fluid (→P. 269)	• Water or washer fluid containing antifreeze (for winter use) • Funnel (used only for adding water or washer fluid)

CAUTION

The engine compartment contains many mechanisms and fluids that may move suddenly, become hot, or become electrically energized. To avoid death or serious injury, observe the following precautions:

When working on the engine compartment:

- Keep hands, clothing and tools away from the moving fan and engine drive belt.
- Be careful not to touch the engine, radiator, exhaust manifold, etc. right after driving as they may be hot. Oil and other fluids may also be hot.
- Do not leave anything that may burn easily, such as paper and rags, in the engine compartment.
- Do not smoke, cause sparks or expose an open flame to fuel or the battery. Fuel and battery fumes are flammable.
- Be extremely cautious when working on the battery. It contains poisonous and corrosive sulfuric acid.
- Take care because brake fluid can harm your hands or eyes and damage painted surfaces. If fluid gets on your hands or in your eyes, flush the affected area with clean water immediately.
  If you still experience discomfort, consult a doctor.

CAUTION

When working near the electric cooling fan or radiator grille

Be sure the engine switch is off.
With the engine switch on, the electric cooling fan may automatically start to run if the air conditioning is on and/or the coolant temperature is high.
(→P. 266)

Safety glasses

Wear safety glasses to prevent flying or falling material, fluid spray, etc. from getting in your eyes.

NOTICE

If you remove the air cleaner filter

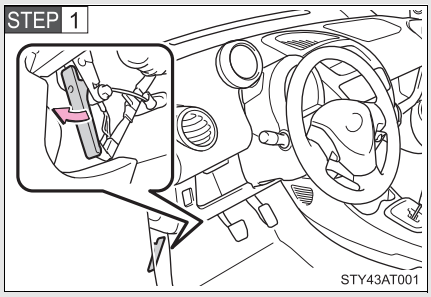
Driving with the air cleaner filter removed may cause excessive engine wear due to dirt in the air. Also, a backfire could cause a fire in the engine compartment.

If the fluid level is low or high

It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high.
If the reservoir needs frequent refilling, it may indicate a serious problem.

Release the lock from the inside of the vehicle to open the hood.

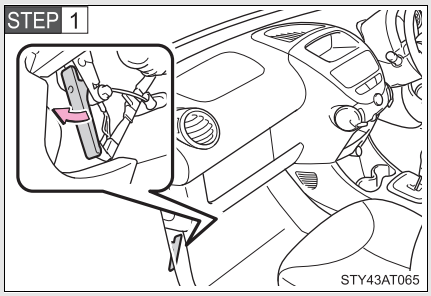
Left-hand drive vehicles



Pull the hood lock release lever.

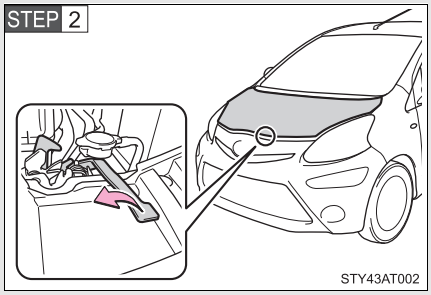
The hood will pop up slightly.

Right-hand drive vehicles

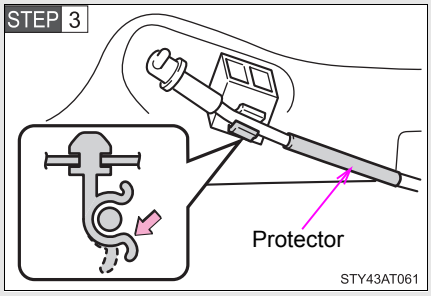


Pull the hood lock release lever.

The hood will pop up slightly.

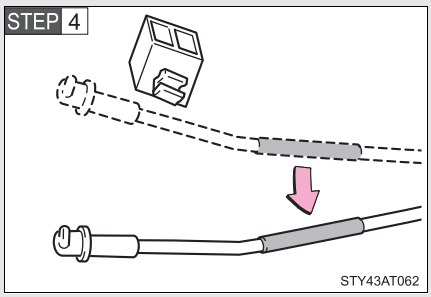


Pull up the auxiliary catch lever and lift the hood.

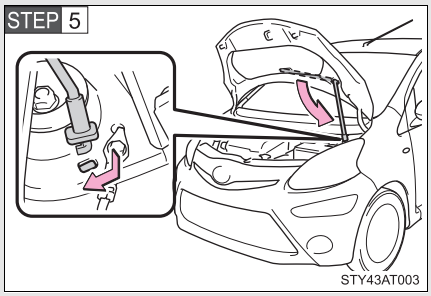


Removing the support rod

Hold the support protector area, and remove the support rod from the clip as shown in the illustration.



Move the support rod as shown in the illustration.



Hold the hood open by inserting the supporting rod into the slot.

To insert the support rod into the slot, move it as shown in the illustration. If it is moved to the side or toward the outside of the vehicle, it may become detached.

CAUTION

Pre-driving check

Check that the hood is fully closed and locked.
If the hood is not locked properly, it may open while the vehicle is in motion and cause an accident, which may result in death or serious injury.

After installing the support rod into the slot

Make sure the rod supports the hood securely from falling down on to your head or body.

When detaching the support rod from the clip

- Take care to prevent hands or arms from being hit against the inside of the engine hood. Failure to do so may result in serious injury.
- Hold the support protector area to prevent scalding.

NOTICE

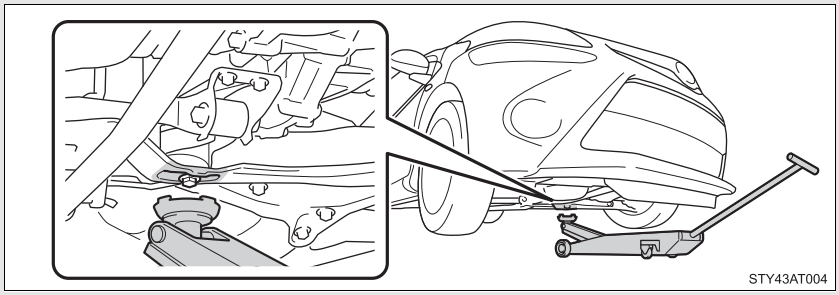
When closing the hood

Be sure to return the support rod to its clip before closing the hood. Closing the hood with the support rod up could cause the hood to bend.

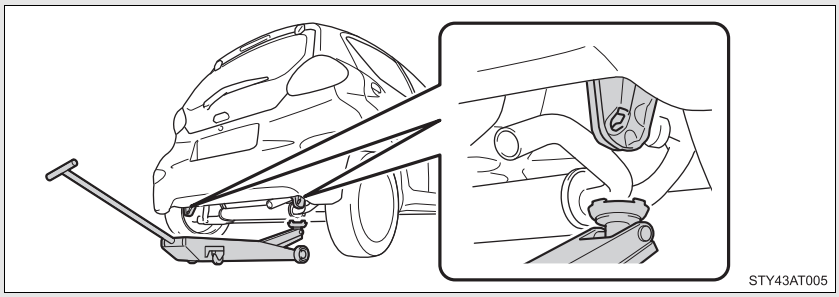
Positioning a floor jack

When raising your vehicle with a floor jack, position the jack correctly. Improper placement may damage your vehicle or cause injury.

Front



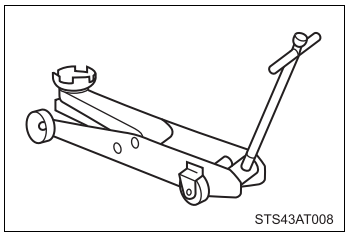
Rear



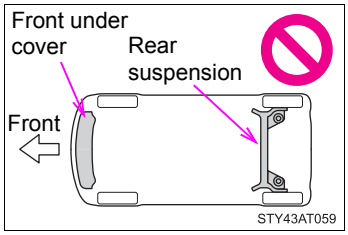
CAUTION

When raising your vehicle

Make sure to observe the following precautions to reduce the possibility of death or serious injury:



- Lift up the vehicle using a floor jack such as the one shown in the illustration.
- When using a floor jack, follow the instructions of the manual provided with the jack.
- Do not use the jack that was supplied with your vehicle.
- Do not put any part of your body underneath the vehicle when it is supported only by the floor jack.
- Always use floor jack and/or automotive jack stands on a solid, flat, level surface.
- Do not start the engine while the vehicle is supported by the floor jack.
- Stop the vehicle on level, firm ground, firmly set the parking brake and shift the shift lever to E, M or R (vehicles with a multi-mode manual transmission) or R (vehicles with a manual transmission).
- Make sure to set the floor jack properly at the jack point.
  Raising the vehicle with an improperly positioned floor jack will damage the vehicle and may cause the vehicle to fall off the floor jack.

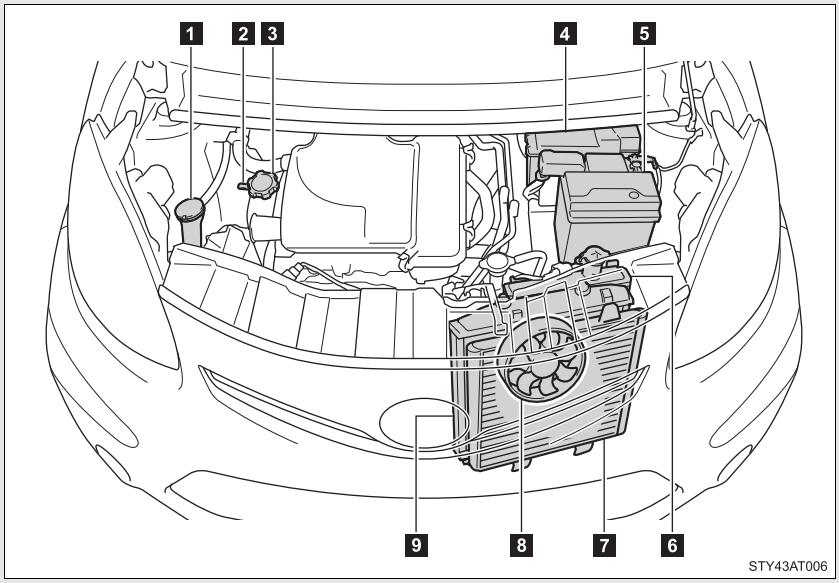


- Do not jack the vehicle at the front under cover and the rear suspension. The front under cover and the rear suspension may be damaged.

CAUTION

- Do not raise the vehicle while someone is in the vehicle.
- When raising the vehicle, do not place any object on top of or underneath the floor jack.

Engine compartment



1 Washer fluid tank (→P. 269)
2 Engine oil level dipstick (→P. 261)
3 Engine oil filler cap (→P. 262)
4 Fuse box (→P. 282)
5 Battery (→P. 266)
6 Engine coolant reservoir (→P. 264)
7 Condenser (→P. 266)
8 Electric cooling fan
9 Radiator (→P. 266)

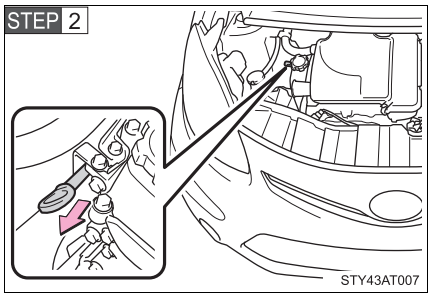
Engine oil

With the engine at operating temperature and turned off, check the oil level on the dipstick.

■ Checking the engine oil

STEP 1 Park the vehicle on level ground. After warming up the engine and turning it off, wait more than 5 minutes for the oil to drain back into the bottom of the engine.

STEP 2



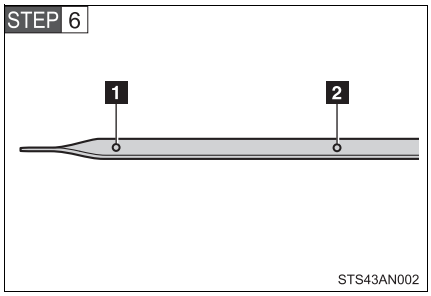
Holding a rag under the end, pull the dipstick out.

STEP 3 Wipe the dipstick clean.

STEP 4 Reinsert the dipstick fully.

STEP 5 Holding a rag under the end, pull the dipstick out and check the oil level.

STEP 6



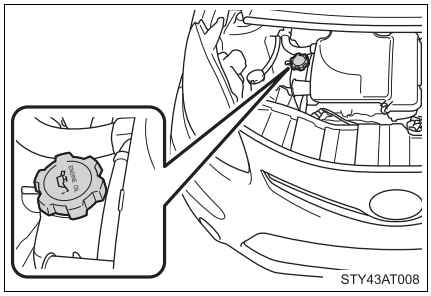
Wipe the dipstick and reinsert it fully.

1 Low

2 Full

Adding engine oil

If the oil level is below or near the low level mark, add engine oil of the same type as that already in the engine.



Make sure to check the oil type and prepare the items needed before adding oil.

Engine oil selection	→P. 347
Oil quantity (Low → Full)	1.5 L (1.6 qt., 1.3 Imp.qt.)
Item	Clean funnel

STEP 1 Remove the oil filler cap by turning it counterclockwise.

STEP 2 Add engine oil slowly, checking the dipstick.

STEP 3 Install the oil filler cap by turning it clockwise.

■ **Engine oil consumption**

- The amount of engine oil consumed depends on the oil viscosity, the quality of the oil and the way the vehicle is driven.
- More oil is consumed under driving conditions such as high speeds and frequent acceleration and deceleration.
- A new engine consumes more oil.
- When judging the amount of oil consumption, keep in mind that the oil may have become diluted, making it difficult to judge the true level accurately.
- Oil consumption: Max. 1.0 L/1000 km (1.1 qt./600 miles, 0.9 Imp.qt./600 miles)
- If your vehicle consumes more than 1.0 L (1.1 qt., 0.9 Imp.qt.) every 1000 km (600 miles), contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

⚠ CAUTION

■ **Used engine oil**

- Used engine oil contains potentially harmful contaminants which may cause skin disorders such as inflammation and skin cancer, so care should be taken to avoid prolonged and repeated contact. To remove used engine oil from your skin, wash thoroughly with soap and water.
- Dispose of used oil and filters only in a safe and acceptable manner. Do not dispose of used oil and filters in household trash, in sewers or onto the ground. Call any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, service station or auto parts store for information concerning recycling or disposal.
- Do not leave used engine oil within the reach of children.

NOTICE

■ **To prevent serious engine damage**

Check the oil level on a regular basis.

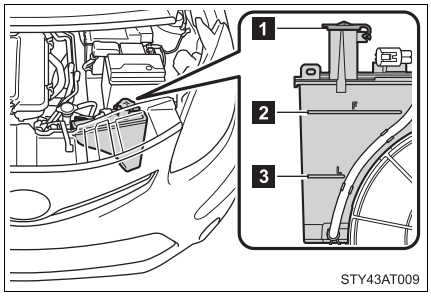
■ **When replacing the engine oil**

- Be careful not to spill engine oil on the vehicle components.
- Avoid overfilling, or the engine could be damaged.
- Check the oil level on the dipstick every time you refill the vehicle.
- Be sure the engine oil filler cap is properly tightened.

Engine coolant

The coolant level is satisfactory if it is between the “F” (Full) and “L” (Low) lines on the reservoir when the engine is cold.

Type A



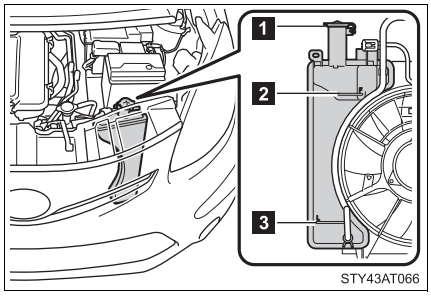
1 Reservoir cap

2 “F” line

3 “L” line

If the level is on or below the “L” line, add coolant up to the “F” line.

Type B



1 Reservoir cap

2 “F” line

3 “L” line

If the level is on or below the “L” line, add coolant up to the “F” line.

Coolant selection

Only use “Toyota Super Long Life Coolant” or a similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology.

“Toyota Super Long Life Coolant” is a mixture of 50% coolant and 50% deionized water. (Minimum temperature: -35°C [-31°F])

For more details about engine coolant, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

If the coolant level drops within a short time of replenishing

Visually check the radiator, hoses, engine coolant reservoir cap, drain cock and water pump.
If you cannot find a leak, have any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, test the cap and check for leaks in the cooling system.

CAUTION

When the engine is hot

Do not remove the radiator cap.
The cooling system may be under pressure and may spray hot coolant if the cap is removed, causing serious injuries, such as burns.

NOTICE

When adding coolant

Coolant is neither plain water nor straight antifreeze. The correct mixture of water and antifreeze must be used to provide proper lubrication, corrosion protection and cooling. Be sure to read the antifreeze or coolant label.

If you spill coolant

Be sure to wash it off with water to prevent it from damaging parts or paint.

Radiator and condenser

Check the radiator and condenser and clear away any foreign objects.
If either of the above parts are extremely dirty or you are not sure of their condition, have your vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

CAUTION

When the engine is hot

Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

Battery

Check the battery as follows.

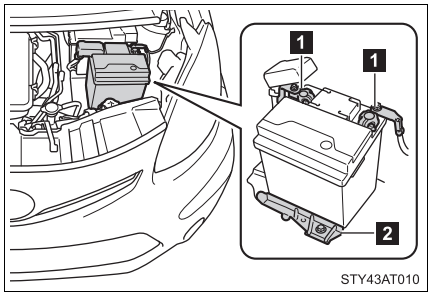
Caution symbols

The meanings of each caution symbol on the top of the battery are as follows:

	No smoking, no naked flames, no sparks		Battery acid
	Shield eyes		Note operating instructions
	Keep away from children		Explosive gas

■ **Battery exterior**

Make sure that the battery terminals are not corroded and that there are no loose connections, cracks, or loose clamps.

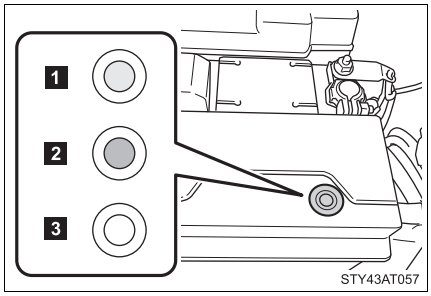


1 Terminals

2 Hold-down clamp

■ **Checking battery fluid**

Check the battery condition by indicator color.



1 Green: Good condition

2 Dark: Charging is necessary. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

3 White: Not working properly. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Before recharging

When recharging, the battery produces hydrogen gas which is flammable and explosive. Therefore, observe the following before recharging:

- If recharging with the battery installed on the vehicle, be sure to disconnect the ground cable.
- Make sure the power switch on the charger is off when connecting and disconnecting the charger cables to the battery.

CAUTION

Chemicals in the battery

Batteries contain poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of death or serious injury, take the following precautions while working on or near the battery:

- Do not cause sparks by touching the battery terminals with tools.
- Do not smoke or light a match near the battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.
- Wear protective safety glasses when working near the battery.
- Keep children away from the battery.

Where to safely charge the battery

Always charge the battery in an open area. Do not charge the battery in a garage or closed room where there is insufficient ventilation.

How to recharge the battery

Only perform a slow charge (5 A or less). The battery may explode if charged at a quicker rate.

CAUTION

Emergency measures regarding electrolyte

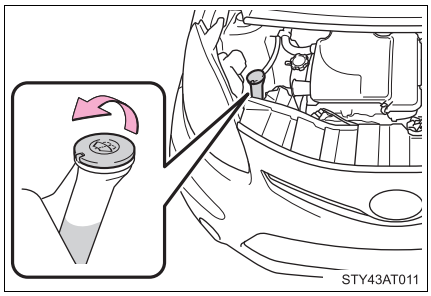
- If electrolyte gets in your eyes
  Flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If possible, continue to apply water with a sponge or cloth while traveling to the nearest medical facility.
- If electrolyte gets on your skin
  Wash the affected area thoroughly. If you feel pain or burning, get medical attention immediately.
- If electrolyte gets on your clothes
  It can soak through clothing on to your skin. Immediately take off the clothing and follow the procedure above if necessary.
- If you accidentally swallow electrolyte
  Drink a large quantity of water or milk. Get emergency medical attention immediately.

NOTICE

When recharging the battery

Never recharge the battery while the engine is running. Also, be sure all accessories are turned off.

Washer fluid



If any washer does not work, the washer tank may be empty. Add washer fluid.

CAUTION

When adding washer fluid

Do not add washer fluid when the engine is hot or running as washer fluid contains alcohol and may catch fire if spilled on the engine etc.

NOTICE

Do not use any fluid other than washer fluid

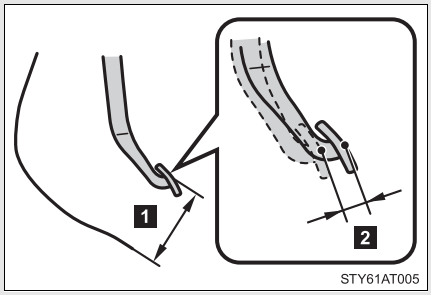
Do not use soapy water or engine antifreeze instead of washer fluid.
Doing so may cause streaking on the vehicle's painted surfaces.

Diluting washer fluid

Dilute washer fluid with water as necessary.
Refer to the freezing temperatures listed on the label of the washer fluid bottle.

Clutch pedal (vehicles with a manual transmission)

Please confirm if the free play of the clutch pedal is within standard levels.



Check the pedal free play.

1 Pedal height

2 Pedal free play

■ **About the free play of the clutch pedal**

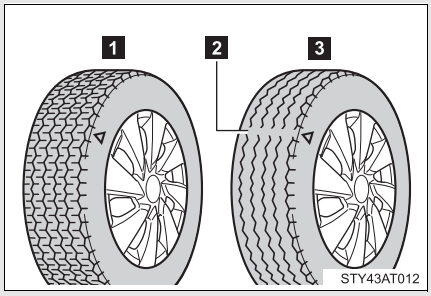
If the free play is less than 5 mm (0.19 in.), take your vehicle to any authorized Toyota dealer or repairer, or another duly qualified professional to adjust the clutch pedal free play.

■ **The clutch pedal's normal free play**

→P. 352

Replace or rotate tires in accordance with maintenance schedules and treadwear.

Checking tires



1 New tread

2 Treadwear indicator

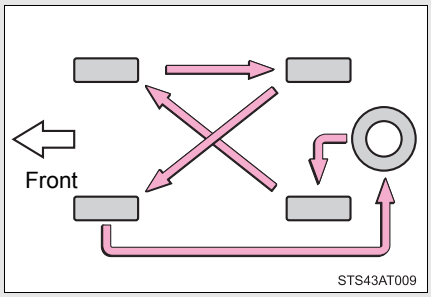
3 Worn tread

The location of treadwear indicators is shown by the “TWI” or “Δ” marks, etc., molded on the sidewall of each tire.

Check spare tire condition and pressure if not rotated.

Tire rotation

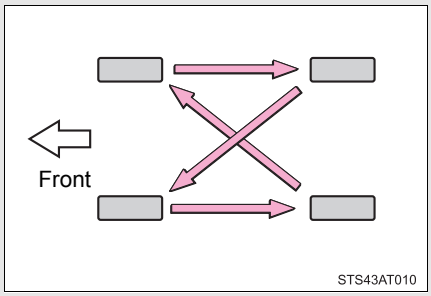
Vehicles with steel wheels



Rotate the tires in the order shown.

To equalize tire wear and help extend tire life, Toyota recommends that tire rotation is carried out approximately every 10000 km (6000 miles).

Vehicles with aluminum wheels



Rotate the tires in the order shown.

To equalize tire wear and help extend tire life, Toyota recommends that tire rotation is carried out approximately every 10000 km (6000 miles).

■ **When to replace your vehicle's tires**

Tires should be replaced if:

- You have tire damage such as cuts, splits, cracks deep enough to expose the fabric, and bulges indicating internal damage
- A tire goes flat repeatedly or cannot be properly repaired due to the size or location of a cut or other damage

If you are not sure, consult with any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **Tire life**

Any tire over 6 years old must be checked by a qualified technician even if it has seldom or never been used or damage is not obvious.

■ **If the tread on snow tires wears down below 4 mm (0.16 in.)**

The effectiveness of the tires as snow tires is lost.

⚠ CAUTION

■ **When inspecting or replacing tires**

Observe the following precautions to prevent accidents.
Failure to do so may cause damage to parts of the drive train as well as dangerous handling characteristics, which may lead to an accident resulting in death or serious injury.

- Do not mix tires of different makes, models or tread patterns.
  Also, do not mix tires of remarkably different treadwear.
- Do not use tire sizes other than those recommended by Toyota.
- Do not mix differently constructed tires (radial, bias-belted or bias-ply tires).
- Do not mix summer, all season and snow tires.
- Do not use tires that have been used on another vehicle.
  Do not use tires if you do not know how they were used previously.

NOTICE

Driving on rough roads

Take particular care when driving on roads with loose surfaces or potholes. These conditions may cause losses in tire inflation pressure, reducing the cushioning ability of the tires. In addition, driving on rough roads may cause damage to the tires themselves, as well as the vehicle's wheels and body.

If tire inflation pressure of each tire becomes low while driving

Do not continue driving, or your tires and/or wheels may be ruined.

Tire inflation pressure

Make sure to maintain proper tire inflation pressure. Tire inflation pressure should be checked at least once per month. However, Toyota recommends that tire inflation pressure be checked once every two weeks. (→P. 353)

Effects of incorrect tire inflation pressure

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

- Reduced fuel efficiency
- Reduced driving comfort and tire life
- Reduced safety
- Damage to the drive train

If a tire needs frequent inflating, have it checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Instructions for checking tire inflation pressure

When checking tire inflation pressure, observe the following:

- Check only when the tires are cold.
  If your vehicle has been parked for at least 3 hours or has not been driven for more than 1.5 km or 1 mile, you will get an accurate cold tire inflation pressure reading.
- Always use a tire pressure gauge.
  The appearance of the tire can be misleading. In addition, tire inflation pressure that is even just a few pounds off can affect ride quality and handling.
- Do not reduce tire inflation pressure after driving. It is normal for tire inflation pressure to be higher after driving.
- Never exceed the vehicle capacity weight.
  Passengers and luggage weight should be placed so that the vehicle is balanced.

CAUTION

Proper inflation is critical to save tire performance

Keep your tires properly inflated. Otherwise, the following conditions may occur and result in an accident causing death or serious injury:

- Excessive wear
- Uneven wear
- Poor handling
- Possibility of blowouts resulting from overheated tires
- Poor sealing of the tire bead
- Wheel deformation and/or tire separation
- A greater possibility of tire damage from road hazards

NOTICE

When inspecting and adjusting tire inflation pressure

Be sure to put the tire valve caps back on.
Without the valve caps, dirt or moisture could get into the valve and cause air leakage, which could result in an accident. If the caps are lost, replace them as soon as possible.

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

■ **Wheel selection**

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

Replacement wheels are available at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

*: Conventionally referred to as “offset”.

Toyota does not recommend using the following:

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

■ **Aluminum wheel precautions (if equipped)**

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

CAUTION

When replacing wheels

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

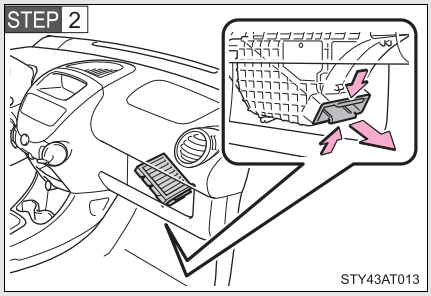
Air conditioning filter

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

■ Replacement method

STEP 1 Turn the engine switch to the “LOCK” position.

STEP 2



Pull out the air conditioning filter as shown in the illustration.

STEP 3 Replace it with a new one.

■ Checking interval

Inspect and replace the air conditioning filter according to the maintenance schedule. In dusty areas or areas with heavy traffic flow, early replacement may be required. (For scheduled maintenance information, please refer to the “Toyota Service Booklet” or “Toyota Warranty Booklet”.)

■ If air flow from the vents decreases dramatically

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

⚠ NOTICE

■ When using the air conditioning system

Make sure that a filter is always installed.
Using the air conditioning system without a filter may cause damage to the system.

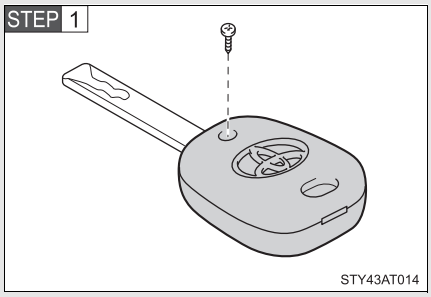
Wireless remote control battery*

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

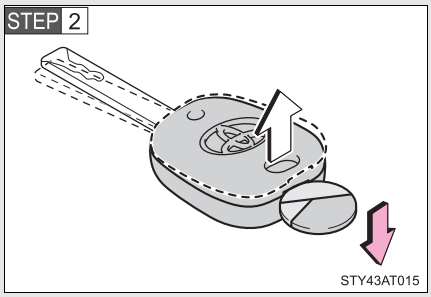
■ You will need the following items:

- Small Phillips-head screwdriver
- Lithium battery CR2016

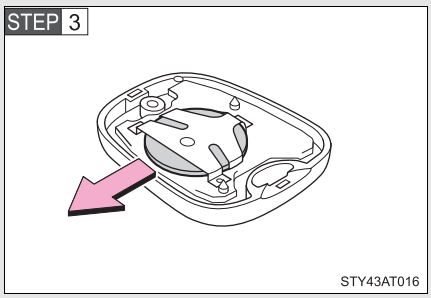
■ Replacing the battery



Remove the screw.



Open the cover using a coin protected with tape etc.



Remove the depleted battery.

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

*: If equipped

■ **Use a CR2016 lithium battery**

- Batteries can be purchased at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, local electrical appliance shops or camera stores.
- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to local laws.

■ **If the key battery is depleted**

The following symptoms may occur:

- The wireless remote control will not function properly.
- The operational range will be reduced.

⚠ CAUTION

■ **Removed battery and other parts**

Keep away from children. These parts are small and if swallowed by a child, they can cause choking. Failure to do so could result in death or serious injury.

■ **Certification for the lithium battery**

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

⚠ NOTICE

■ **For normal operation after replacing the battery**

Observe the following precautions to prevent accidents:

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

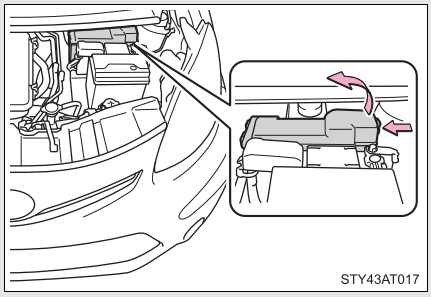
Checking and replacing fuses

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

STEP 1 Turn the engine switch to the “LOCK” position.

STEP 2 Open the fuse box cover.

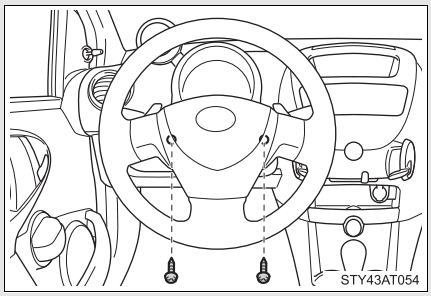
Engine compartment



Push the tab in and lift the lid off.

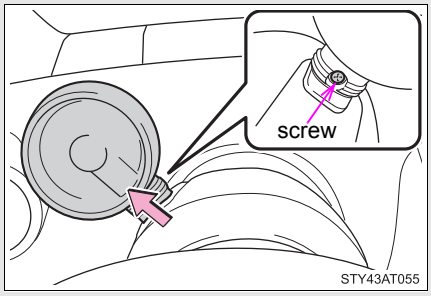
Instrument panel

If the following procedures seems difficult to perform, consult any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

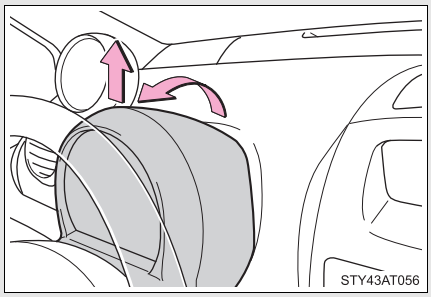


1 Remove the meter cover screws, by using a Phillips-head screwdriver.

If the steering lock is engaged, please disengage it. (→P. 131)



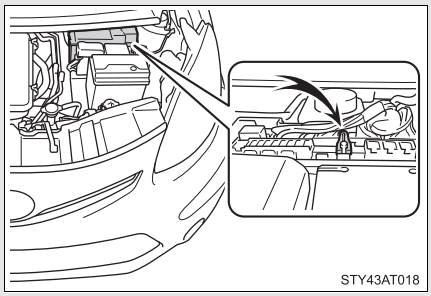
2 Remove the bottom screw of the tachometer, and lift and pull up on the tachometer.



3 Pull the meter cover forward, lift up, and remove the meter cover.

STEP 3 After a system failure, see “Fuse layout and amperage ratings” (→P. 285) for details about which fuse to check.

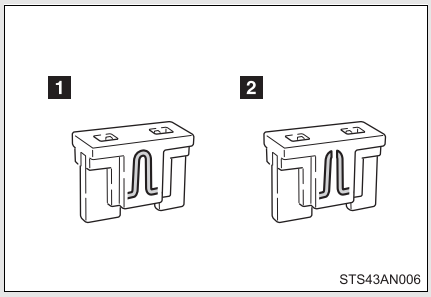
STEP 4 Remove the fuse.



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

STEP 5 Check if the fuse is blown.

Type A

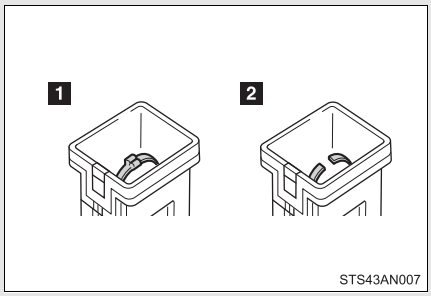


1 Normal fuse

2 Blown fuse

Replace the blown fuse with a new fuse of an appropriate amperage rating.

Type B

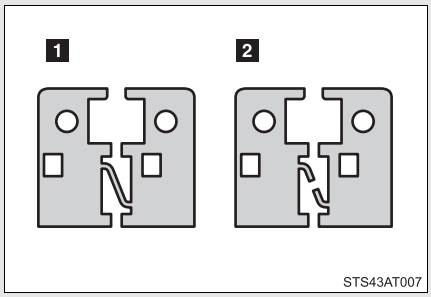


1 Normal fuse

2 Blown fuse

Replace the blown fuse with a new fuse of an appropriate amperage rating.

Type C



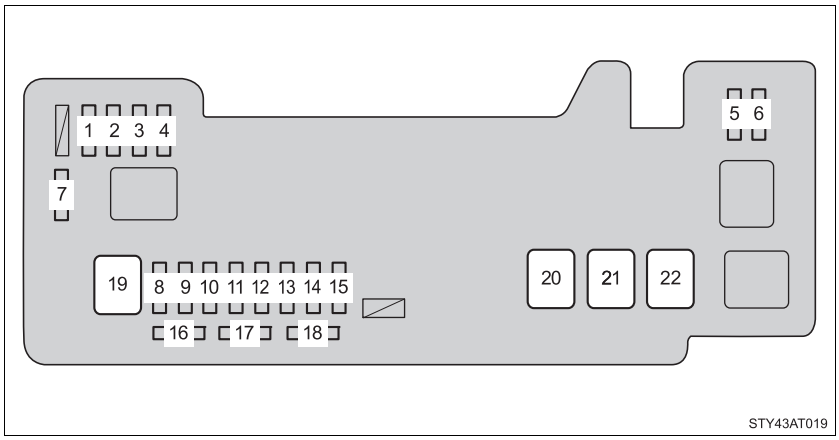
1 Normal fuse

2 Blown fuse

Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Fuse layout and amperage ratings

Engine compartment (top side)

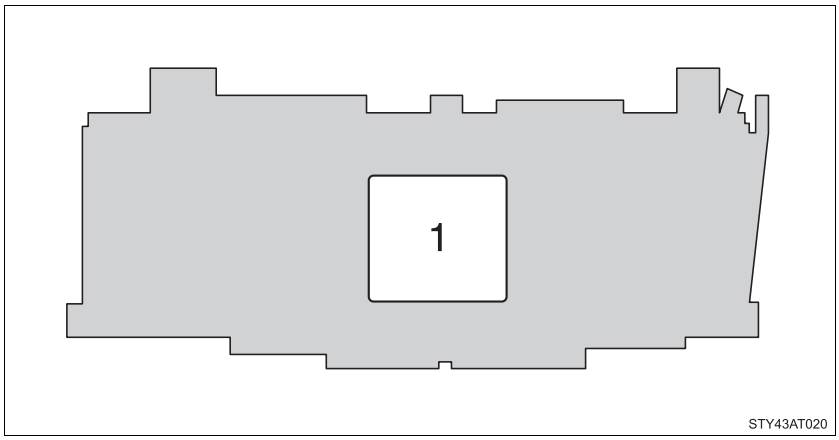


Fuse		Ampere	Circuit
1	DRL	5 A	Daytime running lights
2	FOG FR	20 A	Front fog lights
3	H-LP LH	10 A	Left-hand headlights
4	H-LP RH	10 A	Right-hand headlights
5	STA	7.5 A	Multi-mode manual transmission, multiport fuel injection system/ sequential multiport fuel injection system
6	EFI NO.2	7.5 A	Multiport fuel injection system/ sequential multiport fuel injection system, multi-mode manual trans-mission
7	MET	5 A	Gauges and meters
8	SUB-LP	30 A	DRL, FOG FR fuses
9	ABS NO.2*1	25 A	Anti-lock brake system
	VSC NO.2*2	30 A	Anti-lock brake system and vehicle stability control system

Fuse		Ampere	Circuit
10	AM2	30 A	Starting system, IG1, IG2, STA fuses
11	HAZARD	10 A	Turn signal lights, emergency flashers, gauges and meters
12	H-LP MAIN	20 A	H-LP LH, H-LP RH fuses
13	DOME	15 A	Gauges and meters, interior light, audio system, tachometer
14	EFI	15 A	Electric cooling fan, multiport fuel injection system/sequential multi-port fuel injection system
15	HORN	10 A	Horn
16	SPARE	7.5 A	Spare fuse
17	SPARE	10 A	Spare fuse
18	SPARE	15 A	Spare fuse
19	AMT	50 A	Multi-mode manual transmission
20	RADIATOR	30 A*3	Electric cooling fan
		40 A*3	
21	ABS*1	40 A	Anti-lock brake system
	VSC*2	50 A	Anti-lock brake system and vehicle stability control system
22	EMPS	50 A	Electric power steering system

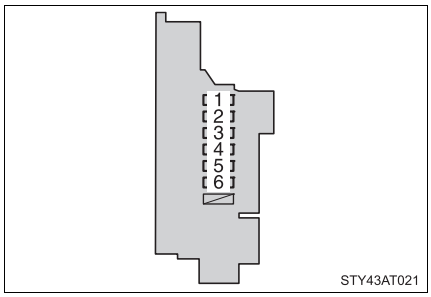
*1: Vehicles without VSC system
*2: Vehicles with VSC system
*3: Replace the fuse with one of the same ampere rating as the original

Engine compartment (back side)



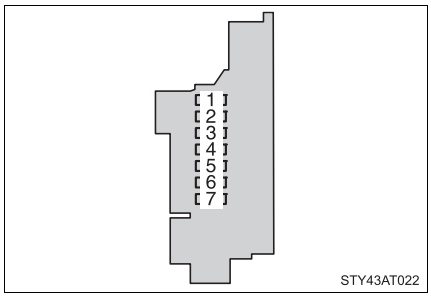
Fuse		Ampere	Circuit
1	ALTERNATOR	120 A	Charging system, EMPS, ABS, VSC, RADIATOR, AM1, HTR, PWR, D/L, DEF, TAIL, STOP, OBD, ECU-B fuses

Instrument panel (right side)



Fuse		Ampere	Circuit
1	STOP	10 A	Stop lights, high mounted stoplight, anti-lock brake system, multi-mode manual transmission
2	D/L	25 A	Power door lock system, wireless remote control system
3	DEF	20 A	Rear window defogger
4	TAIL	7.5 A	Daytime running light system, tail lights, license plate lights, position lights, headlight beam level control system, instrument panel lights
5	OBD	7.5 A	On-board diagnosis system
6	ECU-B	7.5 A	Multi-mode manual transmission, daytime running light system, vehicle stability control system, gauges and meters, rear fog light

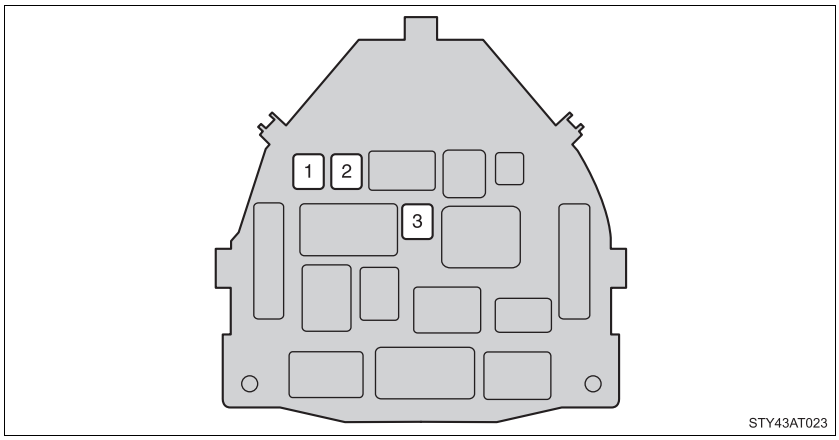
Instrument panel (left side)



Fuse		Ampere	Circuit
1	ECU-IG	7.5 A	Anti-lock brake system, vehicle stability control system, electric power steering system, electric cooling fan
2	BACK UP	10 A	Back-up lights, power door lock system, wireless remote control system, power windows, rear window defogger, tachometer, air conditioning system, heater system
3	WIP	20 A	Windshield wiper and washer, rear window wiper and washer
4	ACC	15 A	Power outlet, audio system
5	IG1	7.5 A	Windshield wiper and washer, rear window wiper and washer, anti-lock brake system, electric power steering system, electric cooling fan, back-up lights, power door lock system, wireless remote control system, power windows, rear window defogger, tachometer, air conditioning system, heater system
6	IG2	15 A	Multiport fuel injection system/ sequential multiport fuel injection system, SRS airbag system, gauges and meters, daytime running light system, multi-mode manual transmission

Fuse		Ampere	Circuit
7	A/C	7.5 A	Air conditioning system, power heater

Instrument panel (back side)



Fuse		Ampere	Circuit
1	AM1	40 A	ACC, WIP, ECU-IG, BACK UP fuses
2	PWR	30 A	Power windows
3	HTR	40 A	Heater system, air conditioning system, A/C fuse

■ **After a fuse is replaced**

- If the lights do not turn on even after the fuse has been replaced, a bulb may need replacement. (→P. 292)
- If the replaced fuse blows again, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

■ **If there is an overload in a circuit**

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

CAUTION

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

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

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

NOTICE

■ **Before replacing fuses**

Have the cause of electrical overload determined and repaired by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

Light bulbs

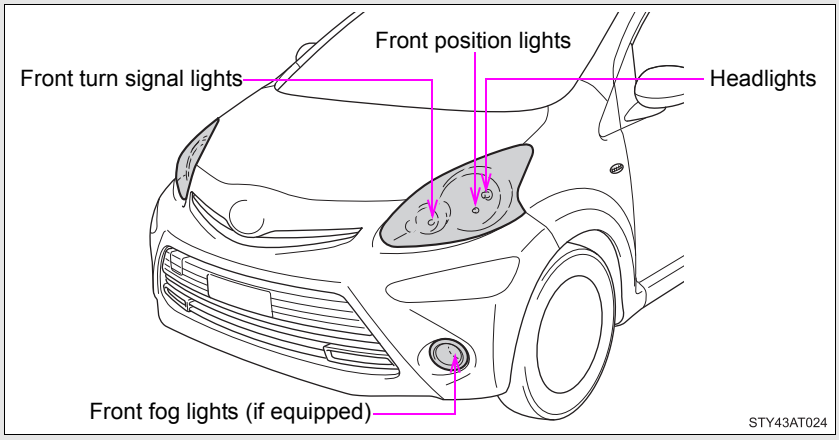
You may replace the following bulbs by yourself. The difficulty level of replacement varies depending on the bulb. If necessary bulb replacement seems difficult to perform, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

For more information about replacing other light bulbs, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

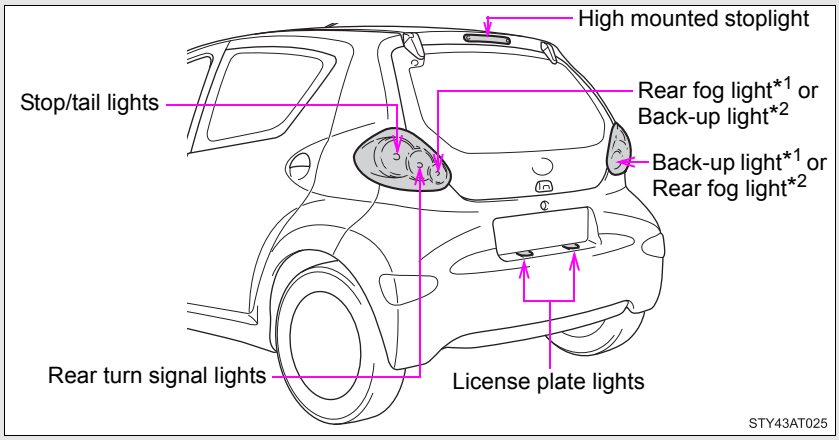
■ Preparing for light bulb replacement

Check the wattage of the light bulb to be replaced. (→P. 354)

■ Front bulb locations



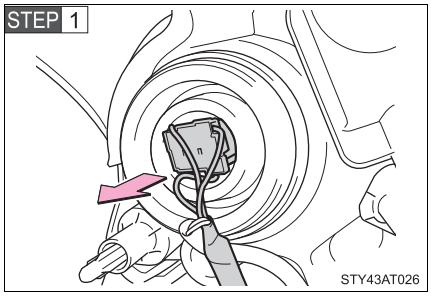
Rear bulb locations



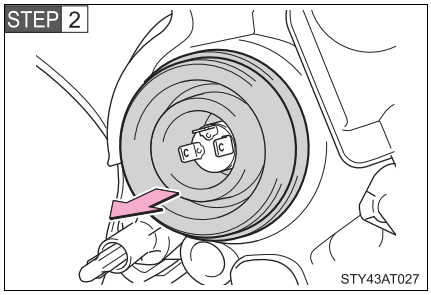
*1: Left-hand drive vehicles
*2: Right-hand drive vehicles

Replacing light bulbs

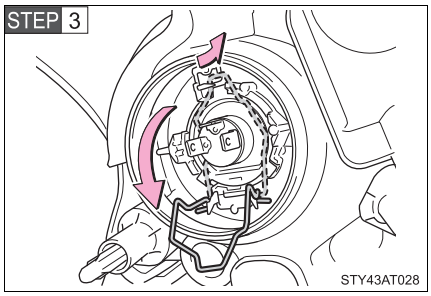
Headlights



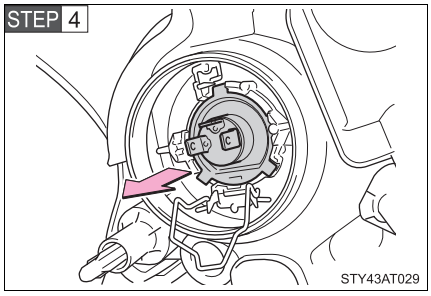
Unplug the connector.



Remove the rubber cover.



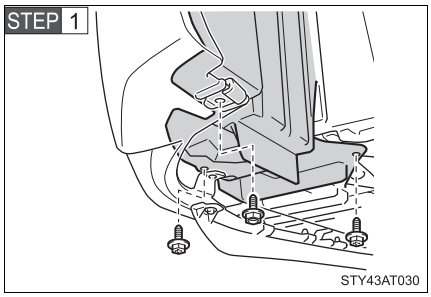
Release the bulb retaining spring.



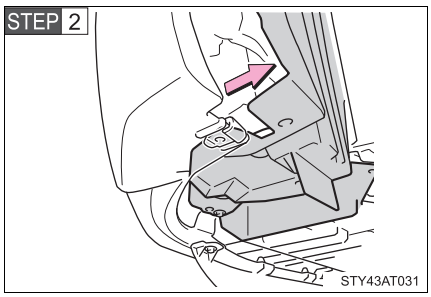
Remove the bulb.

To install a new bulb, align the tabs of the bulb with the cutouts of the mounting hole.

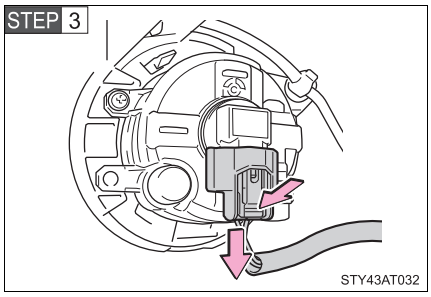
■ Front fog lights (if equipped)



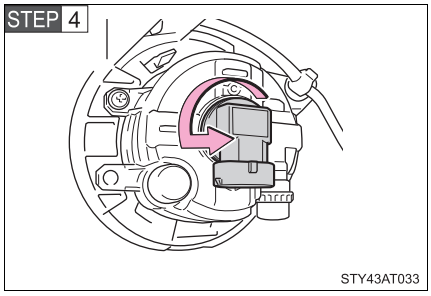
Remove the screws.



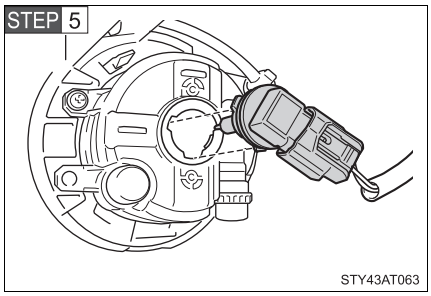
Partly remove the fender liner.



Unplug the connector while depressing the lock release.

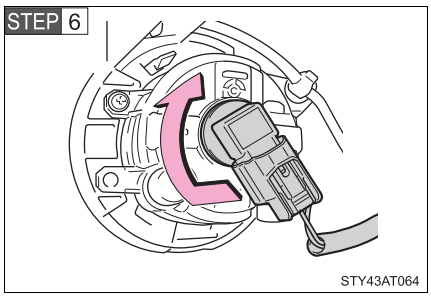


Turn the bulb base counterclockwise.



Replace the light bulb, and install the bulb base.

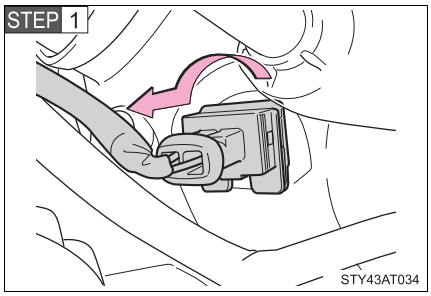
Align the 3 tabs on the light bulb with the mounting, and insert.



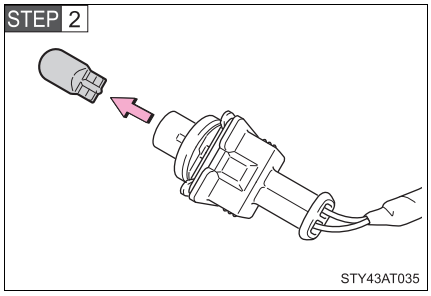
Turn and secure the bulb base.

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

■ Front position lights

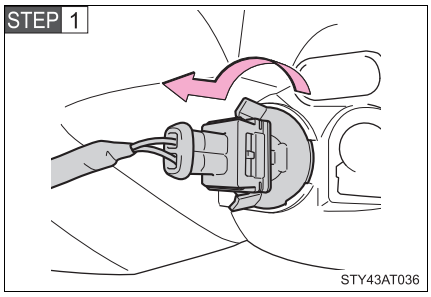


Turn the bulb base counterclockwise.

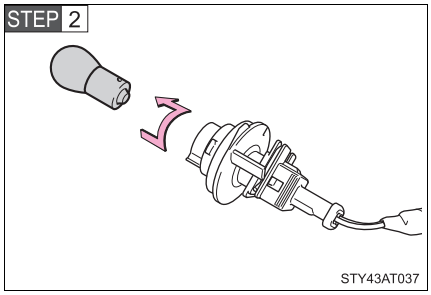


Remove the light bulb.

■ **Front turn signal lights**

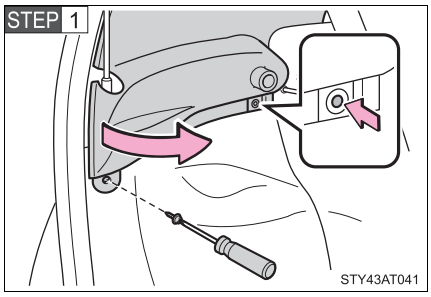


Turn the bulb base counterclockwise.

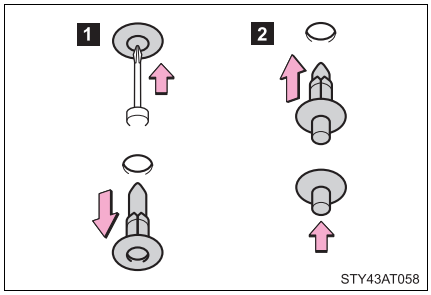


Remove the light bulb.

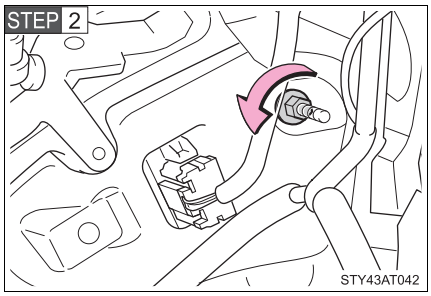
■ **Back-up light, stop/tail lights, rear turn signal lights and rear fog light**



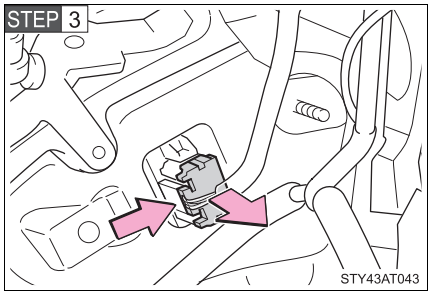
Open the back door and remove the cover using a Phillips-head screwdriver.



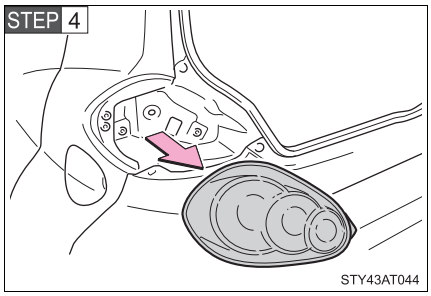
1 Removing the clip
2 Installing the clip



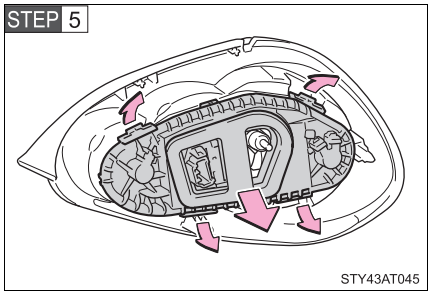
Remove the nut.



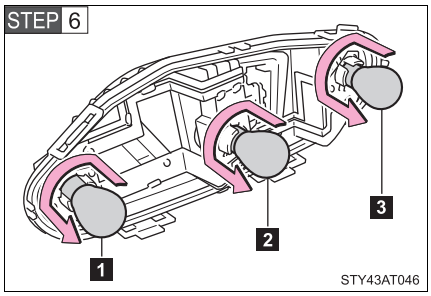
Unplug the connector while depressing the lock release.



Remove the rear combination lights assembly.



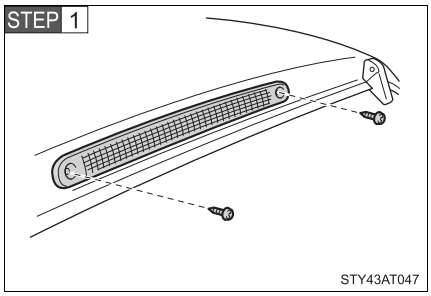
Remove the bulb base.



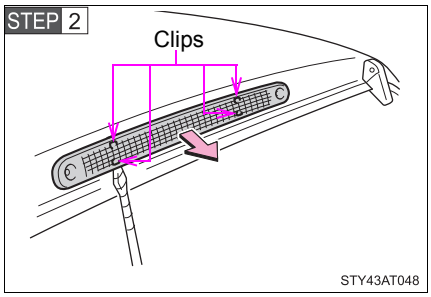
Remove the light bulb.

1 Stop/tail light
2 Rear turn signal light
3 Back-up light or rear fog light

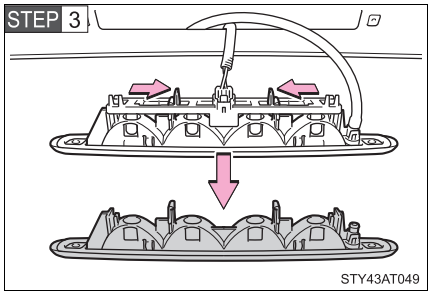
■ High mounted stoplight



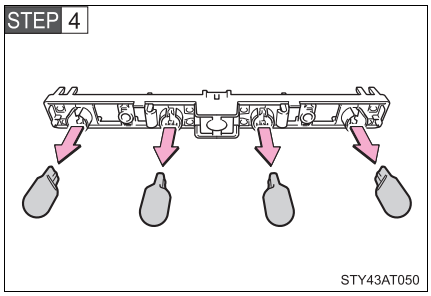
Remove the screws using a Phillips-head screwdriver.



Remove the clips by using a flat-head screwdriver with the tip wrapped in tape.



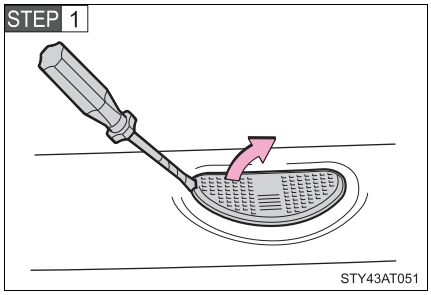
Remove the bulb base.



Remove the light bulbs.

■ **License plate lights**

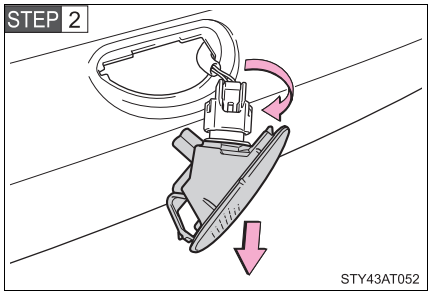
When the left bulb is needed to replace, detach the right side license plate light first. Then, remove the left side license plate light to replace the bulb.



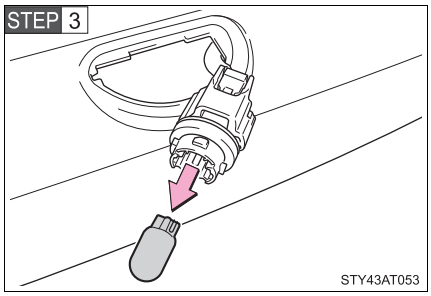
Remove the light.

Insert a properly sized screwdriver into the hole of the cover, and ply off the cover as shown in the illustration.

To prevent damaging the vehicle, wrap the screwdriver with a tape.



Turn the bulb base counterclockwise and remove the cover.



Remove the light bulb.

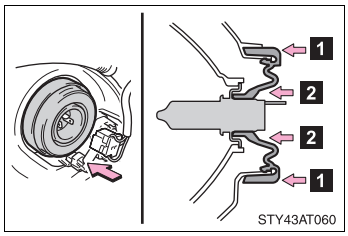
■ **Lights other than the above**

If any of the lights listed below has burnt out, have it replaced by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

- Side turn signal lights
- Daytime running lights (if equipped)

■ **When installing the rubber cover of the headlight**

Ensure the rubber cover is securely attached.



1 Fit the rubber cover outer circumference in firmly.

2 Fit the rubber cover around the light bulb in until the light bulb plug can be seen.

LED light bulbs

The daytime running lights (if equipped) consist of a number of LEDs. If any of the LEDs burn out, take your vehicle to any authorized Toyota dealer or repairer, or another duly qualified and equipped professional to have the light replaced.

Condensation build-up on the inside of the lens

Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional for more information in the following situations. Temporary condensation build-up on the inside of the headlight lens does not indicate a malfunction.

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

When replacing the license plate lights

Be careful not to drop the connector into the installation opening when disconnecting it. If the connector drops into the opening, please contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, because disassembly is required to pick it up.

CAUTION

Replacing light bulbs

- Turn off the lights. Do not attempt to replace the bulb immediately after turning off the lights.
  The bulbs become very hot and may cause burns.
- Do not touch the glass portion of the light bulb with bare hands. Hold the bulb by the plastic or metal portion.
  If the bulb is scratched or dropped, it may blow out or crack.
- Fully install light bulbs and any parts used to secure them. Failure to do so may result in heat damage, fire, or water entering the headlight unit. This may damage the headlights or cause condensation to build up on the lens.

To prevent damage or fire

Make sure bulbs are fully seated and locked.

When trouble arises

5

5-1. Essential information

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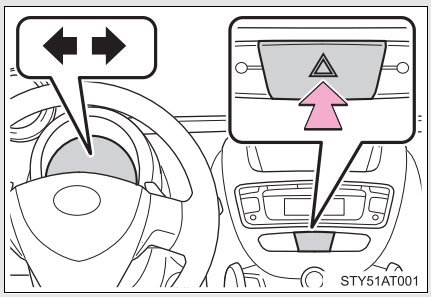
Emergency flashers

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



Press the switch.

All the turn signal lights will flash. To turn them off, press the switch once again.

Emergency flashers

If the emergency flashers are used for a long time while the engine is not operating, the battery may discharge.

If your vehicle needs to be towed

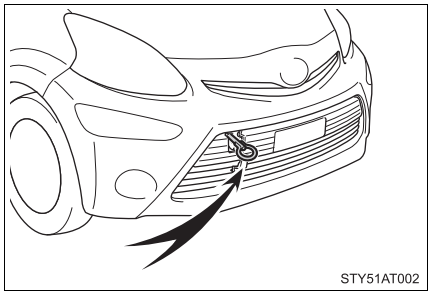
If towing is necessary, we recommend having your vehicle towed by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, such as a commercial towing service, using a lift-type truck or flatbed truck.
Use a safety chain system for all towing, and abide by all state/provincial and local laws.

Before towing

The following may indicate a problem with your transmission. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional before towing.

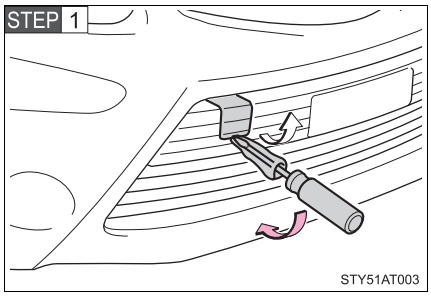
- The engine is running but the vehicle will not move.
- The vehicle makes an abnormal sound.

Emergency towing



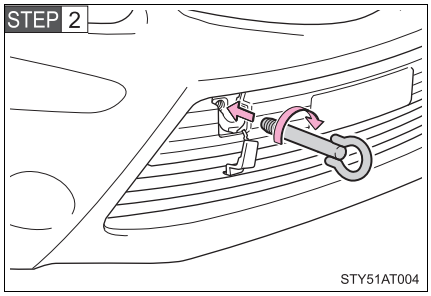
If a tow truck is not available in an emergency, your vehicle may be temporarily towed using a cable or chain secured to the emergency towing eyelet. This should only be attempted on hard surfaced roads for short distances at low speeds.
A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

Installing towing eyelet

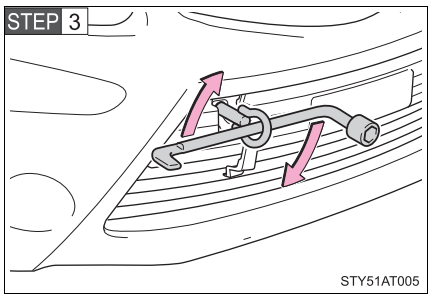


Remove the eyelet cover using a flathead screwdriver.

To protect the bodywork, place a rag between the screwdriver and the vehicle body as shown in the illustration.

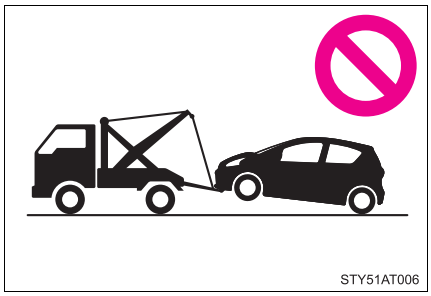


Insert the towing eyelet into the hole and tighten partially by hand.



Tighten down the towing eyelet securely using a wheel bolt wrench.

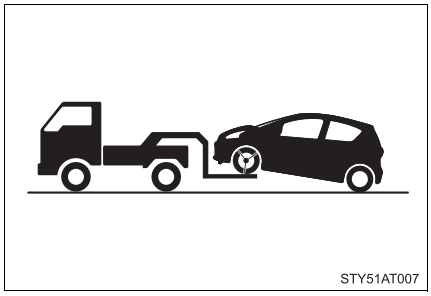
Towing with a sling-type truck



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

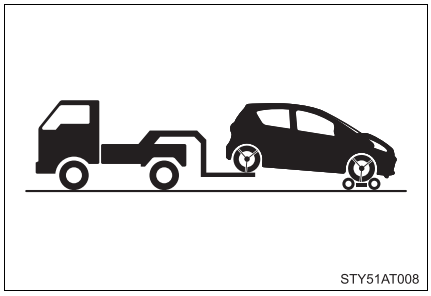
Towing with a wheel-lift type truck

From the front



Release the parking brake.

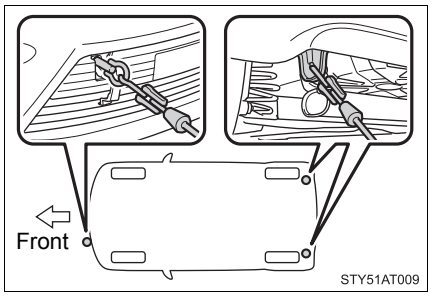
From the rear



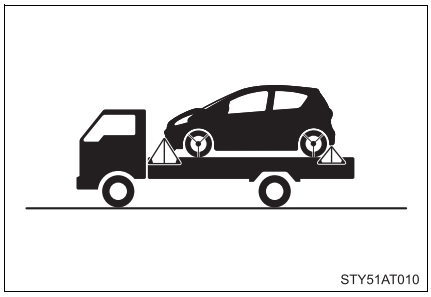
We recommend using a towing dolly under the front wheels.

When not using a towing dolly, turn the engine switch to the “ON” position (vehicles with a multi-mode manual transmission) or the “ACC” position (vehicles with a manual transmission) and shift the shift lever to N.

Using a flatbed truck



If your Toyota is transported by a flatbed truck, it should be tied down at the locations shown in the illustration.



If you use chains or cables to tie down your vehicle, the angles shaded in black must be 45°.

Do not overly tighten the tie downs or the vehicle may be damaged.

Before emergency towing

STEP 1 Release the parking brake.

STEP 2 Shift the shift lever to N.

STEP 3 Turn the engine switch to the “ACC” (engine off) or “ON” (engine running) position.

Emergency towing eyelet location

→P. 318

CAUTION

■ **Caution while towing**

- Use extreme caution when towing the vehicle.
  Avoid sudden starts or erratic driving maneuvers which place excessive stress on the emergency towing eyelets and the cables or chains. Always be cautious of the surroundings and other vehicles while towing.
- If the engine is not running, the power assist for the brakes and steering will not function, making steering and braking more difficult.

■ **Installing towing eyelet to the vehicle**

Make sure that towing eyelet is installed securely.
If not securely installed, towing eyelet may come loose during towing. This may lead to accidents that cause serious injury or even death.

NOTICE

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

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

■ **To prevent body damage when towing with a sling-type truck**

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

If you think something is wrong

If you notice any of the following symptoms, your vehicle probably needs adjustment or repair. Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

Visible symptoms

- Fluid leaks under the vehicle
  (Water dripping from the air conditioning after use is normal.)
- Flat-looking tires or uneven tire wear
- High engine coolant temperature warning light comes on
- “STOP” indicator flashes

Audible symptoms

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

Operational symptoms

- Engine misses, stumbling or running roughly
- Appreciable loss of power
- Vehicle pulls heavily to one side when braking
- Vehicle pulls heavily to one side when driving on a level road
- Loss of brake effectiveness, spongy feeling, pedal almost touches the floor

Fuel pump shut off system

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

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

STEP 1 Turn the engine switch to the “ACC” or “LOCK” position.

STEP 2 Restart the engine.

NOTICE

Before starting the engine

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

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

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

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

The following warning indicates a possible problem in the brake system. Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Warning light	Warning light/Details
	Brake system warning light • 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.

Stop the vehicle immediately.

- The following warnings indicate the possibility of damage to the vehicle that may lead to an accident. Immediately stop the vehicle in a safe place and contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Warning light	Warning light/Details
	Charging system warning light Indicates a malfunction in the vehicle's charging system.
	Low engine oil pressure warning light Indicates that the engine oil pressure is too low.
	High engine coolant temperature warning light Indicates that the engine is almost overheating. (→P. 336)
STOP (Flashes)	**"STOP" warning light** Indicates a malfunction in: • Engine oil pressure is too low; or • Engine is almost overheating.

- 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 take the specified steps to correct the suspected problem.

Warning light	Warning light/Details	Correction procedure
(Comes on) (If equipped)	**Multi-mode manual transmission warning light** Indicates a malfunction in the multi-mode manual transmission system.	Have the system checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
	Multi-mode manual transmission warning light (warning buzzer) Indicates a malfunction in the multi-mode manual transmission system and that the clutch has become hot due to excessive load.	Pull over and shift the shift lever to N. Wait for about 15 minutes for the clutch to cool down. Have the system checked by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

- Immediately stop the vehicle in a safe place and take the specified steps to correct the suspected problem.

Warning light	Warning light/Details	Correction procedure
(Flashes) (If equipped)	**Heat clutch warning light (warning buzzer)** Indicates that the clutch has become hot, but does not indicate a malfunction in the multi-mode manual transmission system.	Pull over and shift the shift lever to N. Wait for about 15 minutes for the clutch to cool down.

■ **To prevent the clutch from overheating**

- Do not use the accelerator pedal or starting assist system to hold the vehicle on a hill.
- On an uphill incline, observe the following whenever possible:
  - Maintain a safe distance from the vehicle ahead and avoid unnecessary starting off and stopping.
  - Avoid using E mode on an uphill slope. This will help to avoid unnecessary gear changes.

Have the vehicle inspected immediately.

Failure to investigate the cause of the following warnings may lead to the system operating abnormally and possibly cause an accident. Have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

Warning light	Warning light/Details
	Malfunction indicator lamp Indicates a malfunction in: • The electronic engine control system; • The electronic throttle control system; • The electronic multi-mode manual transmission control system (if equipped); or • The emission control system.
(Flashes)	**SRS warning light** Indicates a malfunction in: • The SRS airbag system; or • The seat belt pretensioner system.
	ABS warning light Indicates a malfunction in: • The ABS; or • The brake assist system (vehicles with VSC system).
P/S	**Electric power steering warning light (if equipped)** Indicates a malfunction in the EPS system.

Warning light	Warning light/Details
VSC	**“VSC” warning light (if equipped)** Indicates a malfunction in: • The VSC system; or • The TRC system.

Follow the correction procedures.

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

Warning light	Warning light/Details	Correction procedure
	Low fuel level warning light (warning buzzer) Flashes: Indicates that remaining fuel is about 5.25 L (1.4 gal., 1.1 Imp.gal.) or less. Flashes fast: Indicates that remaining fuel is about 3.5 L (0.9 gal., 0.7 Imp.gal.) or less.	Refuel the vehicle.
	Driver’s seat belt reminder light (warning buzzer)*1,*2 Warns the driver to fasten his or her seat belt.	Fasten the seat belt.
	Front passenger’s seat belt reminder light (warning buzzer)*2 (if equipped) Warns the front passenger to fasten his or her seat belt.	Fasten the seat belt.

*1: Driver's seat belt reminder:
The driver's seat belt buzzer sounds to alert the driver that his or her seat belt is not fastened. The buzzer sounds for 30 seconds after the vehicle has reached a speed of at least 20 km/h (12 mph). Then, if the seat belt is still unfastened, the buzzer will sound in a different tone for 90 more seconds.

*2: Driver's and front passenger's seat belt reminders:
The driver's and front passenger's seat belt buzzer sounds to alert the driver and/or front passenger that their seat belts are not fastened. The buzzer sounds for 30 seconds after the vehicle has reached a speed of at least 20 km/h (12 mph). Then, if the seat belt is still unfastened, the buzzer will sound in a different tone for 90 more seconds.

■ **Front passenger detection sensor and front passenger seat belt reminder**

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

■ **Electric power steering system warning light**

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

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

For some models, the malfunction indicator lamp will come on if the fuel tank becomes completely empty. If the fuel tank is empty, refuel the vehicle immediately. The malfunction indicator lamp will go off after several trips.

If the malfunction indicator lamp does not go off, contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, as soon as possible.

⚠ CAUTION

■ **When the electric power steering system warning light comes on**

The steering wheel may become extremely heavy.
If the steering wheel becomes heavier than usual when operating, hold firmly and operate using more force than usual.

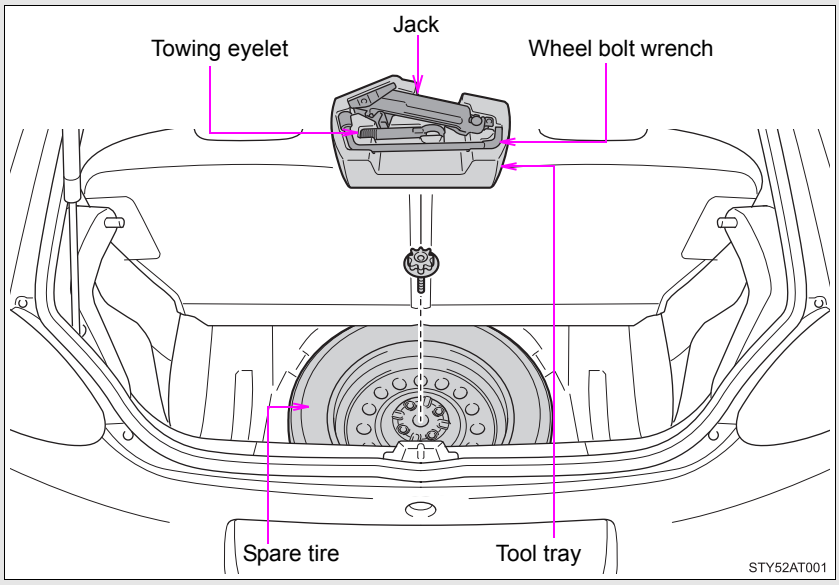
If you have a flat tire

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

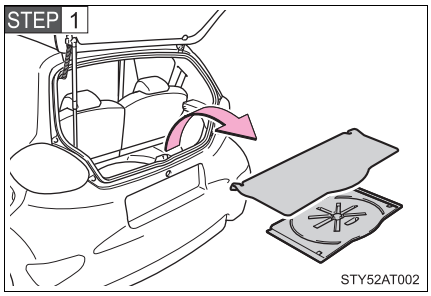
Before jacking up the vehicle

- Stop the vehicle on a hard, flat surface.
- Set the parking brake.
- Vehicles with a multi-mode manual transmission: Shift the shift lever to E, M or R.
- Vehicles with a manual transmission: Shift the shift lever to R.
- Stop the engine.
- Turn on the emergency flashers.

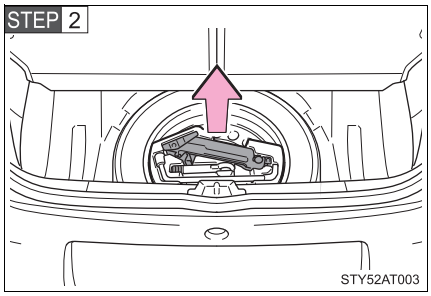
Location of the spare tire, jack and tools



Taking out the jack

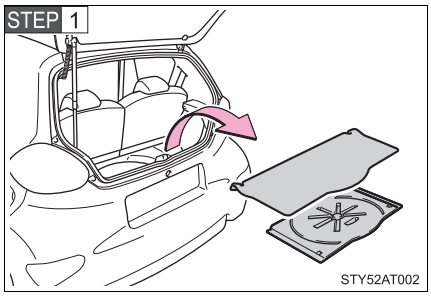


Remove the luggage floor cover and spare wheel cover.

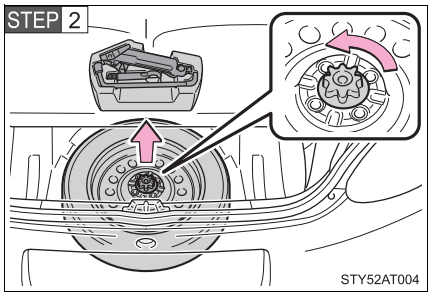


Take out the jack.

Taking out the spare tire

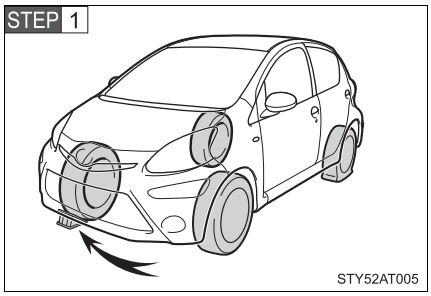


Remove the luggage floor cover and spare wheel cover.



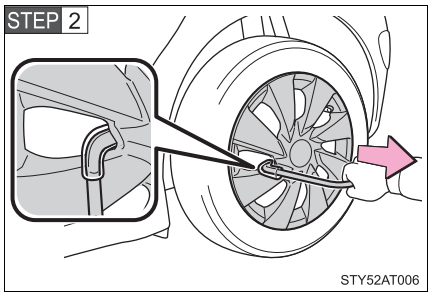
Remove the tool tray, then loosen the center fastener.

Replacing a flat tire



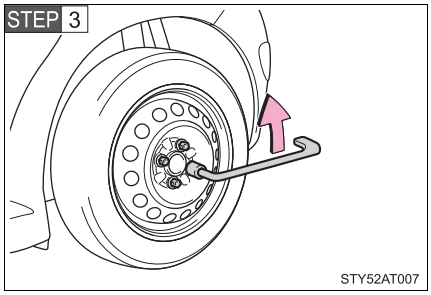
Chock the tires.

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

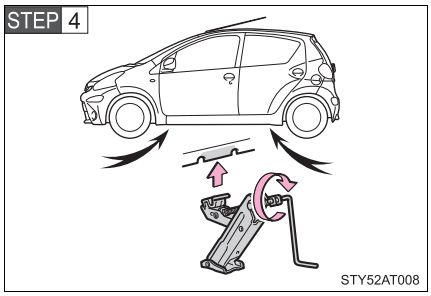


Vehicles with a steel wheel: Remove the wheel ornament using the wrench.

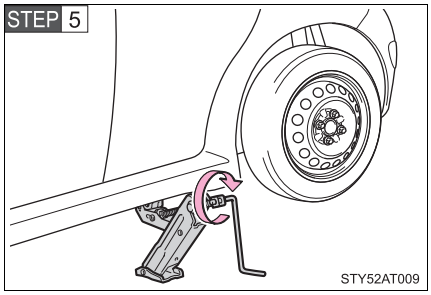
To protect the wheel ornament, place a rag between the wrench and the wheel ornament, as shown in the illustration.



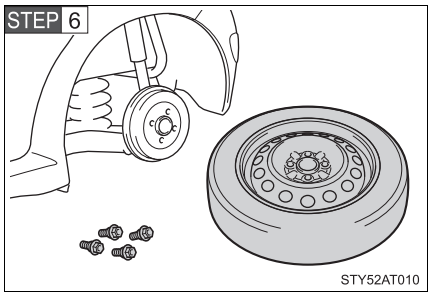
Slightly loosen the wheel bolts (one turn).



Turn the tire jack handle until the notch of the jack is in contact with the jack point.



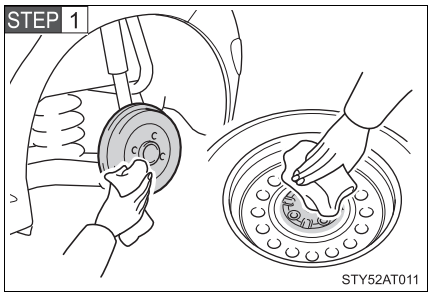
Raise the vehicle until the tire is slightly raised off the ground.



Remove all the wheel bolts 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.

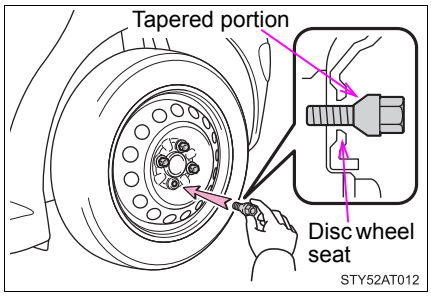
Installing the tire



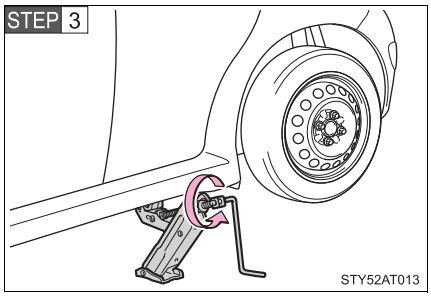
Remove any dirt or foreign matter from the wheel contact surface.

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

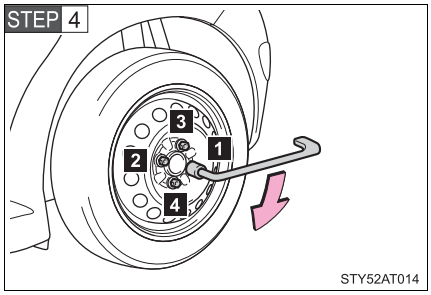
STEP 2 Install the tire and loosely tighten each wheel bolt by hand by approximately the same amount.



Tighten the wheel bolts until the tapered portion comes into loose contact with the disc wheel seat.



Lower the vehicle.

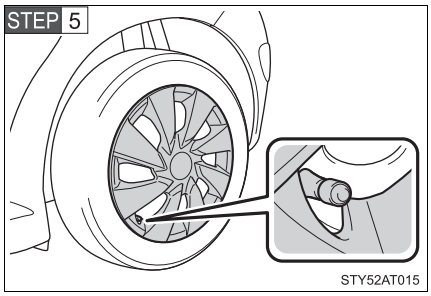


Firmly tighten each wheel bolt two or three times in the order shown in the illustration.

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

Do not use other tools or any additional leverage other than your hands, such as a hammer, pipe or your foot.

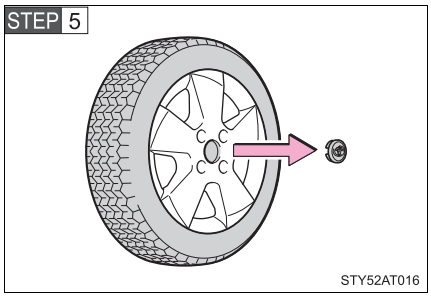
Vehicles with a steel wheels



Reinstall the wheel ornament.

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

Vehicles with an aluminum wheels



Remove the center wheel ornament by pushing from the reverse side.

Be careful not to lose the wheel ornament.

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

Certification for the jack

Ein Unternehmen von ThyssenKrupp Automotive

Krupp Bilstein Wagenheber

Interne Mitteilung

Von	Lothar Bai - WQ	Datum	05.07.00
An	WTE Wendt/Piva		
Zur Kenntnis	Dr. Köhler, Messerig (mit Anlage: Schreiben von Berufsgenossenschaft)		

CE-Konformitätserklärung

Nach dem Schreiben der Berufsgenossenschaft für Fahrzeughaltungen vom 08.06.2000 und dem Telefongespräch mit Herrn Heider am 30.06.2000 ist zukünftig mit der CE-Konformitätserklärung mit unseren Produkten folgendermaßen zu verfahren:

1. Wir, die Krupp Bilstein Wagenheber GmbH, bringen auf jeden Wagenheber eine CE-Kennzeichnung durch Einprägen an.
2. Bei der Erstbemusterung erklären wir durch eine CE-Konformitätserklärung dem Fahrzeughersteller die Konformität.

Unsere Kunden sind selbst verantwortlich für den entsprechenden Vermerk in der Betriebsanleitung, der auf die Konformität des Wagenhebers mit der Richtlinie 98/37/EG hinweist.

Unsere Kunden werden wir über diese Vorgehensweise informieren.

Mit freundlichen Grüßen
Qualitätsmanagement

Lothar Bai

EINGANG
05. Juli 2000
QM

CAUTION

Using the tire jack

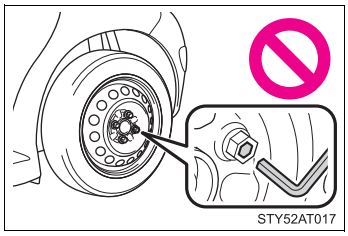
Improper use of the tire jack may cause the vehicle to suddenly fall off the jack, leading to death or serious injury.

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

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

CAUTION

Replacing a flat tire



- On vehicles with steel wheels, never use tools, such as an Allen wrench, that are used by applying them to a hexagonal concave portion of a bolt head. Doing so could cause bolt deformation and improper installation, and may result in serious injury.

- Observe the following precautions.
  Failure to do so may result in serious injury:
  - Do not try to remove the wheel ornament by hand. Take due care in handling the ornament to avoid unexpected personal injury.
  - Do not touch the disc wheels or the area around the brakes immediately after the vehicle has been driven.
    After the vehicle has been driven the disc wheels and the area around the brakes will be extremely hot. Touching these areas with hands, feet or other body parts while changing a tire, etc. may result in burns.
- Failure to follow these precautions could cause the wheel bolts to loosen and the tire to fall off, resulting in death or serious injury.
  - Never use oil or grease on the wheel bolts.
    Oil and grease may cause the wheel bolts to be excessively tightened, leading to bolt or disc wheel damage. Remove any oil or grease from the wheel bolts.
  - Have the wheel bolts tightened with a torque wrench to 103 N·m (10.5 kgf·m, 76 ft·lbf) as soon as possible after changing wheels.
  - When installing a tire, only use wheel bolts that have been specifically designed for that wheel.
  - If there are any cracks or deformations in the bolt screws, nut threads or bolt holes of the wheel, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

NOTICE

Do not drive the vehicle with a flat tire

Do not continue driving with a flat tire.
Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair.

If the engine will not start

If the engine will not start even though correct starting procedures are being followed (→P. 130), consider each of the following points:

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

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

- There may not be sufficient fuel in the vehicle's tank.
  Refuel the vehicle.
- The engine may be flooded.
  Try to restart the engine again following correct starting procedures. (→P. 130)
- There may be a malfunction in the engine immobilizer system. (→P. 73)

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

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

- The battery may be discharged. (→P. 332)
- The battery terminal connections may be loose or corroded.

■ **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:

- One or both of the battery terminals may be disconnected.
- The battery may be discharged. (→P. 332)

Contact any authorized Toyota dealer or repairer, or another duly qualified and equipped professional if the problem cannot be repaired, or if repair procedures are unknown.

If the shift lever cannot be shifted (vehicles with a multi-mode manual transmission)

If the shift lever cannot be shifted with your foot on the brake pedal, 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 any authorized Toyota dealer or repairer, or another duly qualified and equipped professional immediately.

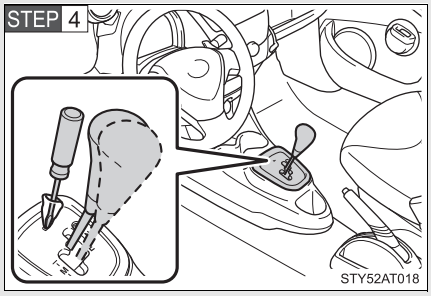
The following steps may be used as an emergency measure to ensure that the shift lever can be shifted:

STEP 1 Set the parking brake.

STEP 2 Turn the engine switch to the “ACC” position.

STEP 3 Depress the brake pedal.

STEP 4



Press the shift lock override button with a flathead screwdriver or equivalent.

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

If you lose your keys

New genuine Toyota keys can be made by any authorized Toyota dealer or repairer, and another duly qualified and equipped professional using the other key and the key number stamped on your key number plate.

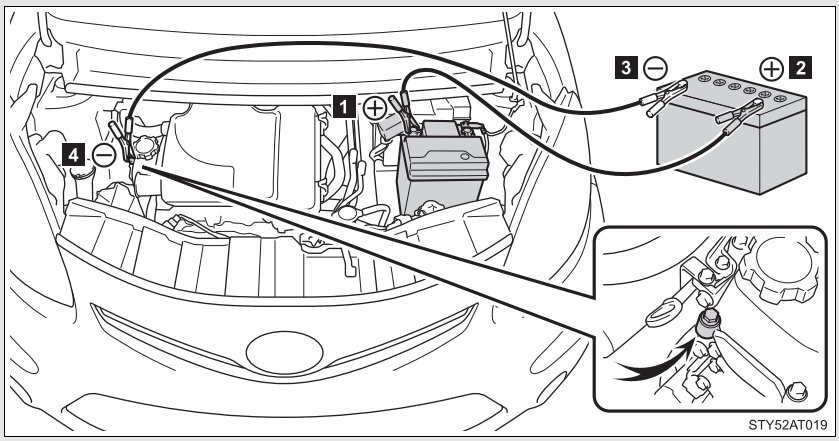
If the vehicle battery is discharged

The following procedures may be used to start the engine if the vehicle's battery is discharged.
You can also call any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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

STEP 1 Open the hood. (→P. 254)

STEP 2 Connect the jumper cables according to the following procedure:



1 Connect a positive jumper cable clamp to the positive (+) battery terminal on your vehicle.

2 Connect the clamp on the other end of the positive cable to the positive (+) battery terminal on the second vehicle.

3 Connect a negative cable clamp to the negative (-) battery terminal on the second vehicle.

4 Connect the clamp at the other end of the negative cable to a solid, stationary, unpainted metallic point away from the battery and any moving parts as shown in the illustration.

STEP 3 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 4 Maintain the engine speed of the second vehicle and turn the engine switch to the “ON” position, then start the vehicle’s engine.

STEP 5 Once the vehicle’s engine has started, remove the jumper cables in the exact reverse order from which they were connected.

Once the engine starts, have the vehicle inspected at any authorized Toyota dealer or repairer, or another duly qualified and equipped professional, as soon as possible.

■ **To prevent battery discharge**

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

■ **Charging the battery**

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

CAUTION

Avoiding battery fires or explosions

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

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

Battery precautions

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

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

To prevent damage to the vehicle

Do not pull- or push-start the vehicle as the three-way catalytic converter may overheat and become a fire hazard.

NOTICE

When handling jumper cables

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

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.

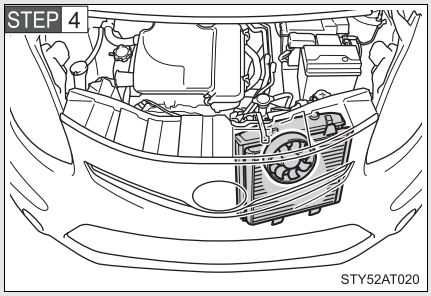
If you do not see steam:
Leave the engine running and carefully lift the hood.

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

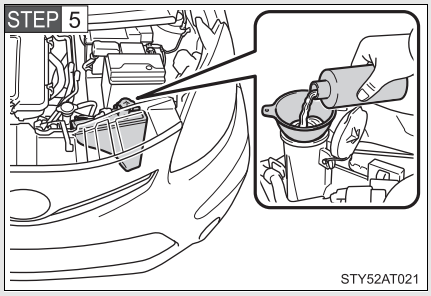
If the fan is operating:
Wait until the high engine coolant temperature warning light goes off and then stop the engine.

If the fan is not operating:
Stop the engine immediately and call any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

STEP 4



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



Add engine coolant if necessary.

Water can be used in an emergency if engine coolant is unavailable. (→P. 350)

Have the vehicle inspected at the nearest authorized Toyota dealer or repairer, or another duly qualified and equipped professional as soon as possible.

■ **Overheating**

If you observe the following, your vehicle may be overheating:

- The high engine coolant temperature warning light comes on or a loss of power is experienced.
- Steam comes out from under the hood.

⚠ CAUTION

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

- If steam is seen coming from under the hood, do not open the hood until the steam has subsided. The engine compartment may be very hot, causing serious injuries such as burns.
- Keep hands and clothing away from the fan and drive belt while the engine is running.
- 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

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.

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 to N.

STEP 2 Remove the mud, snow or sand from around the stuck tire.

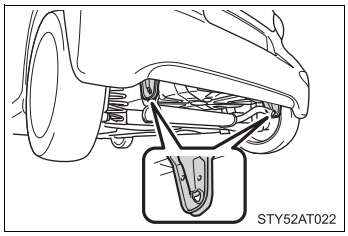
STEP 3 Place wood, stones or some other material under the tires to help provide traction.

STEP 4 Restart the engine.

STEP 5 Vehicles with a multi-mode manual transmission: Shift the shift lever to E, M or R and carefully apply the accelerator to free the vehicle.

Vehicles with a manual transmission: Shift the shift lever to 1 or R and carefully apply the accelerator to free the vehicle.

Emergency hook



When your vehicle becomes stuck and cannot move, the emergency hook is used for another vehicle to pull your vehicle out in an emergency.
Your vehicle is not designed to tow another vehicle.

CAUTION

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

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

■ **When shifting the shift lever (vehicles with a multi-mode manual transmission)**

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

NOTICE

■ **To avoid damage to the transmission and other components**

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

If your vehicle has to be stopped in an emergency

Only in an emergency, such as if it becomes impossible to stop the vehicle in the normal way, stop the vehicle using the following procedure:

STEP 1 Steadily step on the brake pedal with both feet and firmly depress it.

Do not pump the brake pedal repeatedly as this will increase the effort required to slow the vehicle.

STEP 2 Shift the shift lever to N.

If the shift lever is shifted to N

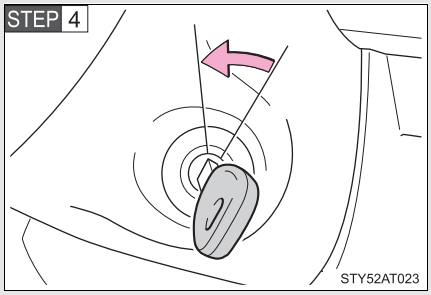
STEP 3 After slowing down, stop the vehicle in a safe place by the road.

STEP 4 Stop the engine.

If the shift lever cannot be shifted to N

STEP 3 Keep depressing the brake pedal with both feet to reduce vehicle speed as much as possible.

STEP 4



Stop the engine by turning the engine switch to the “ACC” position.

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

CAUTION

If the engine has to be turned off while driving

- Power assist for the brakes and steering wheel will be lost, making the brake pedal harder to depress and the steering wheel heavier to turn. Decelerate as much as possible before turning off the engine.
- Never attempt to remove the key, as doing so will lock the steering wheel.

Vehicle specifications 6

6-1. Specifications
Maintenance data (fuel, oil level, etc.)..... 344
Fuel information..... 355

Dimensions and weights

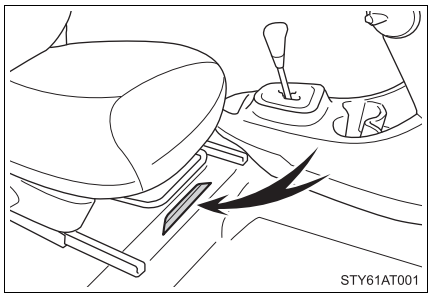
Overall length		3430 mm (135.0 in.)
Overall width		1615 mm (63.6 in.)
Overall height*1		1465 mm (57.7 in.)
Wheelbase		2340 mm (92.1 in.)
Tread	Front	1420 mm (55.9 in.)
	Rear	1410 mm (55.5 in.)
Gross vehicle mass		1180 kg (2601 lb.)*2 1190 kg (2623 lb.)*3
Maximum permissible axle capacity	Front	695 kg (1532 lb.)
	Rear	695 kg (1532 lb.)

*1: Unladen vehicles
*2: 3-door models
*3: 5-door models

Vehicle identification

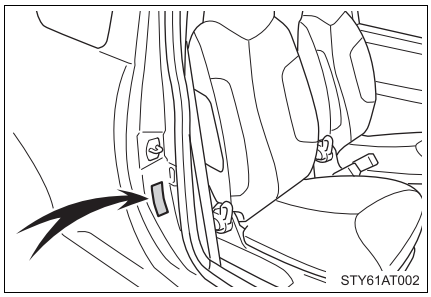
Vehicle identification number

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



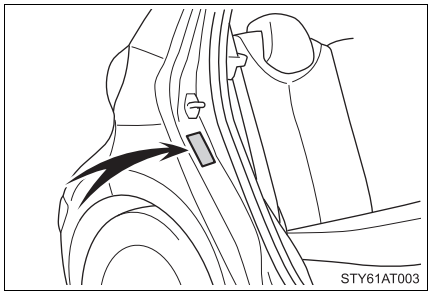
This number is stamped under the right-hand front seat.

3-door models



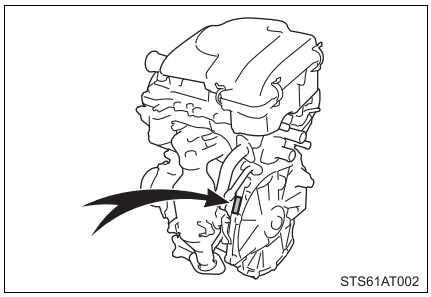
This number is also on the manufacturer's label on the right-hand side center pillar.

5-door models



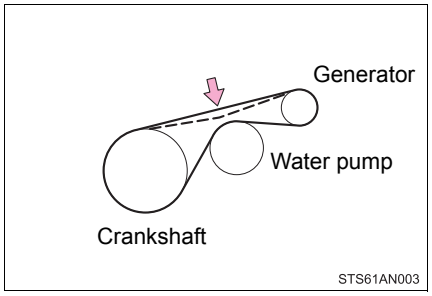
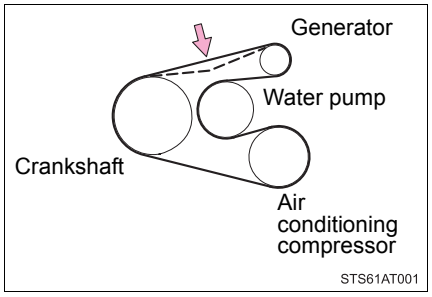
This number is also on the manufacturer's label on the right-hand side rear pillar.

■ Engine number



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

Engine

Model	1KR-FE
Type	3-cylinder in line, 4-cycle, gasoline
Bore and stroke	71.0 × 84.0 mm (2.79 × 3.30 in.)
Displacement	998 cm^3 (60.9 cu.in.)
Valve clearance (engine cold)	Intake: 0.145 — 0.235 mm (0.006 — 0.009 in.) Exhaust: 0.275 — 0.365 mm (0.011 — 0.014 in.)
Drive belt tension	9.0 — 11.0 mm (0.35 — 0.43 in.)* Vehicles without an air conditioning system:  Vehicles with an air conditioning system: 

*: Drive belt deflection with 98 N (10 kgf, 22 lbf) thumb force (used belt)

Fuel

Fuel type	EU area: Unleaded gasoline conforming to European standard EN228 only Except EU area: Unleaded gasoline only
Research octane number	95 or higher
Fuel tank capacity (Reference)	35 L (9.2 gal., 7.7 Imp.gal.)

Lubrication system

Oil capacity (Drain and refill — reference*)	
With filter	3.3 L (3.5 qt., 2.9 Imp.qt.)
Without filter	3.1 L (3.3 qt., 2.7 Imp.qt.)

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

■ **Engine oil selection**

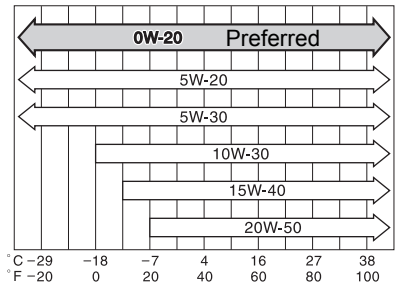
“Toyota Genuine Motor Oil” is used in your Toyota vehicle. Toyota recommends the use of approved “Toyota Genuine Motor Oil”. Another motor oil of matching quality can also be used.

Oil grade:

0W-20, 5W-20, 5W-30 and 10W-30:
API grade SL “Energy-Conserving”, SM “Energy-Conserving”, SN “Resource-Conserving” or ILSAC multigrade engine oil

15W-40 and 20W-50:
API grade SL, SM or SN multigrade engine oil

Recommended viscosity (SAE):



Temperature range anticipated before next oil change.

ITNOIL059

SAE 0W-20 is filled into your Toyota vehicle at manufacturing, and better choice for good fuel economy and good starting in cold weather.

If SAE 0W-20 oil is not available, SAE 5W-30 oil may be used. However, it should be replaced with SAE 0W-20 at the next oil change.

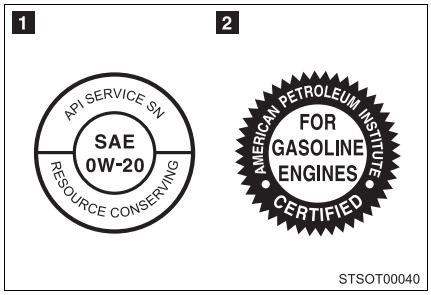
If you use SAE 10W-30 or a higher viscosity engine oil in extremely low temperatures, the engine may become difficult to start, so SAE 5W-30 or lower viscosity engine oil is recommended.

Oil viscosity (0W-20 is explained here as an example):

- The 0W in 0W-20 indicates the characteristic of the oil which allows cold startability. Oils with a lower value before the W allow for easier starting of the engine in cold weather.
- The 20 in 0W-20 indicates the viscosity characteristic of the oil when the oil is at high temperature. An oil with a higher viscosity (one with a higher value) may be better suited if the vehicle is operated at high speeds, or under extreme load conditions.

How to read oil container labels:

Either or both API registered marks are added to some oil containers to help you select the oil you should use.



1 API Service Symbol

Top portion: The oil quality designation by API (American Petroleum Institute) (SN)

Center portion: The SAE viscosity grade (SAE 0W-20)

Lower portion: “Resource-Conserving” means that the oil has fuel saving and environmental protection capabilities.

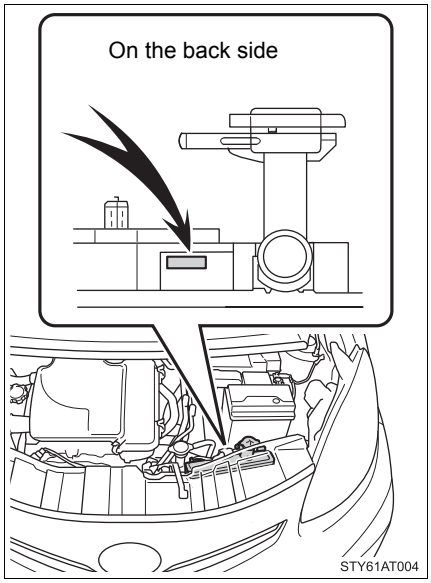
2 ILSAC Certification Mark

The ILSAC (International Lubricant Standardization and Approval Committee) Certification Mark is displayed on the front of the container.

Cooling system

Capacity (Reference)	0Q07*: 4.4 L (4.6 qt., 3.9 Imp.qt.) 0Q01, 0Q02*: 4.0 L (4.2 qt., 3.5 Imp.qt.)
Coolant type	Use either of the following: • “Toyota Super Long Life Coolant” • A similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology Do not use plain water alone.

*: The identification code are stamped on the locations shown in the below illustration.



Ignition system

Spark plug Make Gap	 DENSO SK16HR11 1.1 mm (0.043 in.)

NOTICE

Iridium-tipped spark plugs

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

Electrical system

Battery Open voltage* at 20°C (68°F):	 12.6 — 12.8 V Fully charged 12.2 — 12.4 V Half charged 11.8 — 12.0 V Discharged (*: Voltage checked 20 minutes after the engine and all the lights are turned off)
Charging rates	5 A max.

Manual transmission

Gear oil capacity (Reference)	1.7 L (1.8 qt., 1.5 Imp.qt.)
Gear oil type	Use either of the following: • “TOYOTA Genuine Manual Transmission Gear Oil LV” • Other gear oil that meets API GL-4 and SAE 75W specifications

NOTICE

Manual transmission gear oil

Please be aware that depending on the particular characteristics of the gear oil used or the operating conditions, idle sound, shift feeling and/or fuel efficiency may be different or affected. Toyota recommends to use “TOYOTA Genuine Manual Transmission Gear Oil LV” to achieve optimal performance.

Clutch

Pedal free play	18 — 28 mm (0.7 — 1.1 in.)

Brakes

Pedal clearance*1	Left-hand drive vehicles: 84 mm (3.3 in.) Right-hand drive vehicles: 77 mm (3.0 in.)
Pedal free play	1 — 6 mm (0.04 — 0.24 in.)
Parking brake lever travel *2	5 — 8 clicks
Fluid type	SAE J1704 or FMVSS No.116 DOT 4

*1: Minimum pedal clearance when depressed with a force of 490 N (50 kgf, 110 lbf) while the engine is running

*2: Parking brake lever travel when pulled up with a force of 196 N (20 kgf, 44 lbf)

Steering

Free play	Less than 30 mm (1.2 in.)

Tires and wheels

Tire size	155/65R14 75T		
Tire inflation pressure (Recommended cold tire inflation pressure)	Vehicle speed	Front wheel kPa (kgf/cm^2 or bar, psi)	Rear wheel kPa (kgf/cm^2 or bar, psi)
	More than 160 km/h (100 mph)	230 (2.3, 34)	230 (2.3, 34)
	160 km/h (100 mph) or less	220 (2.2, 32)	220 (2.2, 32)
Wheel size	14 × 4 1/2J		
Wheel bolt torque	103 N·m (10.5 kgf·m, 76 ft·lbf)		

Light bulbs

	Light Bulbs	W	Type
Exterior	Headlights	60/55	A
	Front turn signal lights	21	D
	Front position lights	5	E
	Front fog lights (if equipped)	55	B
	Side turn signal lights	5	—
	Rear turn signal lights	21	C
	Stop/tail lights	21/5	C
	License plate lights	5	E
	Back-up lights	21	C
	Rear fog lights	21	C
	High mounted stoplight	5	E
Interior	Interior light	5	E

A: H4 halogen bulbs
B: H11 halogen bulbs
C: Single end bulbs (clear)
D: Single end bulbs (amber)
E: Wedge base bulbs (clear)

Fuel information

EU area:
Your vehicle must use only unleaded gasoline conforming to European standard EN228. For optimum engine performance, select unleaded gasoline with a Research Octane Number of 95 or higher.

Except EU area:
Your vehicle must use only unleaded gasoline. For optimum engine performance, select unleaded gasoline with a Research Octane Number of 95 or higher.

Fuel tank opening for unleaded gasoline

To help prevent incorrect fueling, your vehicle has a fuel tank opening that only accommodates the special nozzle on unleaded fuel pumps.

If your engine knocks

- Consult any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- You may occasionally notice light knocking for a short time while accelerating or driving uphill. This is normal and there is no need for concern.

NOTICE

Notice on fuel quality

- Do not use improper fuels. If improper fuels are used, the engine will be damaged.
- Do not use leaded gasoline.
  Leaded gasoline will cause the three-way catalytic converter to lose its effectiveness and the emission control system to function improperly.
- Gasoline engine (EU area): Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. The use of these fuels will damage the vehicle’s fuel system. In case of any doubt, ask any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.
- Gasoline engine (except EU area): Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. Your vehicle can use gasoline mixed with 10% max ethanol. The use of fuel with more than 10% ethanol content (E10) will damage the vehicle’s fuel system. You must ensure that refueling is carried out only from a source where fuel specification and quality can be guaranteed. In case of any doubt, ask any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

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Abbreviation/Acronym list

ABBREVIATIONS	MEANING
A/C	Air Conditioning
ABS	Anti-lock Brake System
ACC	Accessory
CRS	Child Restraint System
ECU	Electronic Control Unit
ELR	Emergency Locking Retractor
EPS	Electric Power Steering
GVM	Gross Vehicle Mass
LED	Light Emitting Diode
MPAC	Maximum Permissible Axle Capacity
SRS	Supplemental Restraint System
TRC	Traction Control
TWI	Treadwear Indicators
VIN	Vehicle Identification Number
VSC	Vehicle Stability Control

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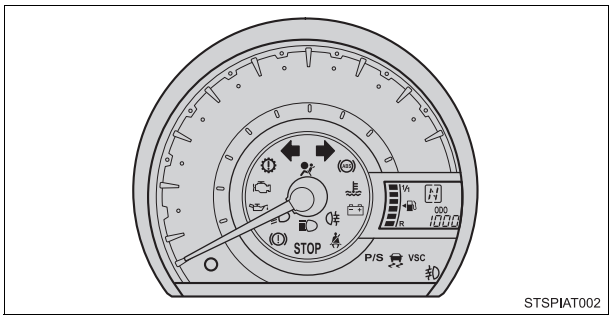
Instrument cluster



Warning lights

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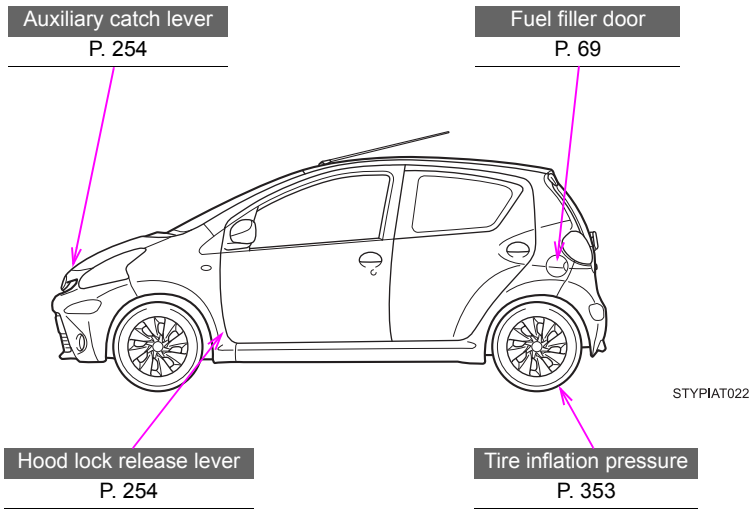
*: The light flashes to indicate a malfunction.

GAS STATION INFORMATION



Fuel tank capacity (Reference)	35 L (9.2 gal., 7.7 Imp.gal.)
Fuel type	EU area: Unleaded gasoline conforming to European standard EN228, Research Octane Number of 95 or higher Except EU area: Unleaded gasoline, Research Octane Number of 95 or higher
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