FOREWORD

This manual should be considered as a permanent part of the vehicle and should remain with the vehicle when resold or otherwise transferred to a new owner or operator. Please read this manual carefully before operating your new TOYOTA vehicle and review the manual from time to time. It contains important information on safety, operation and maintenance.

TOYOTA MOTOR CORPORATION

All information in this manual is based on the latest product information available at the time of publication. Due to improvements or other changes, there may be discrepancies between information in this manual and your vehicle. TOYOTA MOTOR CORPORATION reserves the right to make production changes at any time, without notice and without incurring any obligation to make the same or similar changes to vehicles previously built or sold.

This vehicle may not comply with standards or regulations of other countries. Before attempting to register this vehicle in any other country, check all applicable regulations and make any necessary modifications.

IMPORTANT

⚠WARNING/⚠CAUTION/*NOTICE*/ *NOTE*

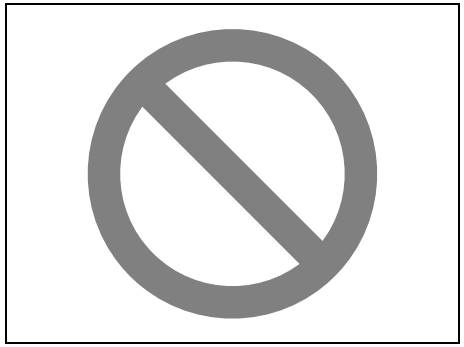
Please read this manual and follow its instructions carefully. To emphasize special information, the symbol ⚠ and the words **WARNING**, **CAUTION**, ***NOTICE*** and *NOTE* have special meanings. Pay particular attention to messages highlighted by these signal words:

⚠ WARNING
Indicates a potential hazard that could result in death or serious injury.

⚠ CAUTION
Indicates a potential hazard that could result in minor or moderate injury.

NOTICE
Indicates a potential hazard that could result in vehicle damage.

NOTE:
Indicates special information to make maintenance easier or instructions clearer.



75F135

The circle with a slash in this manual means “Do not do this” or “Do not let this happen”.

MODIFICATION WARNING

⚠ WARNING

Do not modify this vehicle. Modification could adversely affect safety, handling, performance, or durability and may violate governmental regulations. In addition, damage or performance problems resulting from modification may not be covered under warranty.

NOTICE

Improper installation of mobile communication equipment such as cellular telephones, CB (Citizen’s Band) radios or any other wireless transmitters may cause electronic interference with your vehicle’s ignition system or any other electrical systems, resulting in vehicle performance problems. Consult Your Toyota Dealer for advice.

NOTICE

The diagnostic connector of your vehicle is prepared only for the specific diagnostic tool for inspection and service purpose. Connecting any other tool or device may interfere with electronic parts operations and cause running out of batteries.

INTRODUCTION

Thank you for choosing TOYOTA and welcome to our growing family. Your choice was a wise one; TOYOTA products are a great value that will give you years of driving pleasure.

This Owner's Manual was prepared to help you have a safe, enjoyable, and trouble-free experience with your TOYOTA. In it you will learn about the vehicle's operation, its safety features and maintenance requirements. Please read it carefully before operating your vehicle. Afterwards, keep this Manual in the glove box for future reference.

Should you resell the vehicle, please leave this Manual with it for the next owner.

In addition to the Owner's Manual, the other booklets provided with your TOYOTA explain the vehicle's warranties. We recommend you read them as well to familiarize yourself with this important information.

When planning the regular scheduled maintenance of your TOYOTA, we recommend you visit your local Your Toyota Dealer. Their factory-trained technicians will provide the best possible service and use only genuine TOYOTA parts and accessories.

This Owner's Manual explains both the vehicle with gasoline (petrol) engine specifications and the vehicle with the hybrid system specifications.
For the contents only for either of these vehicles, the target specification is concretely written.
For the common contents for both vehicles, however, no specification is written.

NOTE:
- *"Your Toyota Dealer" means an Authorized Toyota Dealer and an Authorized Toyota Service Workshop.*
- *The illustrations in this manual represent a typical variation, which may differ from your vehicle.*

TOYOTA MOTOR CORPORATION

Vehicle Data Recordings

There are certain components of your vehicle (the “Vehicle”) incorporating data storage modules or memories, which temporarily or permanently store the technical data below listed. These data are exclusively technical and serve for (i) identifying and correcting faults occurred in the Vehicle and/or (ii) optimizing functions of the Vehicle.

Recorded data

- Malfunctions, faults, and errors in important system components. (e.g. lights, brakes)
- Reactions of the vehicle in certain situations (e.g. inflation of SRS airbags, activation of stability control system).
- Operating conditions of system components (e.g. filling levels).
- Status messages of the vehicle and its individual components (e.g. vehicle speed, acceleration, deceleration, lateral acceleration).
- Ambient conditions (e.g. outside temperature).

Recorded data vary depending on vehicle model or grade.

RECOMMENDATION OF GENUINE TOYOTA PARTS AND ACCESSORIES USE

TOYOTA strongly recommends the use of genuine TOYOTA parts and accessories. Genuine TOYOTA parts and accessories are built to the highest standards of quality and performance, and are designed to fit your vehicle's exact specifications.

A wide variety of non-genuine replacement parts and accessories for TOYOTA vehicles are currently available in the market. Using these parts and accessories can affect the vehicle performance and shorten its useful life. Therefore, installation of non-genuine TOYOTA parts and accessories is not covered under warranty.

Non-Genuine TOYOTA Parts and Accessories

Some parts and accessories may be approved by certain authorities in your country.
Some parts and accessories are sold as TOYOTA-authorized replacement parts and accessories. Some genuine TOYOTA parts and accessories are sold as re-use parts and accessories. These parts and accessories are non-genuine TOYOTA parts and accessories and use of these parts is not covered under warranty.

Re-use of Genuine TOYOTA Parts and Accessories

The resale or re-use of the following items which could give rise to safety hazards for users is expressly forbidden:

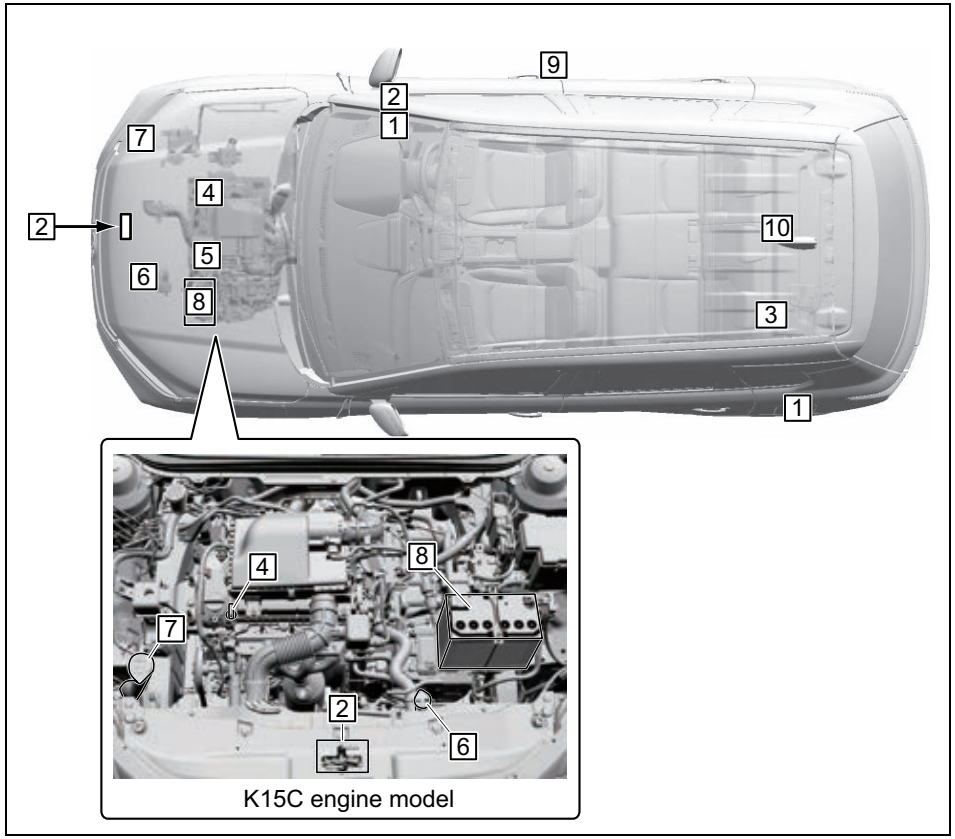
- Airbag components and all other pyrotechnic items, including their components (e.g. cushion, control devices and sensors)
- Seat belt system, including their components (e.g. webbing, buckles, and retractors)

The airbag and seat belt pretensioner components contain explosive chemicals. These components should be removed and disposed of properly by Your Toyota Dealer to avoid unintended explosion before scrapping.

SERVICE STATION GUIDE

1. Fuel (see section 7)
2. Engine hood (see section 7)
3. Tyre changing tools (see section 10)
4. Engine oil dipstick (see section 9)
5. Automatic transmission fluid dipstick (for A/T model) (see section 9)
6. Engine coolant (see section 9)
7. Windshield washer fluid (see section 9)
8. Lead-acid battery (see section 9)
9. Tyre pressure (see Tyre Information Label on driver's door lock pillar)
10. Flat tyre repair kit (see section 10)

The image on the right box is a typical example; it depends on the vehicle type.



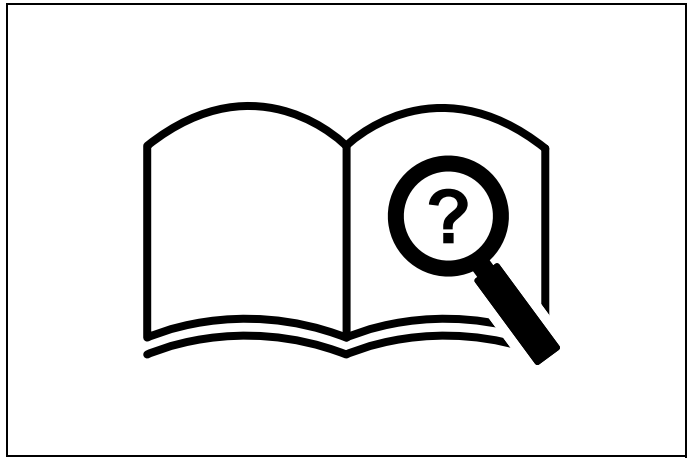
K15C engine model

76TS0021

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MEMO



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QUICK GUIDE

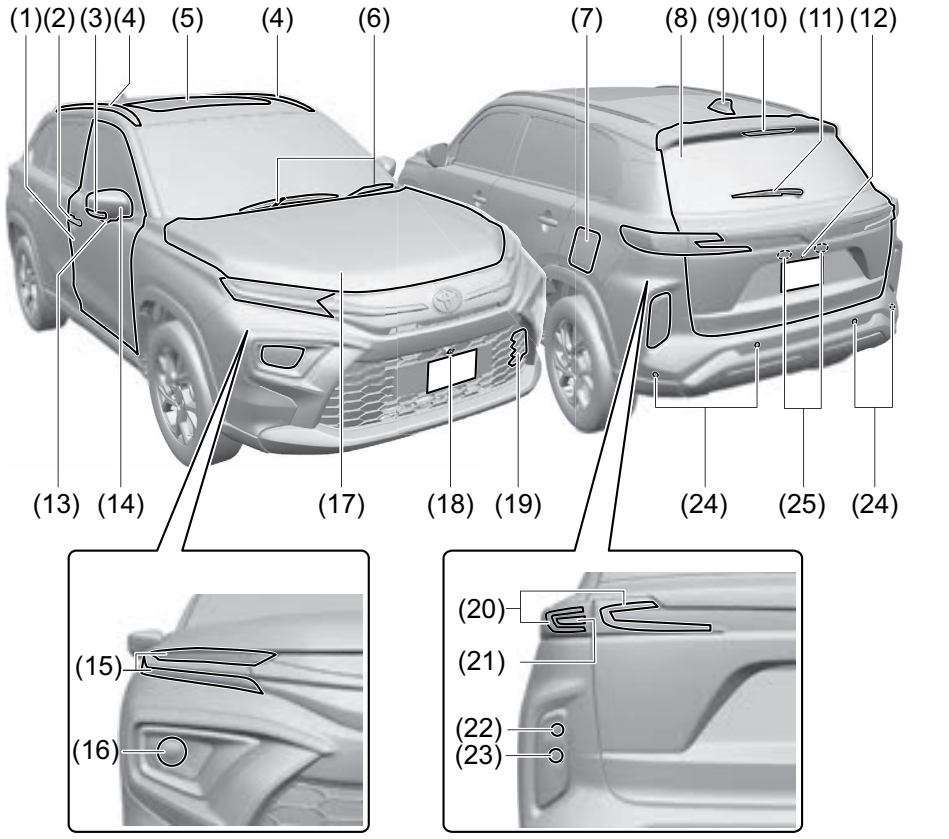
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1

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(23) Reversing Light (P.9-48)
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76TS10220

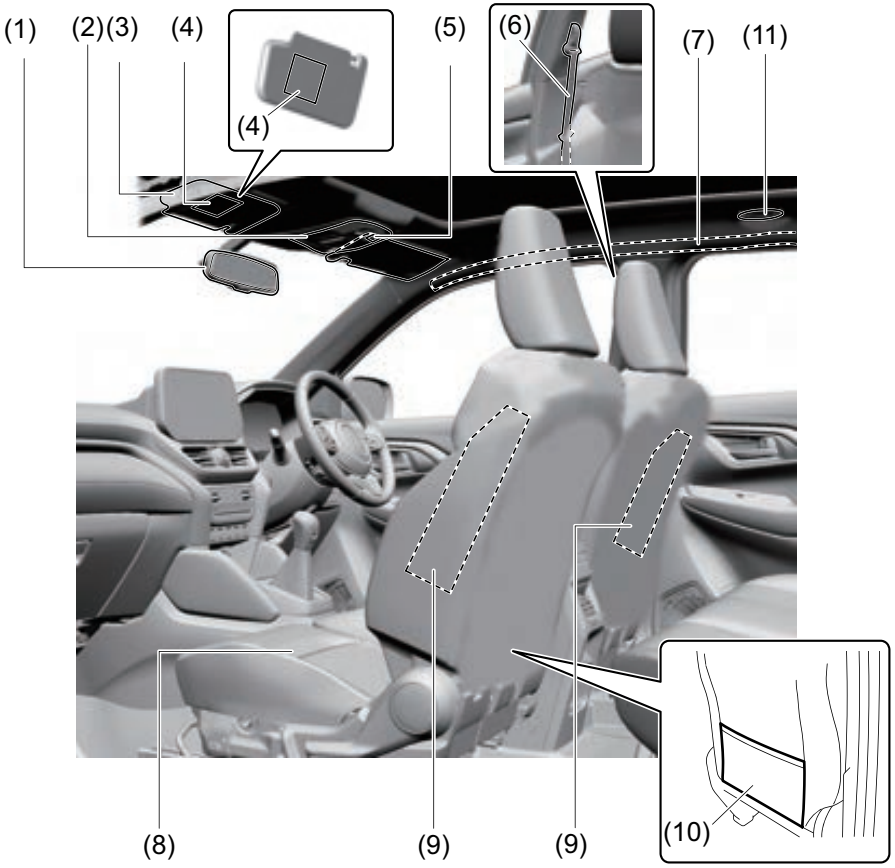
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*1: Be sure to read the detailed information in the target page before using a child restraint system.
*2: NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.



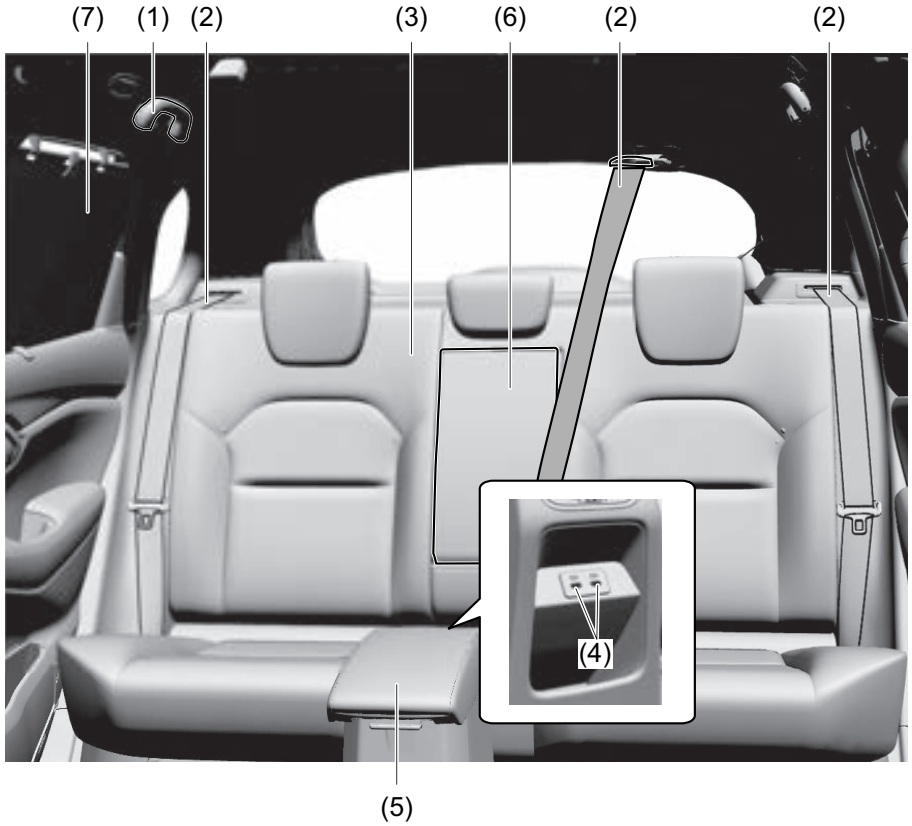
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76TS10140

Interior, Rear

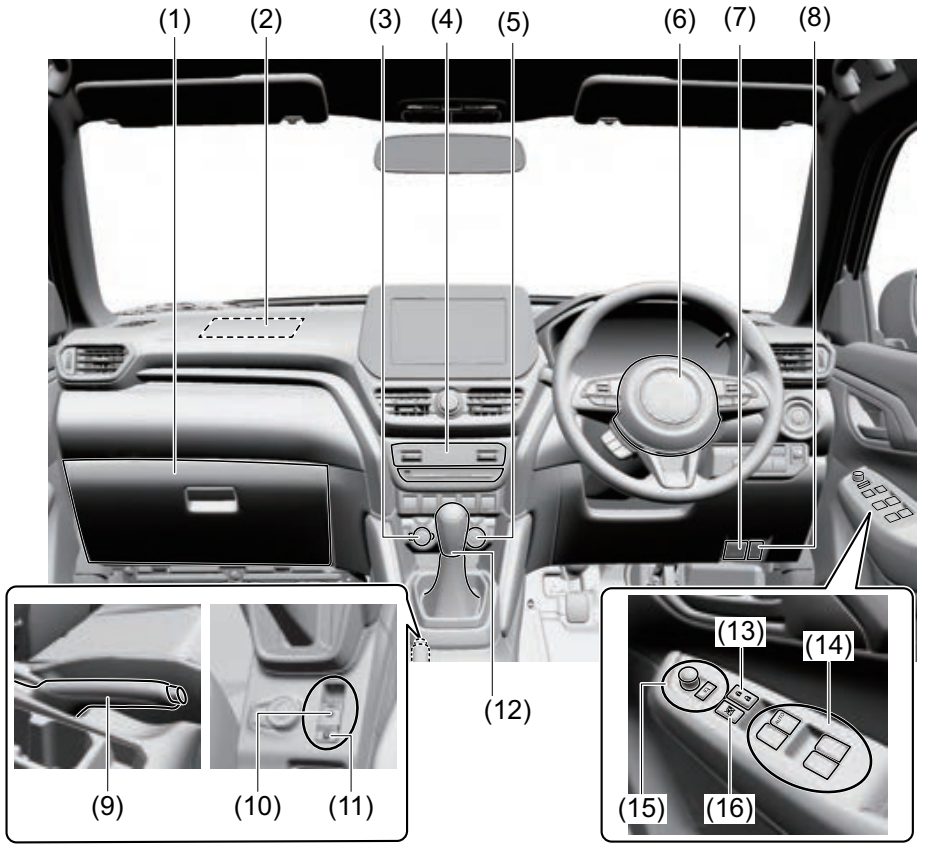
(1) Assist Grip (P.7-21)
(2) Seat Belt (P.2-20)
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76TS10211

Interior, Front

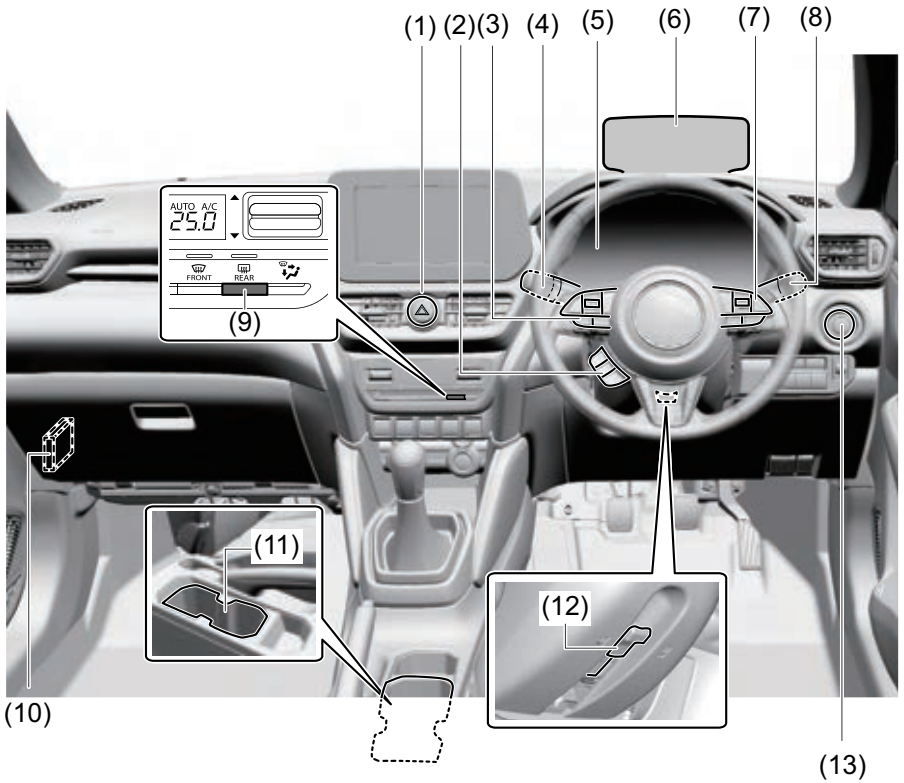
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76TS10010

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(3) Remote Audio Controls (P.7-45)
(4) Windshield Wiper and Washer Lever (P.3-25)/
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(6) Head-up Display (if equipped) (P.5-71)
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(8) Lighting Control Lever (P.3-19)/
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(13) Engine Switch / Power Switch (P.5-3)

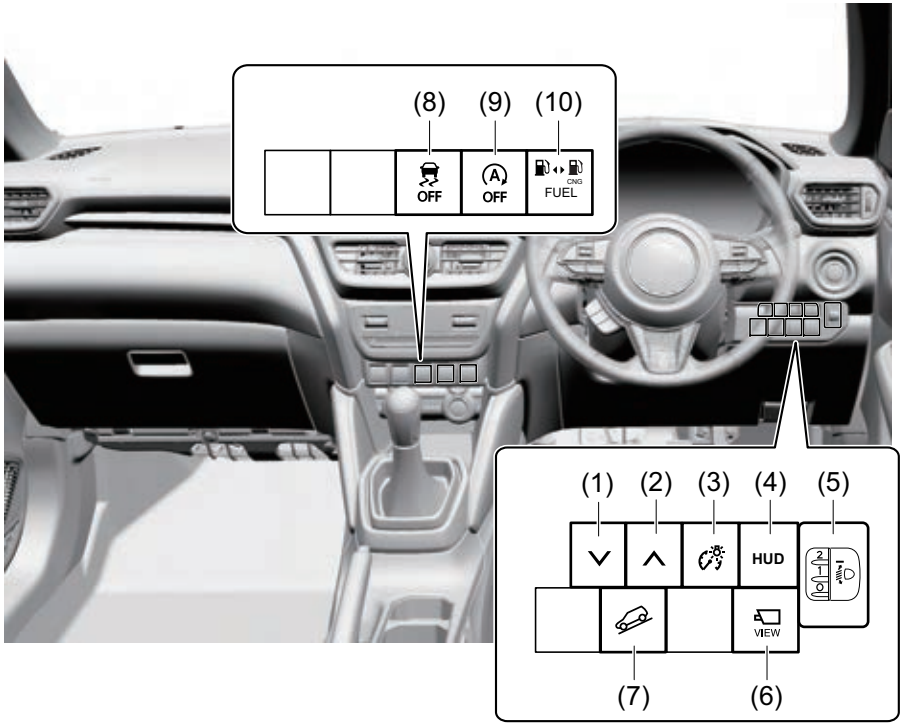


76TS10020

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(3) Brightness Control Switch* (if equipped) (P.5-71)
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(5) Headlight Leveling Switch (P.3-23)
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*: For Head-up display

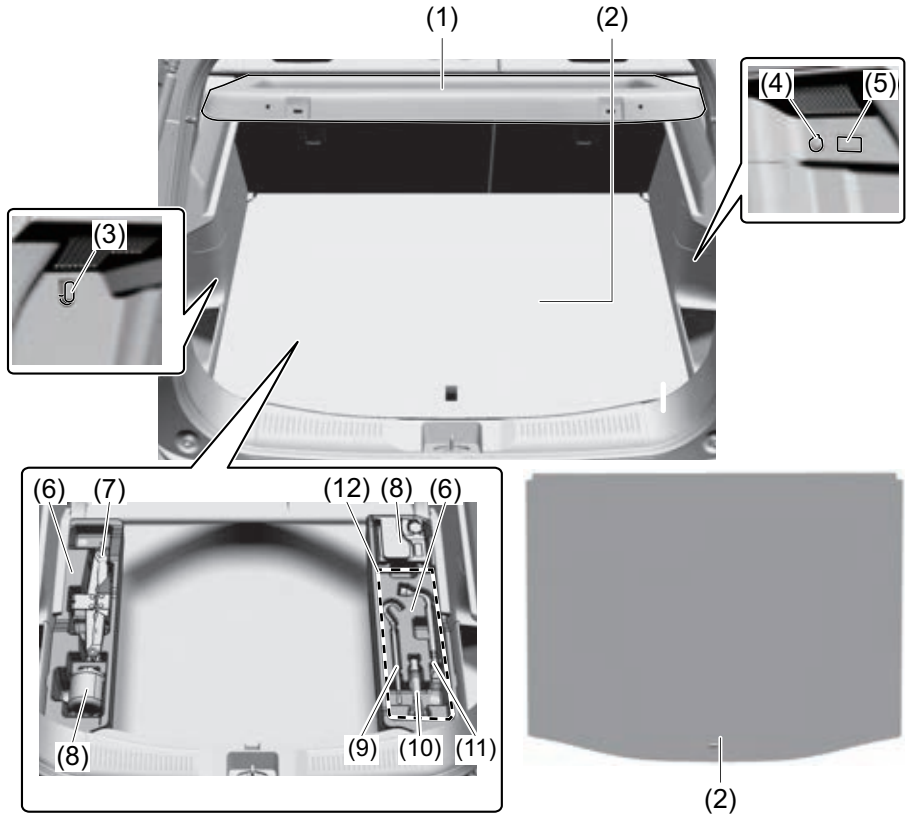


76TS10160

Luggage Compartment

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(10) Towing Eye (P.10-3)
(11) Wheel Wrench (P.10-7)
(12) Warning Triangle (P.10-23)

K15C Gasoline model

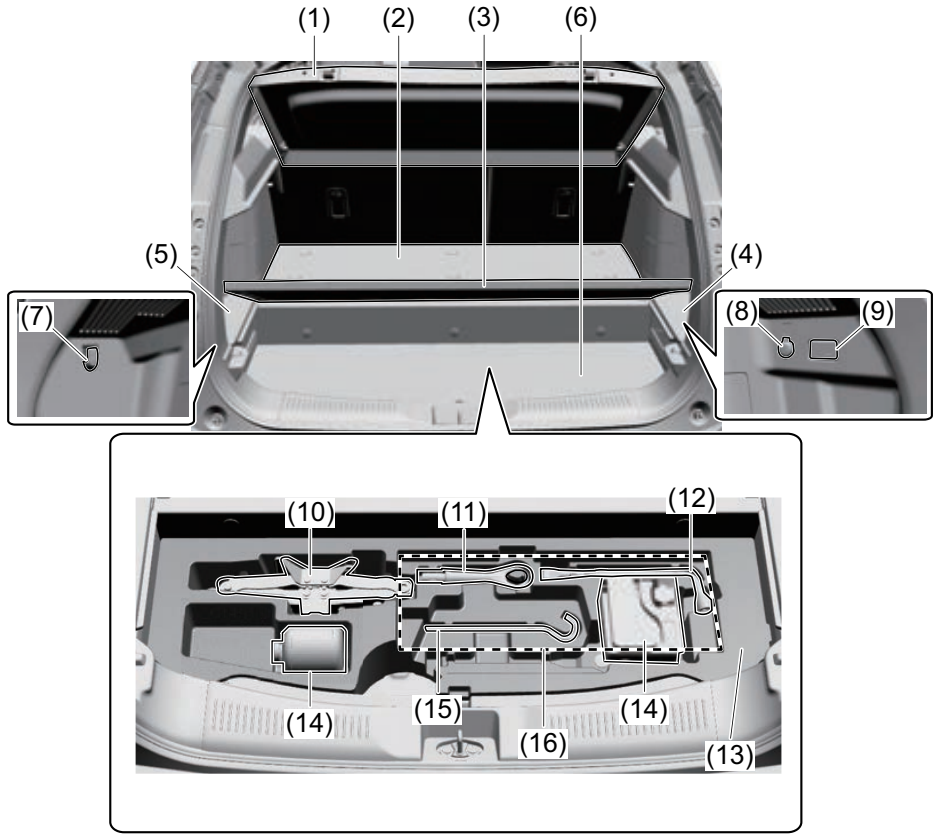


76TS10191

Luggage Compartment

(1) Luggage Compartment Cover (P.7-31)
(2) Luggage Compartment Board FR (P.7-32)
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(16) Warning Triangle (P.10-23)

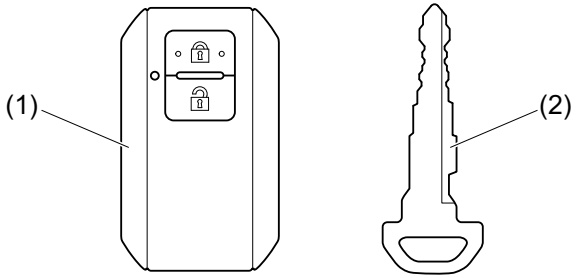
M15D model



76TS10031

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(1) Keyless Push Start System Remote Controller (P.3-7)
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(2) Key (P.3-1)
Door Locks (P.3-1)

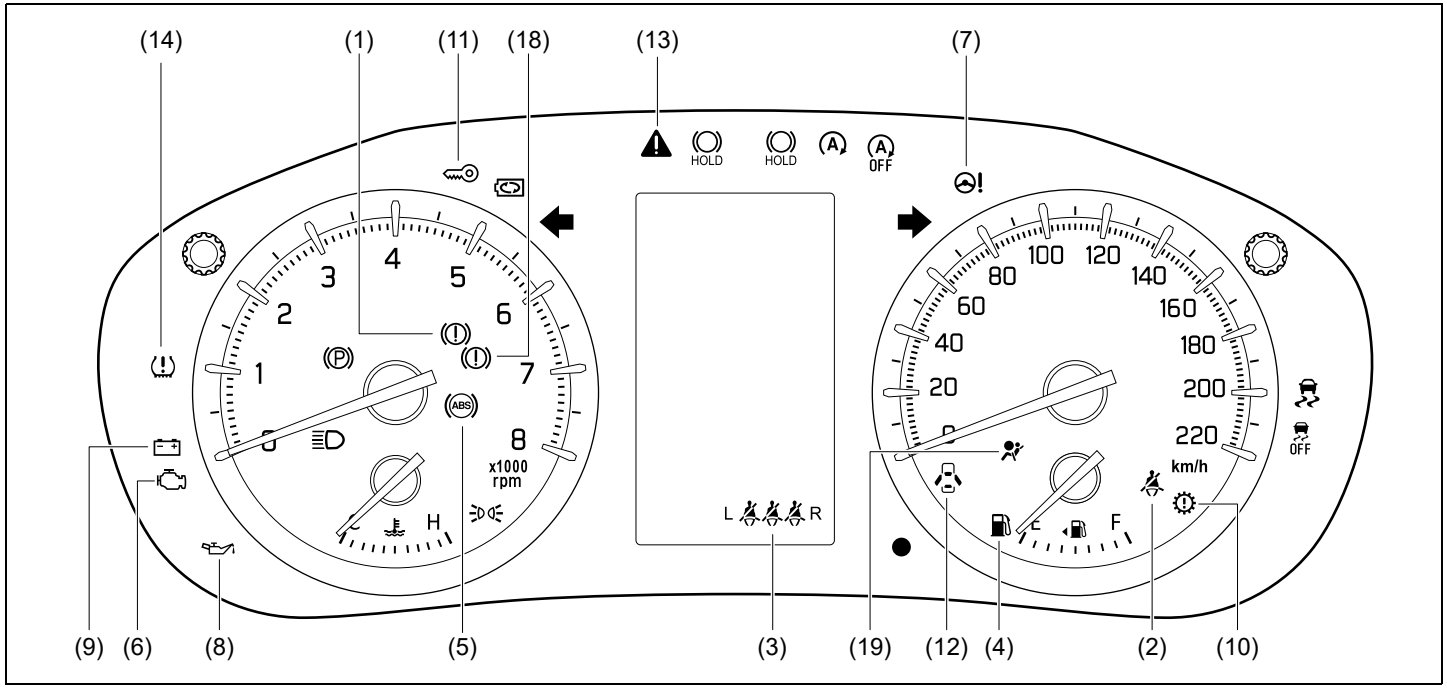


76T010010

Warning Lights and Indicators

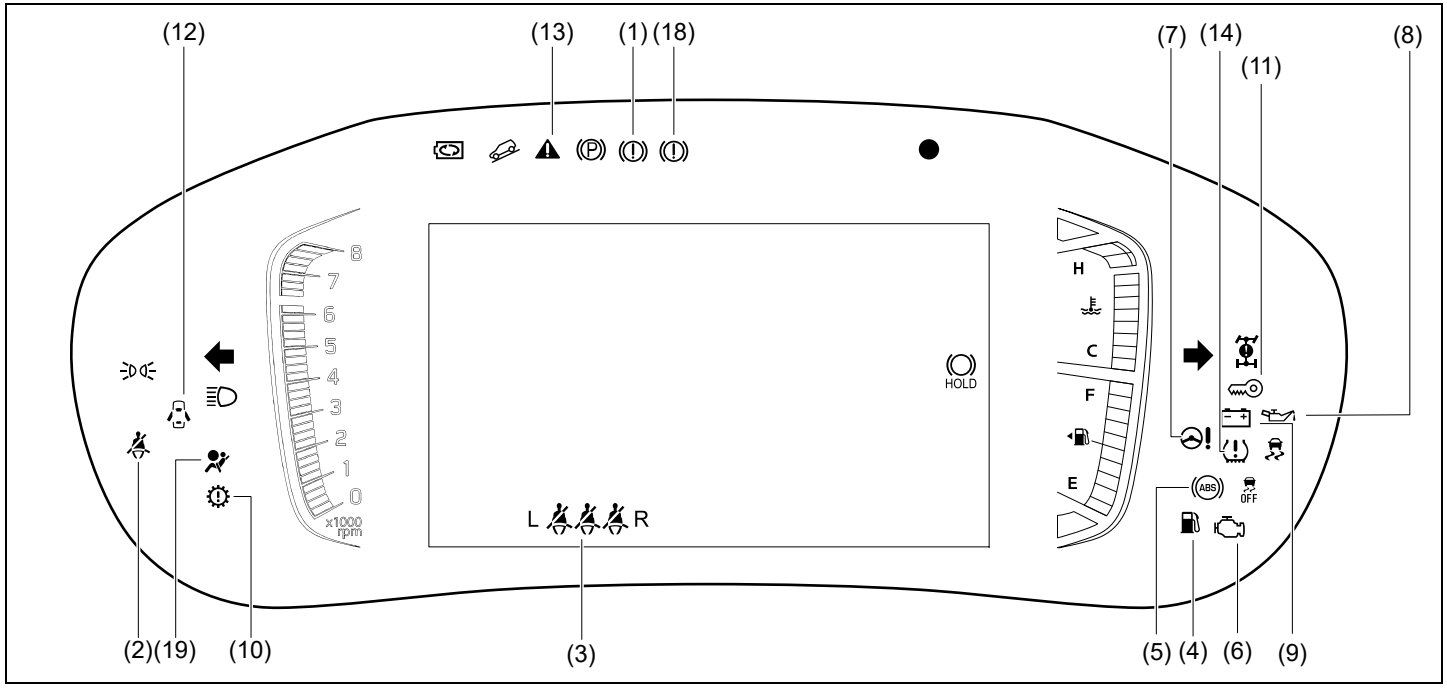
Warning Lights

Instrument cluster (Type A)



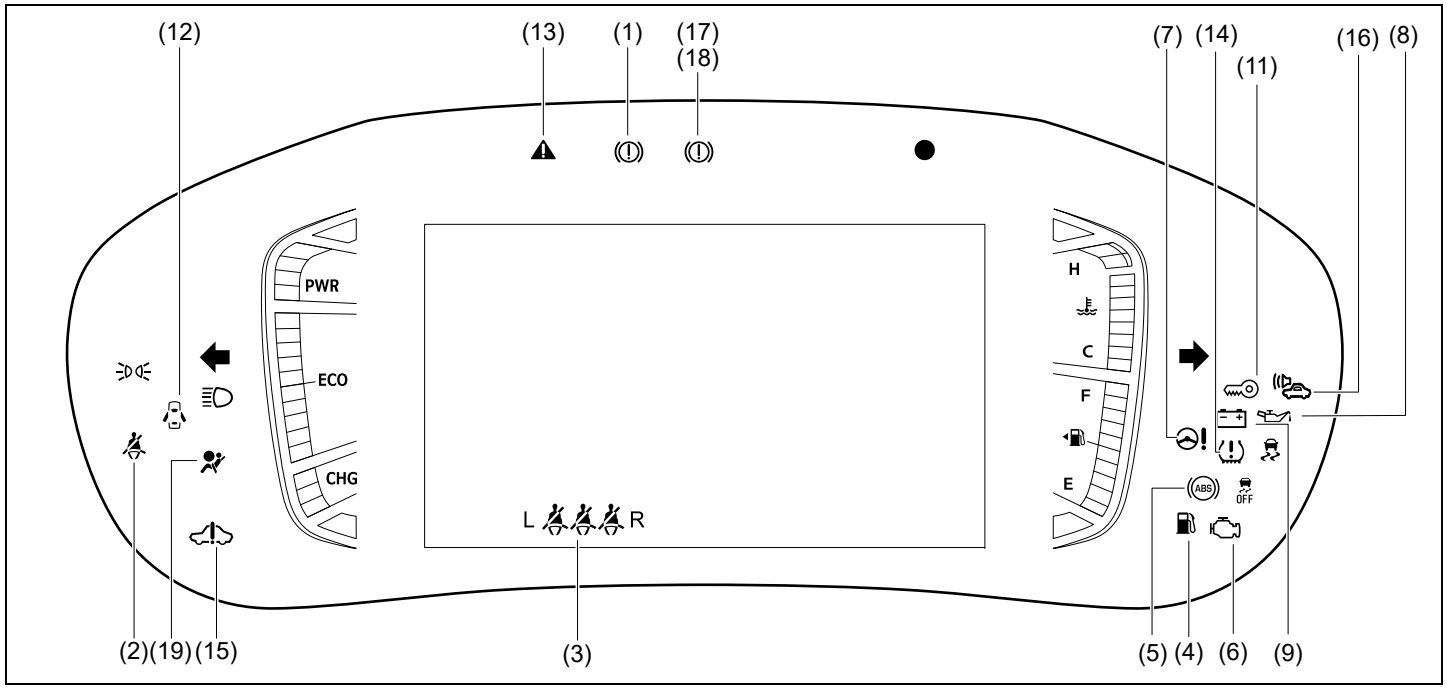
76TS10231

Instrument cluster (Type B)
K15C engine model



76TS11005

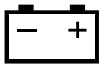
M15D engine model



76TS01005

- If a warning light continues to be lit or is blinking, there may be a problem with the vehicle or the system. Carefully read the following reference information and consult with Your Toyota Dealer.
- It is considered normal that warning lights and indicators marked with an asterisk (*) are lit when pressing the engine switch or the power switch to change the ignition mode to ON (i.e., high engine coolant temperature warning light initially lights up in red). If such lights do not light up, consult with Your Toyota Dealer.

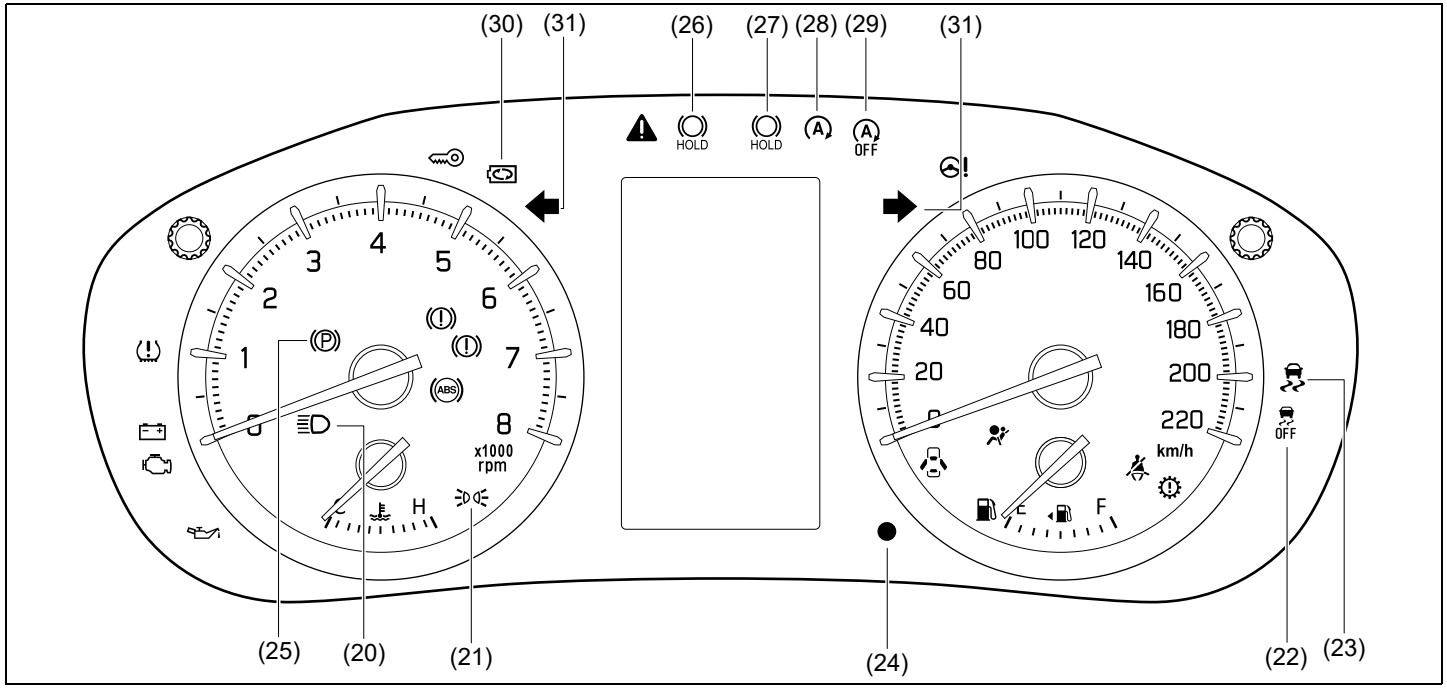
Warning light			Color	Name
(1)		*	Red	Brake System Warning Light
(2)			Red	Driver’s Seat Belt Reminder Light / Front Passenger’s Seat Belt Reminder Light
(3)			Red	Rear Seat Passenger's Seat Belt Reminder Light (Left / Center / Right)
(4)			Yellow	Low Fuel Warning Light
(5)		*	Yellow	Anti-lock Brake System (ABS) Warning Light
(6)		*	Yellow	Malfunction Indicator Light
(7)		*	Yellow	Electric Power Steering Light

Warning light			Color	Name
(8)		*	Red	Engine Oil Pressure Warning Light
(9)		*	Red	Charge Warning Light
(10)		*	Yellow	Transmission Warning Light (Automatic Transmission models)
(11)		*	Yellow	Immobilizer/Keyless Push Start System Warning Light
(12)			Red	Open Door Warning Light
(13)		*	Yellow	Master Warning Indicator Light
(14)		*	Yellow	Low Tyre pressure Warning Light (if equipped)
(15)		*	Red	Hybrid System Warning Light (M15D engine model)

Warning light			Color	Name
(16)		*	Yellow	Acoustic Vehicle Alerting System Warning Light (if equipped)
(17)		*	Yellow	Brake System Warning Light (M15D engine model)
(18)		*	Yellow	Brake System Warning Light (vehicles with electric parking brake)
(19)		*	Red	Airbag Warning Light

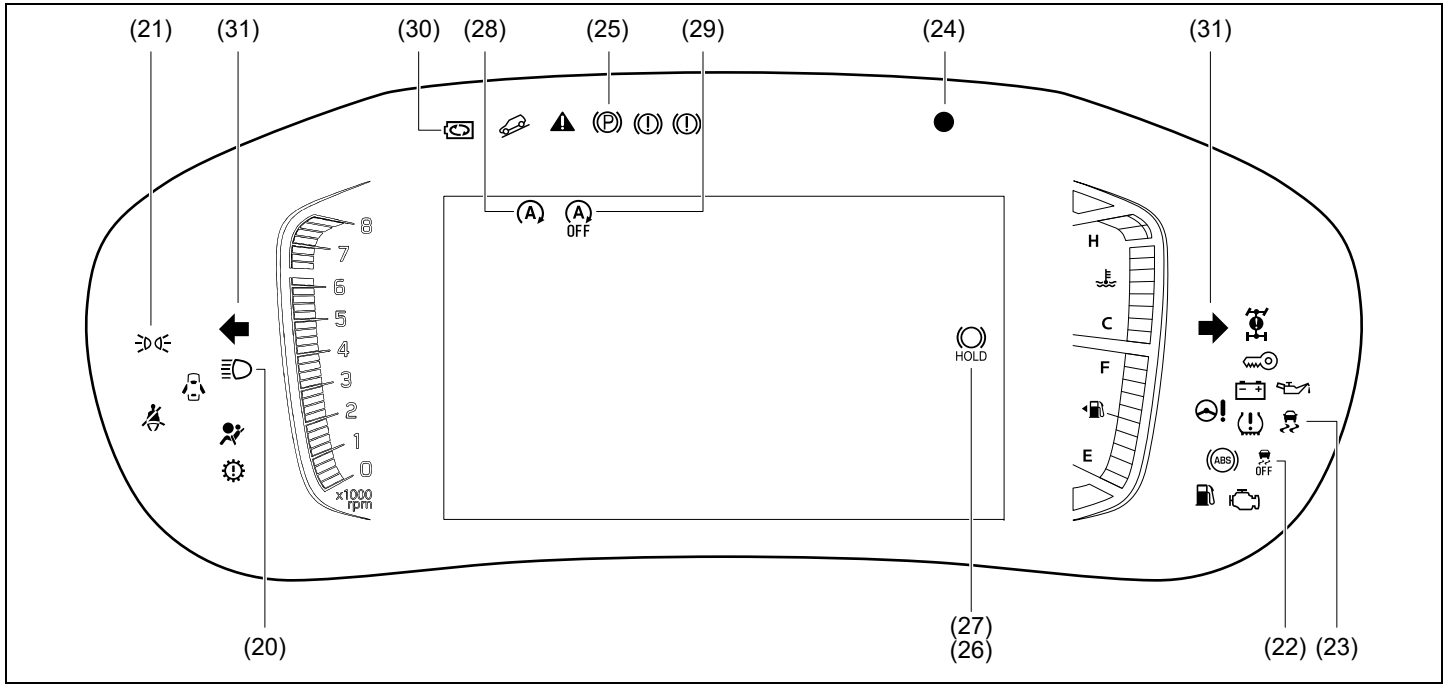
Indicators

Instrument cluster (Type A)



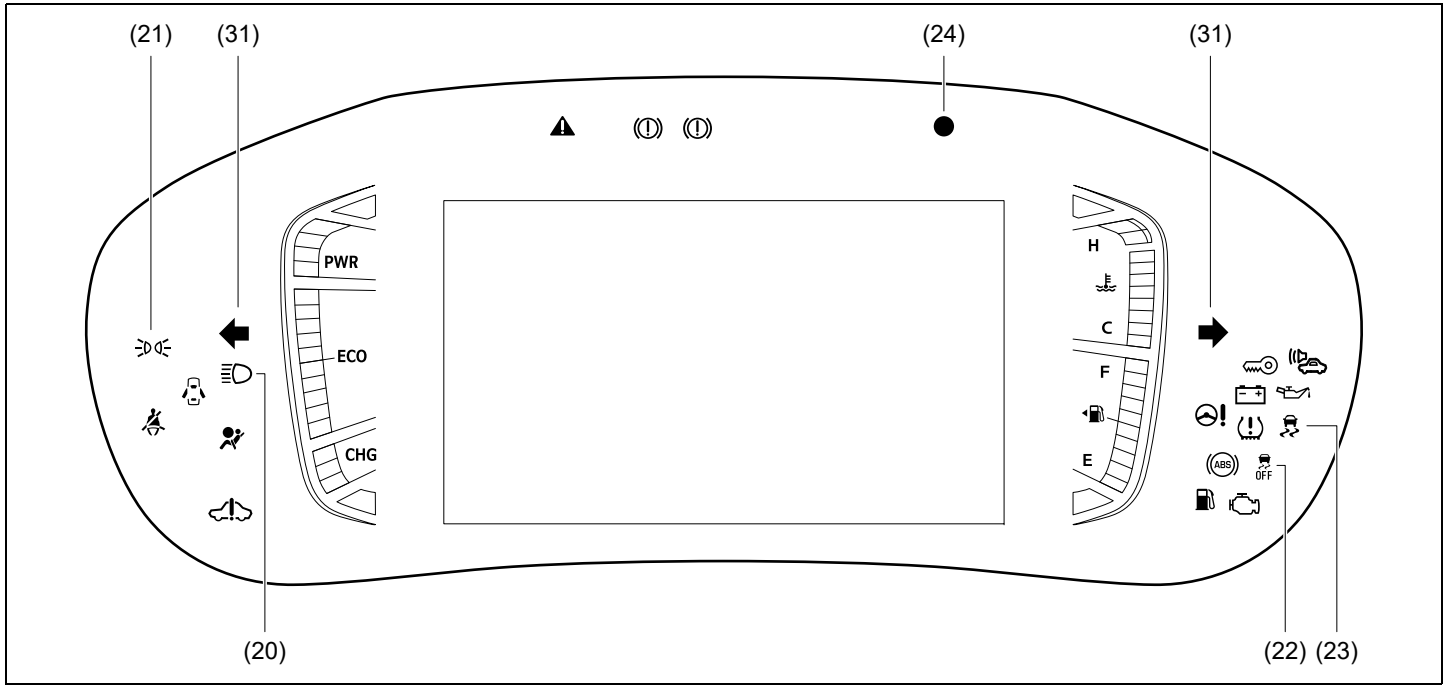
76TS10091

Instrument cluster (Type B)
K15C engine model



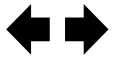
76TS11003

M15D engine model



76TS01003

Indicator			Color	Name
(20)			Blue	Main Beam (High Beam) Indicator Light
(21)			Green	Illumination Indicator Light
(22)	OFF	*	Yellow	ESP® OFF Indicator Light
(23)		*	Yellow	ESP® Indicator Light
(24)			Red	Security System Indicator
(25)		*	Red	Electric Parking Brake Operation Indicator Light (if equipped)
(26)	 HOLD	*	Green	Brake Hold Operation Indicator Light (if equipped)
(27)	 HOLD	*	White	Brake Hold Standby Indicator Light (if equipped)

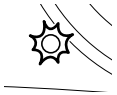
Indicator			Color	Name
(28)			Green	ENG A-STOP Indicator Light (if equipped)
(29)			Yellow	ENG A-STOP OFF Indicator Light (if equipped)
(30)			White	Deceleration Energy Regenerating Indicator Light (if equipped)
(31)			Green	Turn Signal Indicators

Warning Buzzer

- *1: The master warning ⚠ in the instrument cluster blinks. At the same time, the message will be shown on the information display to inform the driver of the vehicle condition and the remedy.
- *2: The message will be shown on the information display to inform the driver of the vehicle condition and the remedy.

When	Warning buzzer	Instrument cluster	Cause and remedy
When one of the doors or the engine hood is opened	Interior buzzer • Beeping at short intervals for approx. 10 seconds	 Blinks every 2 seconds	The security system warning is being activated. You can stop the warning by either of the following operations: • Unlock the doors using the keyless push start system remote controller or the request switch. • Press the engine switch or the power switch to change the ignition mode to ON.
When the engine switch or the power switch is pressed to change the ignition mode to ON	Interior buzzer • Beeping 4 times	 Blinks rapidly for approx. 8 seconds	Indicates that a security system has been activated while the vehicle has been parked; check the vehicle to make sure that it is not broken into or nothing is stolen.
	Interior buzzer • Chime (once)	*1	The steering wheel lock has not been released. With load not applied, turn the steering wheel to the left or right so as to press the engine switch or the power switch again.

When	Warning buzzer	Instrument cluster	Cause and remedy
When the engine switch or the power switch is in ON mode	Interior buzzer • Chime (once)	 Lights up	The brake fluid is insufficient or the brake system may be faulty. Consult with Your Toyota Dealer.
	Interior buzzer • Chime (once)	 Lights up	The fuel level is low. Refuel soon.
When driving	Interior buzzer • Beeping at short intervals for approx. 95 seconds	 Blinks *1	The driver does not wear his/her seat belt. Stop the vehicle in a safe place and wear your seat belt. The front or rear passenger(s) does not wear his/her seat belt. Wear the seat belt.
	Interior buzzer • Beeping at short intervals for approx. 35 seconds	 Blinks *1	
	Interior buzzer • Chime (once)	 Lights up *1	One of the doors is not completely closed. Stop the vehicle in a safe place and close all doors completely.

When	Warning buzzer	Instrument cluster	Cause and remedy
When opening the driver's door	Interior buzzer • Continuous beep	 Lights up *1	The headlights and/or the position lights are left on. Turn them off.
When the engine switch or the power switch is in ON mode	Interior buzzer • Chime (once)	 Blinks every 1 second *1	There may be a problem with the keyless push start system. Ask Your Toyota Dealer to have the system inspected.
When the engine switch or the power switch operated	Interior buzzer • Beeping twice	 Lights up *1	The remote controller may be outside the vehicle or its battery may have become discharged. Bring the remote controller in the vehicle or touch the engine switch or the power switch with the remote controller.
When the engine switch or the power switch is pressed to change the ignition mode to ON or ACC	Exterior and/or interior buzzers • 5 beeps repeating at short intervals Interior buzzer • Chime (once)	 Blinks *1	When the engine switch or the power switch was pressed to change the ignition mode to ON or ACC, the remote controller was detected. However, when starting the engine, the remote controller was not detected. Place the remote controller in the interior workable area and then press the engine switch or the power switch again.

When	Warning buzzer	Instrument cluster	Cause and remedy
When one of the door is opened or closed	Exterior and/or interior buzzers • 5 beeps repeating at short intervals	 Blinks *1	The remote controller may be outside the vehicle. Bring the remote controller in the vehicle.
When opening the driver's door	Interior buzzer • Beeping at short intervals	–	Press the engine switch or the power switch to change the ignition mode from ON or ACC to LOCK (OFF).
	Interior buzzer • Continuous short beeps	–	The steering lock fails to engage due to a fault in the system when the ignition mode is turned to LOCK (OFF) by pressing the engine switch or the power switch. Have the vehicle inspected by Your Toyota Dealer.
When pushing the request switch	Exterior buzzer • Beeping at short intervals for approx. 2 seconds	–	The engine switch or the power switch is in ACC or ON mode. Press the engine switch or the power switch to change the ignition mode to LOCK (OFF).
		–	The remote controller is left inside the vehicle. Take the remote controller outside the vehicle.
		 Lights up *2	Any door (including the tailgate) is open. Close all doors completely

When	Warning buzzer	Instrument cluster	Cause and remedy
When pushing LOCK button on the remote controller	Exterior buzzer • Beeping at short intervals for approx. 2 seconds	 Lights up *2	Any door (including the tailgate) is open. Close all doors completely
When stopping or backing up the vehicle	Interior buzzer • Short beeps at long intervals, short beeps at short intervals, short beeps at very short intervals, or continuous beep	–	Rear parking sensors detect an obstacle on the rear side of the vehicle. Check the surrounding area directly with your eyes and the mirrors, and back up the vehicle slowly.
When using the shift paddle (if equipped)	Interior buzzer • 2 beeps at short intervals	–	The gear position is not set in the desired position by operating the paddle shift switch. Select the proper gear position for the vehicle speed.

Vehicles with Automatic Transmission model

When	Warning buzzer	Instrument cluster	Cause and remedy
When operate the gearshift lever with depressing the brake pedal.	Interior buzzer • Beeps at short intervals	–	Even though the gearshift lever is shifted, the gear is not shifted to the desired selector position. Shift the gearshift lever into “P” with depressing the brake pedal, and then operate the gearshift lever again.
When operate the gearshift lever without depressing the brake pedal.	Interior buzzer • Continuous beeps	–	

Vehicles with ENG A-STOP System

When	Warning buzzer	Instrument cluster	Cause and remedy
When the engine is stopped automatically by the ENG A-STOP system	Interior buzzer • 2 beeps	–	The engine stalled because the hood is opened after the engine is stopped automatically. To restart the engine, follow the procedure below. 1) Set the parking brake firmly, and then place the gearshift lever in the “P” position. 2) Securely close the engine hood. 3) Press the engine switch or the power switch to restart the engine.

Vehicles without Electric Parking Brake

When	Warning buzzer	Instrument cluster	Cause and remedy
When driving	Interior buzzer • 3 beeps repeating at short intervals	 Lights up *1	The parking brake has not been released. Stop the vehicle in a safe place and release the parking brake.

Vehicles with Electric Parking Brake

When	Warning buzzer	Instrument cluster	Cause and remedy
When driving	Interior buzzer • Continuous short beeps	 Lights up *1	The electric parking brake has not been released. Stop the vehicle in a safe place and release the parking brake.

When	Warning buzzer	Instrument cluster	Cause and remedy
When stopping	Interior buzzer • Continuous short beeps	–	The electric parking brake has not been released, or the brake hold has not been set. Confirm safety, and release the electric parking brake or set the brake hold again.
When stopping	Interior buzzer 1 beep	*2	The electric parking brake has been activated automatically in response to a request from other function (system).
When stopping	Interior buzzer • Continuous short beeps	*1	Since the vehicle may move, promptly depress the brake pedal, and park the vehicle in a place that is not on a steep slope.

FAQ

Q&A

Refer to the following list of frequently asked questions.

Door opening / closing

Q. The keyless entry system does not work. What should I do?

A. There is a possibility that something is interfering with the function of the keyless entry system. Refer to “Keyless Push Start System Remote Controller” in the “BEFORE DRIVING” section.

A. If the battery of the keyless push start system remote controller is dead, replace it. Refer to “Battery Replacement” in the “BEFORE DRIVING” section.

Q. A loud alarm sounds when opening the door. What does this mean?

A. The security system has been activated. Press the engine switch or the power switch to change the ignition mode to ON to stop the alarm. For the correct method of handling, refer to “Security System” in the “BEFORE DRIVING” section.

Window glass

Q. How can I clear fog on the inside of the windshield and door glass areas?

A. Use the defroster switch. Refer to “Automatic Heating and Air Conditioning System (Climate Control)” in the “OTHER CONTROLS AND EQUIPMENT” section.

Q. How can I clear fog on the inside of the rear window glass?

A. Use the heated rear window switch. Refer to “Heated Rear Window Switch” in the “BEFORE DRIVING” section.

Tyres

Q. I get a flat tyre. What should I do?

A. Depending on the tyre conditions, you can repair the flat tyre by the flat tyre repair kit, or change the flat tyre with a spare tyre (optional). Refer to “Flat tyre repair kit” or “Tyre changing tool” section.

Running out of battery

Q. The battery runs out and the engine does not start. What should I do?

A. Connect the battery of a vehicle for assistance to jump leads and start the engine. Refer to “Jump-starting Instructions” in the “EMERGENCY SERVICE” section.

Engine oil

Q. I would like to change the engine oil. What should I do?

A. Refer to “Engine Oil and Filter” in the “INSPECTION AND MAINTENANCE” section and “Specifications” in the “SPECIFICATIONS” section.

ENG A-STOP system (if equipped)

Q. The ENG A-STOP system does not work. What should I do?

A. Refer to “ENG A-STOP System (Engine Auto Stop Start System) (if equipped)” in the “OPERATING YOUR VEHICLE” section.

Electrical equipment

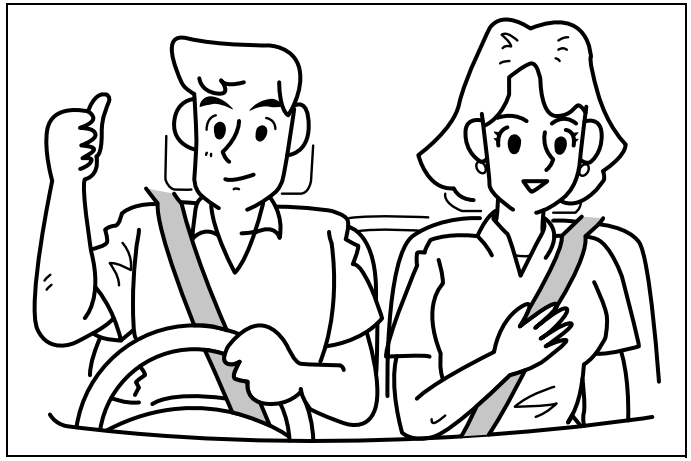
Q. The headlights or brake lights do not light up. What should I do?

A. Check the light bulbs. Refer to “Bulb Replacement” in the “INSPECTION AND MAINTENANCE” section and “Specifications” in the “SPECIFICATIONS” section.

Q. I cannot use an electrical device. What should I do?

A. Check the fuses. Refer to “Fuses” in the “INSPECTION AND MAINTENANCE” section.

MEMO



59RN02300

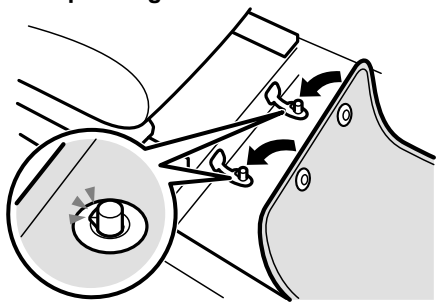
FOR SAFE DRIVING

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Driver's Seat Floor

Floor Mats

Example for genuine floor mat



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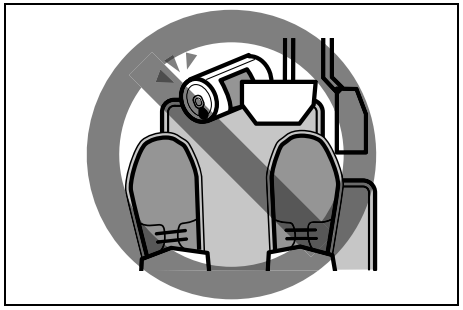
To prevent the driver's side floor mat from sliding forward and possibly interfering with the operation of the pedals, genuine TOYOTA floor mats are recommended.
Whenever you put the driver's side floor mat back in the vehicle after it has been removed, hook the floor mat grommets to the fasteners and position the floor mat properly in the footwell.

When you replace the floor mats in your vehicle with a different type such as all-weather floor mats, we highly recommend to use genuine TOYOTA floor mats for proper fitting.

⚠ WARNING

Failure to take the following precautions may result in the driver's side floor mat interfering with the pedals and causing a loss of vehicle control or an accident.
- **Check that the floor mat grommets are hooked to the fasteners.**
- **Never stack floor mats.**
- **Never use a floor mat which does not fit the floor contours.**

Clearing the Floor

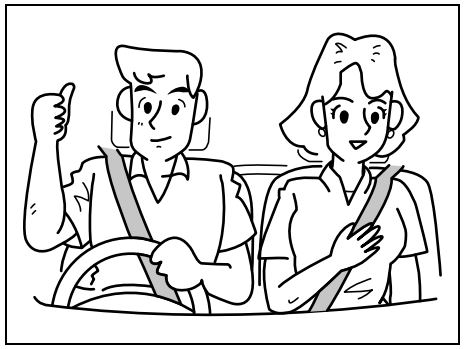


69RHS157

⚠ WARNING

Do not leave empty cans, etc. at your feet. These objects may interfere with pedal operation and cause accidents.

Seat Belts and Child Restraint Systems



59RN02300

⚠ WARNING

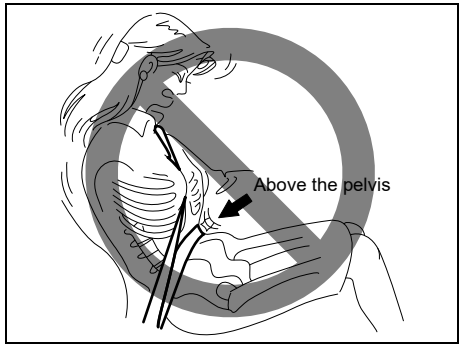
- **Wear your seat belts at all times.**
- **An airbag supplements or adds to the frontal collision protection offered by seat belts. The driver and all passengers must be properly restrained by wearing seat belts at all times, whether or not an airbag is mounted at their seating position, to minimize the risk of severe injury or death in the event of a collision.**

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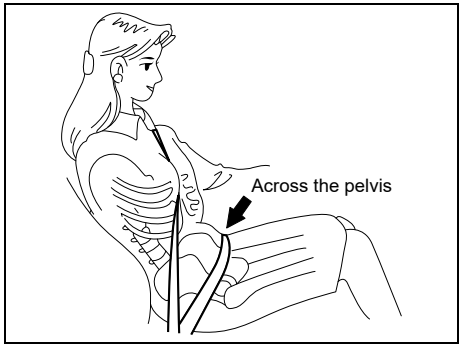
⚠ WARNING

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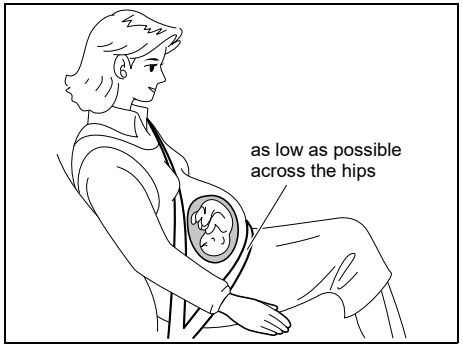
- **Do not modify, remove, disassemble seat belts. Doing so may prevent them from functioning properly and cause the risk of severe injury or death in the event of a collision.**



59RN02390



59RN02400



59RN02380

⚠ WARNING

- **Never allow persons to ride in the cargo area of a vehicle. In the event of an accident, there is a much greater risk of injury for persons who are not riding in a seat with their seat belt securely fastened.**
- **Seat belts should always be adjusted as follows:**
  - **– the lap portion of the belt should be worn low across the pelvis, not across the waist.**
  - **– the shoulder straps should be worn on the outside shoulder only, and never under the arm.**
  - **– the shoulder straps should be away from your face and neck, but not falling off your shoulder.**
- **Seat belts should never be worn with the straps twisted and should be adjusted as tightly as is comfortable to provide the protection for which they have been designed. A slack belt will provide less protection than a snug belt.**
- **Check that seat belt latch plate (tongue) is inserted into the proper buckle especially in the rear seats. It is not possible to insert into the wrong buckles in the rear seats.**

(Continued)

⚠ WARNING

(Continued)

- **Pregnant women should use seat belts, although specific recommendations about driving should be made by the woman's medical advisor. Remember that the lap portion of the belt should be worn as low as possible across the hips, as shown in the illustration.**
- **Do not fasten your seat belt over hard or breakable objects in your pockets or on your clothing. If an accident occurs, objects such as glasses, pens, etc. under the seat belt can cause injury.**



59RN02440

- **Do not hold a child on a passenger's lap. Even if the passenger holds the child tightly, he/she would not be supported enough in the event of an accident and it could result in a serious injury of the child.**

(Continued)

⚠ WARNING

(Continued)

- **Never use the same seat belt for more than one occupant and never attach a seat belt over an infant or child being held on an occupant's lap. Such seat belt use could cause serious injury in the event of an accident.**
- **Periodically inspect seat belt assemblies for excessive wear and damage. Seat belts should be replaced if webbing becomes frayed, contaminated or damaged in any way. It is essential to replace the entire seat belt assembly after it has been worn in a severe impact, even if damage to the assembly is not obvious.**
- **Children aged 12 and under should ride properly restrained in the rear seat.**

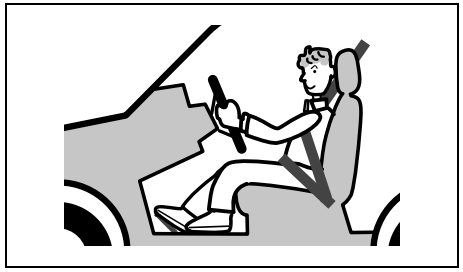
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⚠ WARNING

(Continued)

- **Infants and small children should never be transported unless they are properly restrained. Restraint systems for infants and small children can be purchased locally and should be used. Check that the system you purchase meets applicable safety standards. Read and follow all the directions provided by the manufacturer.**
- **For child, if the seat belt irritates the neck or face, use a child restraint system appropriately for the child. The seat belts of your vehicle are principally designed for persons of adult size.**
- **Avoid contamination of seat belt webbing by polishes, oils, chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water.**
- **Do not insert any items such as coins and clips into the seat belt buckles, and be careful not to spill liquids into these parts. If foreign materials get into a seat belt buckle, the seat belt may not work properly.**
- **All seatbacks should always be in an upright position when driving, or seat belt effectiveness may be reduced. Seat belts are designed to offer maximum protection when seatbacks are in the upright position.**

Adjustment before Driving

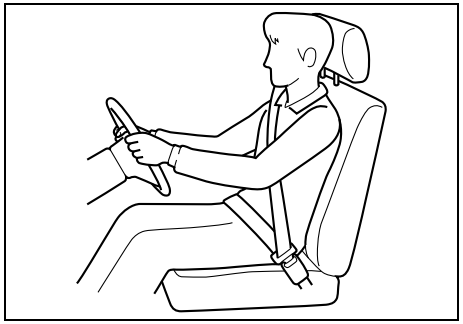


80J014

⚠ WARNING

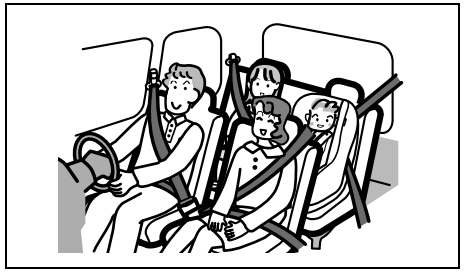
- **When driving, do not adjust the steering wheel (only adjustable type with certain specifications), the seat, the inside rearview mirror or the outside rearview mirrors. Otherwise, there is the risk of mistaken operation of the steering wheel or reduced awareness of what is in front of you, possibly leading to an accident.**
- **Do not tilt the seatback further back than necessary. Otherwise, the head restraint and the seat belt cannot function as intended.**

Correct Use of Seat Belt



69RHS158

- Adjust the seat to the correct position. Sit your body fully into the seat.
- Make sure that the seat belt is not twisted.
- Make sure that you place the lap portion of the belt as low as possible across the pelvis.
- The upper belt should rest on the area midway between the shoulder and the base of the neck.
- Confirm that the belt is not twisted in any way, and remove any slack.



77R20050

⚠ WARNING

- **If you do not fasten your seat belt properly, your body may not be restrained in a sudden braking and a collision. This may cause severe injury.**
  Fasten your seat belt properly before driving.
- **If all the passengers do not fasten their seat belts properly, their body may not be restrained in a sudden braking and a collision. This may cause severe injury.**
  Ask all the passengers on the front passenger's seat and the rear seats to fasten their seat belts properly before driving.

Front Seats

Seat Adjustment

⚠ WARNING

- **Never attempt to adjust the driver's seat or seatback while driving. The seat or seatback could move unexpectedly, causing loss of control. Check that the driver's seat and seatback are properly adjusted before you start driving.**
- **To avoid excessive seat belt slack, which reduces the effectiveness of the seat belts as a safety device, check that the seats are adjusted before the seat belts are fastened.**
- **All seatbacks should always be in an upright position when driving, or seat belt effectiveness may be reduced. Seat belts are designed to offer maximum protection when seatbacks are in the upright position.**

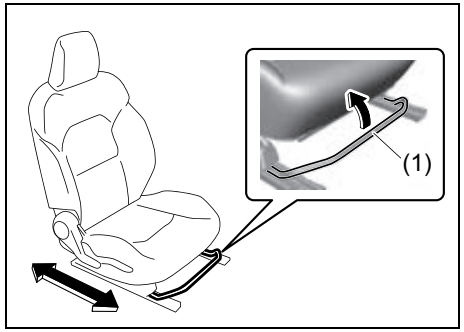
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⚠ WARNING

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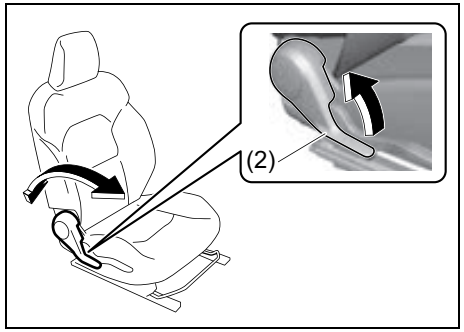
- **If you place a cushion, etc. between the seatback and your back, you may not be able to drive the vehicle in a correct posture. Also, the seat belt and the head restraint may not provide the best performance. This may cause severe injury in an accident.**
  Do not place a cushion, etc. between the seatback and your back.
- **Do not place any object under the front seat. If an object becomes caught under the front seat, the following may occur.**
  – The seat will not be latched.
- **Do not leave cigarette lighters or spray cans on the floor. If a cigarette lighter or spray can is on the floor, it may light accidentally when luggage is loaded or the seat is adjusted, causing a fire.**

Manual seat adjustment



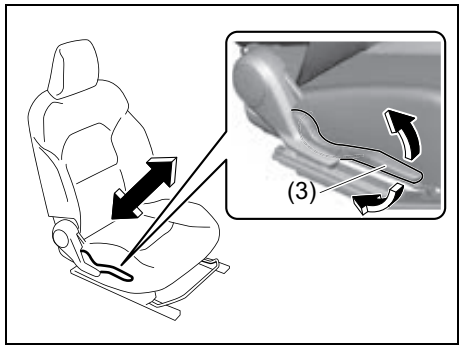
76TS20010

Seat position adjustment lever (1)
Pull the lever up and slide the seat.



76TS20020

Seatback angle adjustment lever (2)
Pull the lever up and move the seatback.



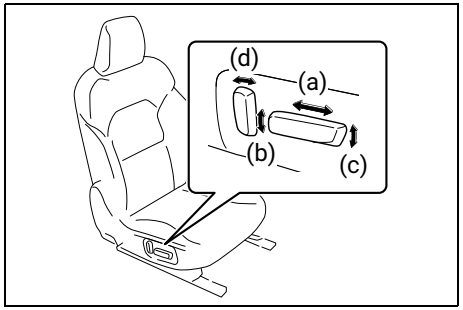
76TS20030

Seat height adjustment lever (3) (if equipped)
Pull the lever up to raise the seat. Push the lever down to lower the seat.

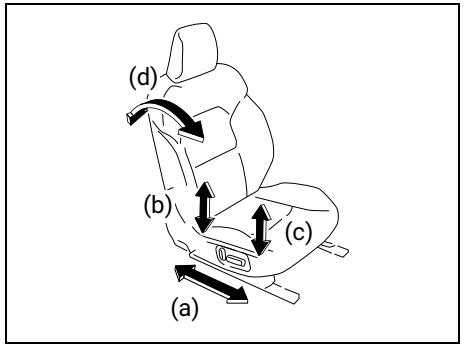
After adjustment, move the seat and seatback back and forth to check if it is securely latched.

Power seat adjustment (if equipped)

NOTICE
If you adjust the power sheet for a long time during the power switch is OFF or ACC, the lead-acid battery may discharge.



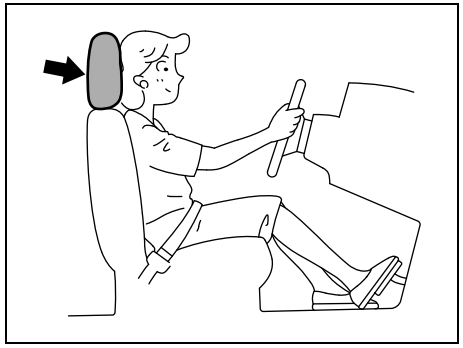
76TS21010



76TS22010

(a) Seat position adjustment (driver's seat)
Operate the switch and slide the seat.
(b) Seat height adjustment (driver's seat)
Operate the switch and raise/lower the entire seat.
(c) Cushion angle adjustment (driver's seat)
Operate the switch and raise/lower the front of the cushion.
(d) Seatback angle adjustment (driver's seat)
Operate the switch and adjust the angle of the seatback.

Head Restraints



80J001

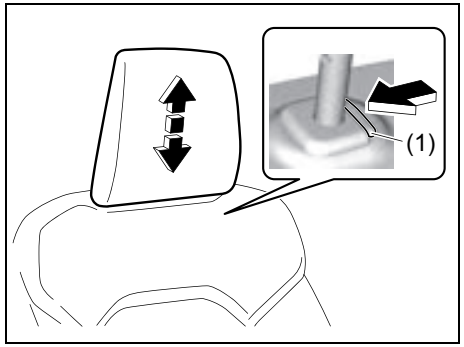
Head restraints are designed to help reduce the risk of neck injuries in the case of an accident. Adjust the head restraint to the position which places the center of the head restraint closest to the top of your ears. If this is not possible for very tall passengers, adjust the head restraint as high as possible.

⚠ WARNING

Make sure that you observe the following precautions. Failure to do so may result in serious injury or, in the worst case, death. Headrests are important parts to mitigate injuries to the neck and head in an accident.

- **Do not drive with the head restraint removed.**
- **Do not install head restraints backwards.**
- **Adjust the head restraint to the correct position. After adjustment, press down to confirm that it does not move.**
- **Do not adjust the head restraint during driving.**

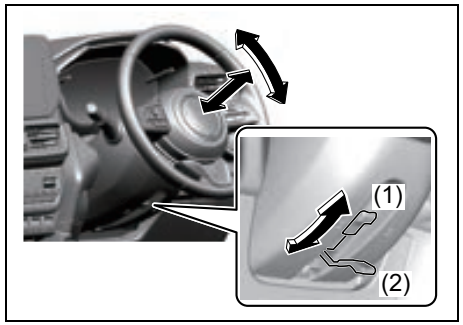
NOTE:
It may be necessary to recline the seatback to provide enough overhead clearance to remove the head restraint.



76TS20040

To raise the front head restraint, pull upward the head restraint until it clicks. To lower the head restraint, push down the head restraint while holding in the lock button (1). If a head restraint must be removed (for cleaning, replacement, etc.), push in the lock button (1) and pull the head restraint all the way out.

Tilt / Telescoping (if equipped) Steering Lock Lever



76TS20130

(1) LOCK
(2) UNLOCK

The lock lever is located under the steering column. To adjust the steering wheel height:

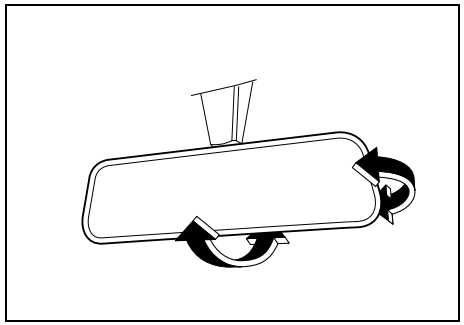
1) Push down the lock lever to unlock the steering column.
2) Adjust the steering wheel to the desired height and fore-aft position and lock the steering column by pulling up the lock lever.
3) Try moving the steering wheel up and down back and forth to check that it is securely locked in position.

⚠ WARNING

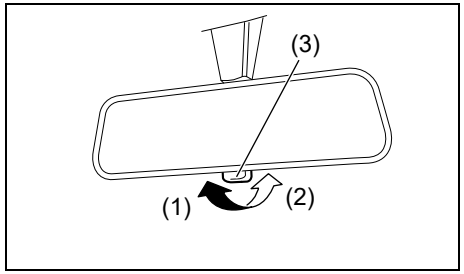
Never attempt to adjust the steering wheel while the vehicle is moving or you could lose control of the vehicle.

Mirrors

Inside Rearview Mirror



81M30360



83S02352

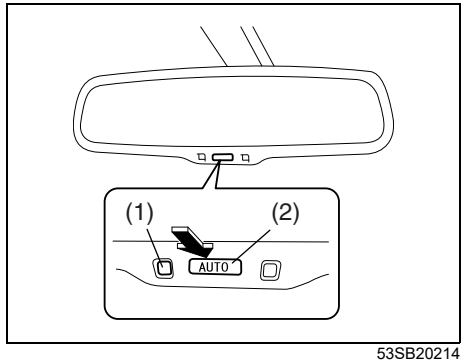
(1) Night driving
(2) Day driving
(3) Selector tab

You can adjust the inside rearview mirror by hand to see the rear of your vehicle in the mirror. To adjust the mirror, set the selector tab (3) to the day position, then move the mirror up, down or sideways by hand to obtain the best view.
When driving at night, you can move the selector tab (3) to the night position to reduce glare from the headlights of vehicles behind you.

⚠ WARNING

- **If you adjust the inside rearview mirror while driving, you could lose control of the vehicle, resulting in an accident.**
  Adjust the inside rearview mirror before driving.
- **Only use the night position if it is necessary to reduce glare from the headlights of vehicles behind you. Be aware that in this position you may not be able to see some objects that could be seen in the day position.**

Auto Dimming Rearview Mirror (if equipped)

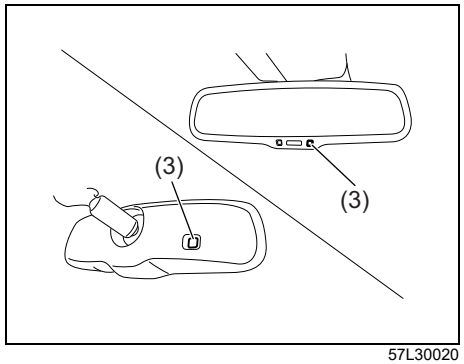


53SB20214

You can adjust the auto dimming rearview mirror by hand so you can see to the rear of your vehicle in the mirror. This rearview mirror has a function of automatically reducing glare from the lights of vehicles behind you. The function works when the ignition mode has been changed to “ON” by pressing the engine switch.

- The mirror is always set to the automatic dimming mode when the ignition mode is “ON”.
- When the switch (2) is pushed, the green indicator (1) is lit, indicating that the mirror is set to the automatic dimming mode. To cancel the automatic dimming mode, push the switch (2); the indicator (1) then goes out.

- The auto dimming rearview mirror is automatically deactivated while the gear-shift lever is in the “R” position.



57L30020

⚠ WARNING

Do not touch or cover the sensor (3) since this may impair normal operation of the system. Blocking glare from the sensor with an object such as a shade, sticker, accessory or baggage may also impair proper operation of the system.

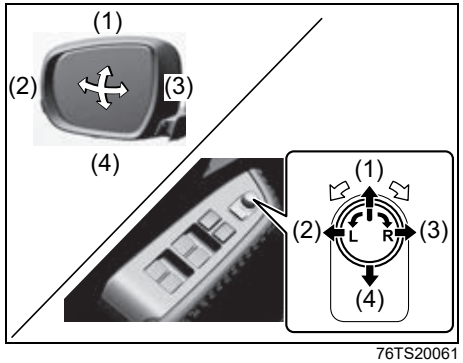
NOTICE

Do not hook anything heavy on the mirror, or the mirror may break under the weight.

Outside Rearview Mirrors

Adjust the outside rearview mirrors so you can just see the side of your vehicle in the mirrors.

Electric mirrors



76TS20061

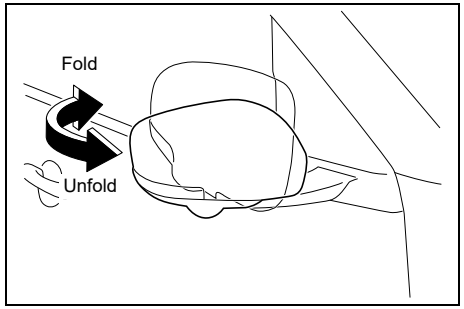
The switch to control the electric mirrors is located on the driver’s door panel. You can adjust the mirrors when the ignition mode the ignition mode is ACC or ON. To adjust the mirrors:

1) Move the selector switch (1) to the left or right to select the mirror you wish to adjust.
2) Press the outer part of the switch (2) that corresponds to the direction in which you wish to move the mirror.
3) Return the selector switch (1) to the center position to help prevent unintended adjustment.

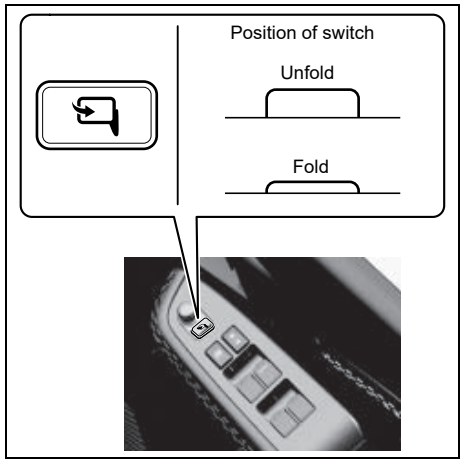
⚠ WARNING

If you adjust the outside rearview mirrors while driving, you could lose control of the vehicle, resulting in an accident.
Adjust the outside rearview mirrors before driving.

Outside Rearview Mirror Folding Switch (if equipped)



76TS20070



76TS20090

You can fold the mirrors when you park the vehicle in a narrow space. Push the folding switch to fold and unfold the mirrors. Make sure the mirrors are completely unfolded before you start driving.

⚠ WARNING

If you drive the vehicle with the outside rearview mirrors folded, it may result in an accident.
Do not drive the vehicle with the outside rearview mirrors folded.

⚠ CAUTION

Moving mirrors can pinch and injure a hand. Do not allow anyone's hand to get near the mirrors when folding and unfolding the mirrors.

NOTE:

- *If you press the folding switch to open the outside rearview mirrors and simultaneously start the engine, then the outside rearview mirrors may get stuck during that moment. To open the outside rearview mirrors completely, again press the folding switch after starting the engine.*
- *Slight time difference in opening of both outside rearview mirrors is due to angular positioning of the driver seat.*

Remote Folding Mirrors (if equipped)

When the outside rearview mirror folding switch is in the unfolded position, the outside rearview mirrors are folded or unfolded in conjunction with the door locking or engine switch operation.

- When you lock the doors (including the tailgate) by using the remote controller or pushing the request switch, the mirrors will be folded automatically.
- To unfold the mirrors, push the engine switch to change the ignition mode to ACC or ON.
- The factory setting is that the function is enabled. You can switch the function from enabled to disabled, and vice versa. To switch the function for your preference, refer to "How to switch the remote folding mirror function" in this section.

NOTICE

In a cold winter such as the mirrors are frozen, disable the function. If the mirrors are folded and unfolded repeatedly without thawing, the mirrors may be damaged.

NOTE:

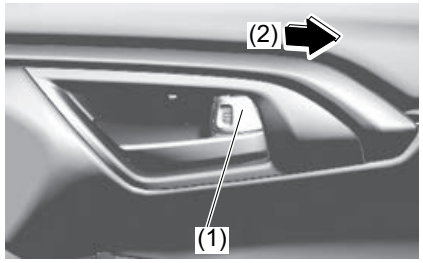
- *If the doors are locked by using the key or lock knob, the mirrors will not be folded automatically.*

- *If the outside rearview mirror folding switch is in the folded position, the mirrors will not be unfolded automatically, even when the engine switch is pushed to change the ignition mode to ACC or ON.*
- *If any of the doors is not opened within about 30 seconds after the doors are unlocked by using the keyless push start system remote controller or request switch, the doors will be locked again and the mirrors will be folded automatically.*

How to switch the remote folding mirror function

When the ignition mode is LOCK (OFF), you can switch the function from the enabled state to the disabled state, and vice versa, using the following method.

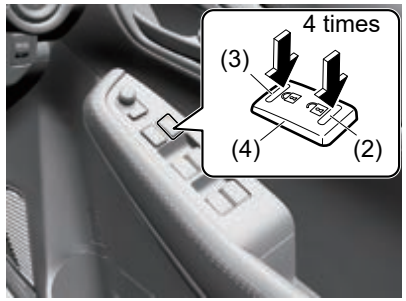
1) Sit in the driver's seat and make sure that all doors are closed.
   - If any door is open, the open door warning light comes on.



76TS20110

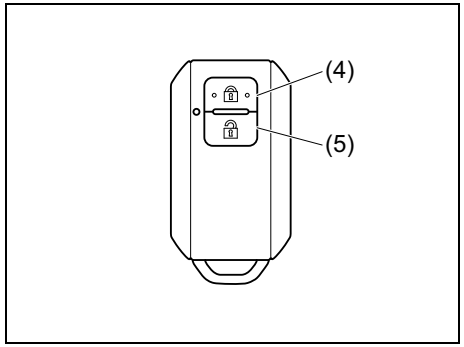
2) Turn the lock knob (1) on the driver's door rearward (2).

NOTE:
All operations included in the following steps 3) and 4) must be completed within 15 seconds.



76TS20510

3) Push the lock end (3) (forward end) of the power door lock switch (4) to lock the doors, and then the unlock end (2) (backward end) to unlock the doors. Repeat these operations 4 times and finally push the lock end of the switch.



59RN02110

(4) LOCK button
(5) UNLOCK button

4) Push any of the buttons on the keyless push start system remote controller 3 times.
   • Push any buttons described above you like.
   • During operation, the doors are not locked, unlocked, opened or closed.

Every time you perform the series of the above steps, the state of the remote folding mirror function changes from the currently selected one to the other. You can check whether the system is enabled or disabled by the number of interior buzzer beeps at the end of the procedure as follows.

System state	Number of beeps
Disabled	Once
Enabled	Twice

• If you cannot complete the operations in step 3) and 4) within 15 seconds correctly, the state of the remote folding mirror function will not change and the interior buzzer does not beep. Perform the procedure again from the beginning.

Rear Seats

Head Restraints

Head restraints are designed to help reduce the risk of neck injuries in the case of an accident.

⚠ WARNING

- **If you drive the vehicle with the head restraint removed, a passenger's backward tilting cannot be prevented in a collision from the backward and the impact to a passenger's head cannot be reduced in a sudden braking or a collision. This may cause severe injury.**
  Never drive the vehicle with the head restraints removed.
- **If the head restraint is installed back to front or it is not installed securely, the head restraint may not provide the best performance in case of emergency, resulting in severe injury.**
  If the head restraint is installed back to front, you cannot adjust the height and install it securely.
  Make sure to install the head restraint securely in the right direction.

(Continued)

⚠ WARNING

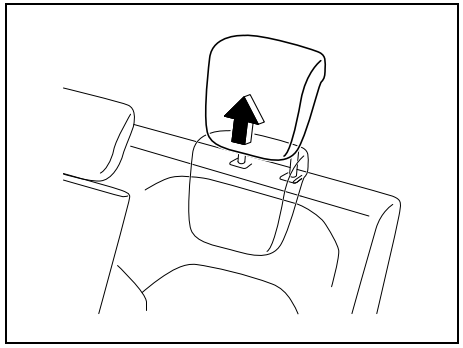
(Continued)

- **Being distracted by head restraint adjustment could lead to an accident.**
  Do not attempt to adjust the head restraint while driving.
- **If you try to install a child restraint system and it touches the head restraint, a child may be severely injured in a collision.**
  When you install a child restraint system, adjust the height of the head restraint as high as possible or remove the head restraint for avoiding that the child restraint system touches the head restraint.

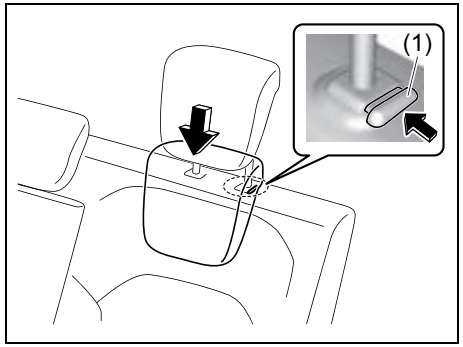
⚠ CAUTION

If you leave the removed head restraint in the vehicle, it may jump out and hit passengers or objects, resulting in injury or damage.
Do not leave the removed head restraint in the vehicle.

NOTE:
It may be necessary to fold forward the seatback to provide enough overhead clearance to remove the head restraint.



76TS20170

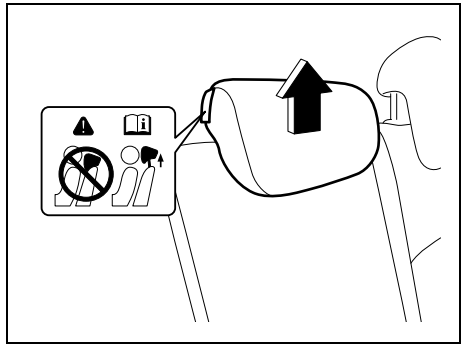


76TS20180

To raise the rear head restraint, pull up the head restraint until it clicks. To lower the head restraint, push down the head restraint while holding in the lock button (1). If a head restraint must be removed (for cleaning, replacement, etc.), push in the lock button (1) and pull the head restraint all the way out.

When installing a child restraint system, adjust the height of the head restraint or remove it for fitting the child restraint system, as necessary.

Rear center head restraint



52RM251

When using the rear center head restraint, pull it up and lock it securely before driving.

⚠ WARNING

Do not allow anyone to sit in the rear center seat with the rear center head restraint removed or in stowed position.

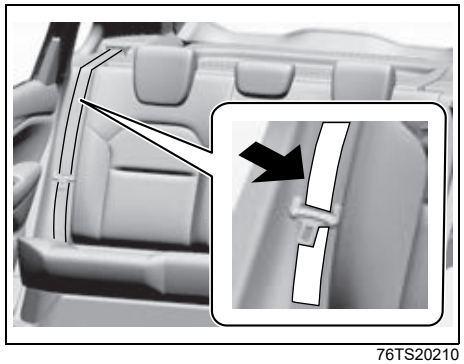
Seat Utility

Folding Rear Seats

The rear seats of your vehicle can be folded forward to provide additional cargo space.

To fold the rear seats forward:

1) Lower the head restraint fully.

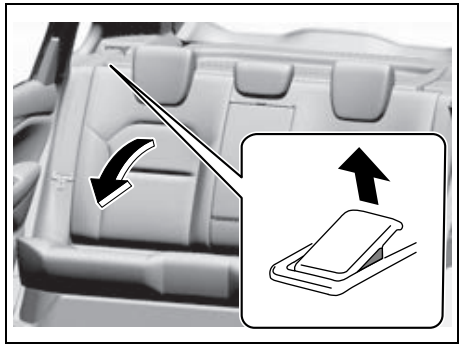


76TS20210

2) Move the outboard lap shoulder belts to the rear door side trims.

NOTICE

- **When you move a seatback, make sure the seat belts are placed on the rear door side trims so the seat belts and buckles are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.**
- **Make sure the belt webbing is not twisted.**



76TS20190

3) Slide the release lever on the top of each split seat in arrow direction, and fold the seatbacks forward.

NOTICE

After folding the rear seatback forward, do not allow any foreign material to enter the lock opening. This may cause damage to the inside of the lock and prevent the seatback from being locked securely.

⚠ WARNING

If you need to carry cargo in the passenger compartment with the rear seatback folded forward, secure the cargo or it may be thrown about, causing injury. Never pile cargo higher than the seatbacks.

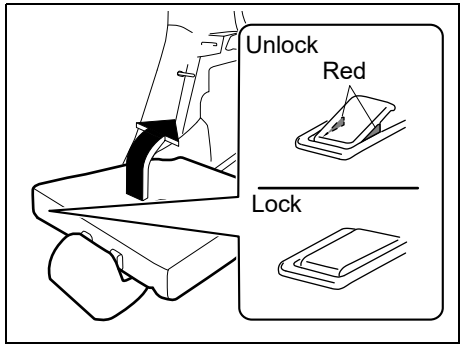
To return the seat to the normal position, follow the procedure below.

⚠ CAUTION

When returning the rear seatback to the normal position, be careful that your finger is not caught between the lock and the striker.

NOTICE

When you move a seatback, make sure the seat belts are placed on the rear door side trims so the seat belts and buckles are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.



76TS20200

Raise the seatback until it locks into place.

After returning the seat, move the seatback back and forth to check if it is securely latched.

⚠ CAUTION

Do not put your hand into the rear seatback lock opening, or your finger may get caught and be injured.

⚠ CAUTION

After securing the rear seatback, check that it is locked securely. If it is not, red will appear in the release lever.

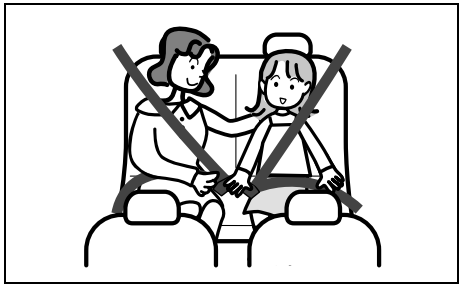
NOTICE

- **When returning the rear seatback to the normal position, do not allow any foreign material to enter the lock opening. This may prevent the seatback from being locked securely.**
- **When returning the rear seatback to the normal position, handle it carefully by hand to avoid any damage to the lock itself. Do not push it by using some material or by applying excessive force.**
- **As the lock is designed exclusively for securing the rear seatback, do not use it for any other purpose. Incorrect use of it may cause damage to the inside of the lock and prevent the seatback from being locked securely.**

Safety for Child

For safety, carefully drive at lower speed than usual.

Place a Child in the Rear Seat



51K0188

- Seat a child next to an adult when possible, and ensure that the child can be visually monitored.
- Select an appropriate child restraint system suitable for the child's age and physical size.

⚠ WARNING

- **If you do not use the child-proof lock, a child may open a door and the child may be thrown out, resulting in severe injury. To avoid this, use the child-proof lock setting.**
- **When it is necessary to seat the child who does not need a child restraint system in the front passenger's seat, observe the following point.**
  - **– Slide the front passenger's seat all the way back. If the front passenger's seat is in a forward position, there is a risk of serious injury due to major impact if the front passenger's seat airbag was to be deployed.**

(Continued)

⚠ WARNING

(Continued)



59RN04650

- **– If a child put a hand out of the window or lean on a door, the child may get severe injury by a strong impact of side or curtain airbag activation.**
  Do not allow a child to put hand out of the window or lean on a door.
- **Do not allow the hands or feet, etc., of a child near movable parts inside a vehicle, such as the armrests and the seat rails. Otherwise, there is the possibility of injury.**

A Child Needs to Wear Seat Belt



69RHS159

⚠ WARNING

- **Do not drive with a child on your lap. Even if you hold the child tightly, proper support is not possible, and in the event of a collision, etc., the child may get serious injury.**
- **If a child does not wear a seat belt, in a sudden braking and a collision, the child may get serious injury.**
  Be sure to always have a child wear a seat belt.

(Continued)

⚠ WARNING

(Continued)

- **If two or more people use a single seat belt, in a sudden braking and a collision, the seat belt may not provide the best performance, resulting in severe injury.**
  Do not allow two or more people to use a single seat belt.

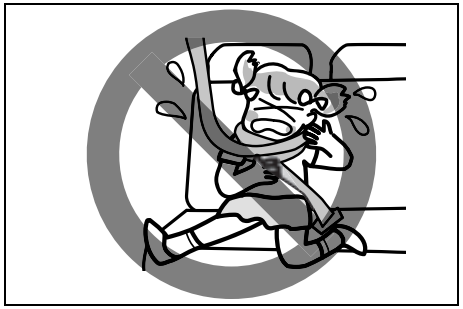


69RHS160

⚠ WARNING

- **The seat belts of this vehicle are designed to be suitable for occupants of adult size. If the shoulder strap rests on the neck or chin of a child rather than the shoulder, or if the lap portion of the belt does not rest securely on the hipbone, ensure that the child is seated in a child restraint system placed in the rear seat. Failure to properly use a seat belt may result in serious injury to the child.**
- **Use a child restraint system securely fastened to the rear seat for any child that cannot hold their head upright or sit on their own.**

Do not Let a Child Play with Seat Belt



69RHS161

⚠ WARNING

If a child play with a seat belt, for example, if the child's body is wrapped by the seat belt, it may cause severe injury such as suffocation. In case of emergency, cut the seat belt with scissors.

Using the Child Restraint System

Refer to “Securing Child Restraint System by Seat Belt” in this section.

An Adult Needs to Open or Close Each Door or Window, and Adjust Seats

Only an adult should open or close each door or window and adjust seats, not to get a child's hands, arms, legs or neck, etc. caught in.



69RHS162

⚠ WARNING

- **If the windows are not locked, a child may operate the windows by mistake or the other passengers may be caught in the windows.**
  To avoid unintended operation of the power window by a child, use the window lock switch.

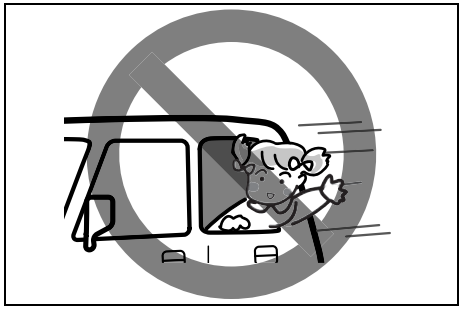
(Continued)

⚠ WARNING

(Continued)

- **If you leave the power window in ready condition, it may cause unintended operation of the power window by a child, resulting in an accident.**
  When you leave the vehicle, make sure to press the engine switch to change the ignition mode to OFF, keep the key with you and leave the vehicle with your child.

Do not Let a Child Stick His/her Head or Hands out of the Window

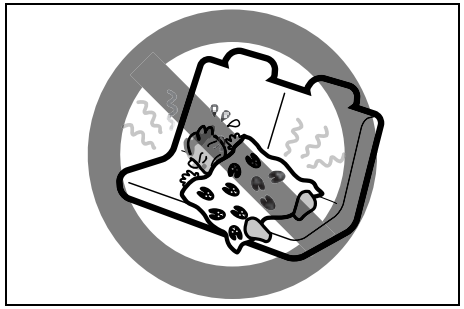


69RHS163

⚠ WARNING

Ensure that a child does not put their hands or heads, etc., out the windows. Otherwise, serious injuries due to falling out or sudden braking may occur. Moreover, serious injury could also occur if a child were to come into contact with objects outside the vehicle.

Do not Leave a Child Unattended in the Vehicle



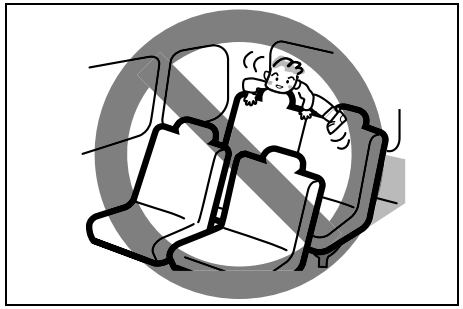
69RHS164

⚠ WARNING

When getting out of the vehicle, do not allow a child to stay in the vehicle without you.

- **Unintended and wrong operations by a child may cause a fire or an accident from the vehicle start.**
- **As the inside temperature of the vehicle will become hot under the blazing sun, a child may suffer from heat stroke or dehydration, resulting in severe health problems or death in the worst case. Even if you turn on the air conditioner, do not leave a child alone in the vehicle.**

Do not Place a Child in Luggage Compartment



69RHS165

⚠ WARNING

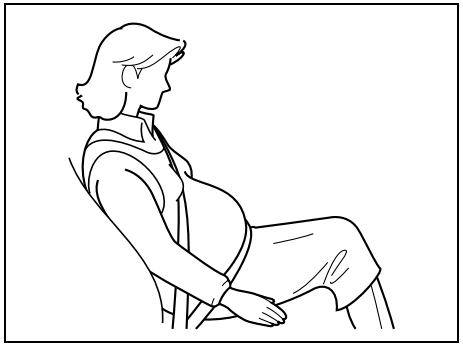
The luggage areas do not feature a structure that can accommodate people. Do not allow a child to ride in such areas. Otherwise, there is the danger of accidents due to sudden braking, etc. Do not let a child play in luggage areas even while the vehicle is stopped on the road.

Seat Belt

A Child Needs to Wear Seat Belt

Refer to “Safety for Child” in this section.

Information for Pregnant Woman and the Sick Person



69RHS166

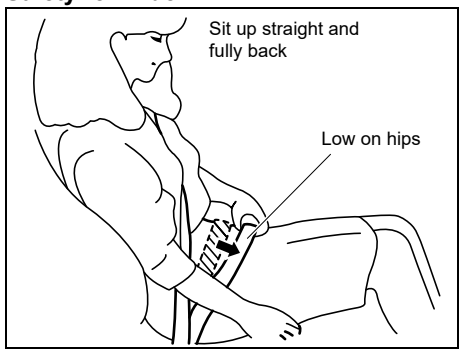
⚠ WARNING

- **Those that are pregnant or sick/disabled must also wear their seat belts. However, in the event of a collision, there is the danger of heavy pressure focused on certain body areas. Consultation with a physician is recommended.**
- **For those that are pregnant, ensure that the lap portion of the belt is as low as possible across the pelvis, avoiding to touch the abdomen. Make sure that the shoulder strap rests halfway between the shoulder and the base of the neck, crossing the chest and avoiding to touch the abdomen.**

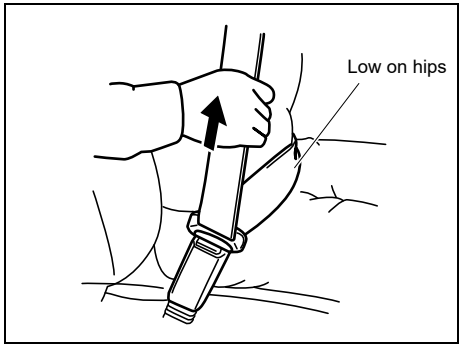
Lap-shoulder Belt

Emergency Locking Retractor (ELR)
The seat belt has an emergency locking retractor (ELR), which is designed to lock the seat belt only during a sudden stop or impact. It also may lock if you pull the belt across your body very quickly. If this happens, let the belt go back to unlock it, and then pull the belt across your body more slowly.

Safety reminder

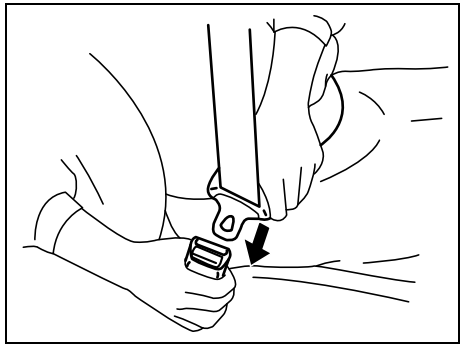


59RN02310



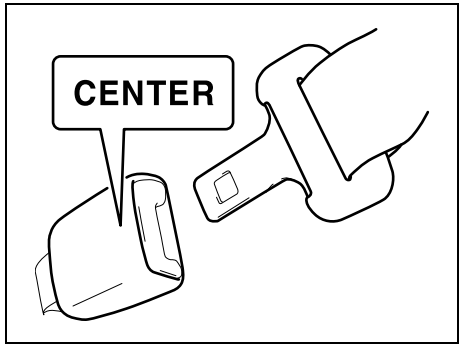
59RN02320

To reduce the risk of sliding under the belt during a collision, position the lap portion of the belt across your lap as low on your hips as possible and adjust it to a snug fit by pulling the shoulder portion of the belt upward through the latch plate. The length of the diagonal shoulder strap adjusts itself to allow freedom of movement.



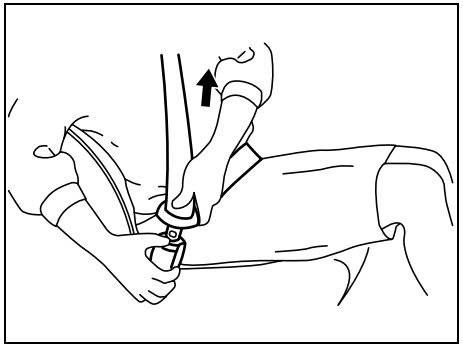
59RN02330

To fasten the seat belt, sit up straight and far back into the seat, pull the latch plate attached to the seat belt across your body and press it straight into the buckle until you hear a click. After pressing the latch plate into the buckle, pull the seat belt to make sure it is securely latched. After pressing the latch plate into the buckle, pull the seat belt to make sure it is securely latched.



80J2008

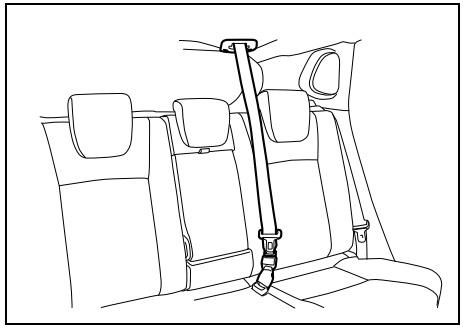
NOTE:
The word "CENTER" is marked on the buckle for the rear center belt. The buckles are designed so a latch plate cannot be inserted into the wrong buckle.



59RN02340

To unfasten the seat belt, push the red "PRESS" button on the buckle and retract the belt slowly while holding the belt or/and the latch plate.

Lap-Shoulder Belt with Detachable Connector

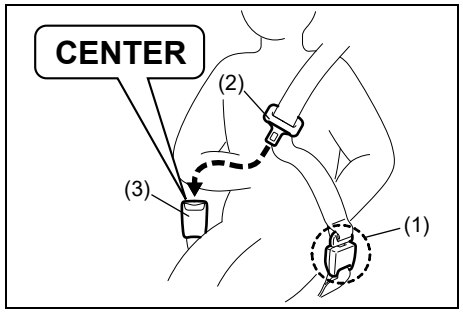


65T02100

The rear center lap-shoulder belt has a buckle, a latch plate and a detachable connector. The buckle is marked as “CENTER” for distinction from the rear left seat belt buckle. The rear center seat belt buckle and the connector are designed so as not to allow a wrong latch plate to be inserted.

When the rear seatback is in the upright position, keep the detachable connector latched. Only when the rear seatback will be folded down, unlatch the detachable connector. To latch and unlatch the connector, see “Unlatching and Latching Detachable Connector” later in this section.

Fastening

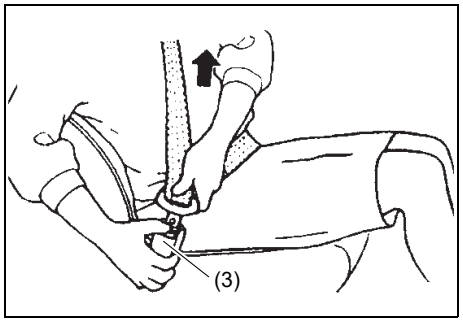


61MM0A060a

Before fastening the rear center lap-shoulder belt, make sure the detachable connector (1) is securely latched and the webbing is not twisted.

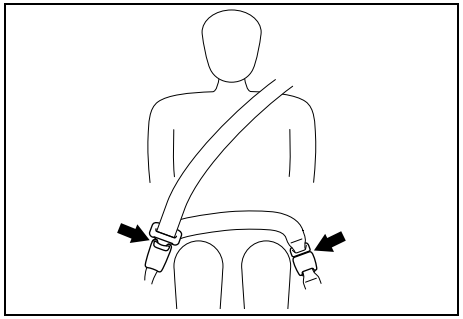
To fasten the belt, sit up straight and well back in the seat, pull the latch plate (2) across your body and press it straight into the buckle (3) until you hear a click.

Unfastening

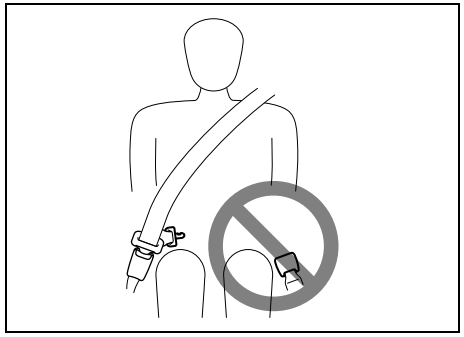


61MM0A094a

To unfasten the seat belt, push the button on the buckle (3) and retract the belt slowly while attaching a hand to the belt or/and the latch plate.



61MM0A061



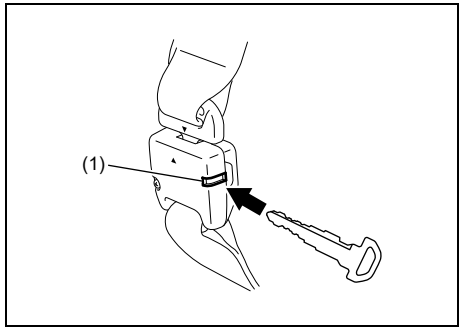
61MM0A062

⚠ WARNING

To minimize risk of severe injury or death in the event of a collision, always wear seat belt with both latches buckled.

Unlatching and Latching Detachable Connector

Unlatching



76TS40620

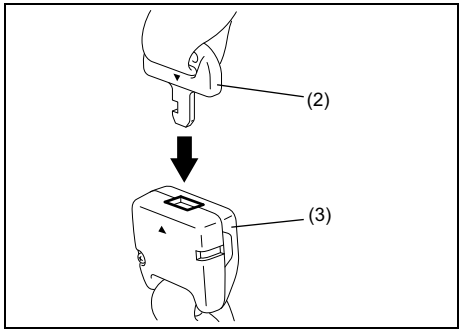
To unlatch the connector:
1) Insert a latch plate into the slot (1) on the connector and allow the belt to retract.
2) Once the belt has completely retracted, stow the belt in the holder. Refer to “Stowing Rear Center Lap-Shoulder Belt” for details later in this section.

NOTICE

When the rear seatback is folded forward, be sure to unlatch the connector of rear center lap-shoulder belt. Otherwise, the seat belt webbing can be damaged.

Latching

To latch the connector:
1) Pull the belt out from the holder.



61MM0A064

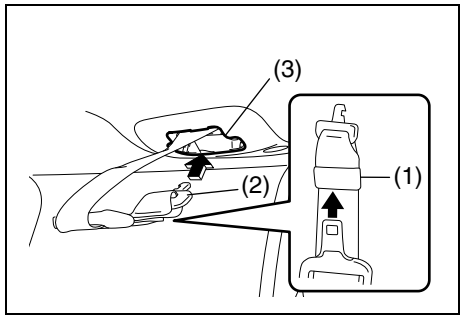
2) Insert the connector latch plate (2) into the connector (3) until you hear a click.

⚠ WARNING

Make sure the detachable connector is securely latched and the webbing is not twisted.

Stowing Rear Center Lap-Shoulder Belt

Stow the belt after it is retracted completely.



61MM0A065

To stow the belt, insert the latch plate into the slit (1). Then insert the connector latch plate (2) into the roof holder slot (3).

Adjustment of Seat Belt Length

The seat belt does not require length adjustment. The seat belt extends and retracts according to the movement of the body. If the seat belt gets a strong impact, the belt locks its tension automatically, in order to secure the body.

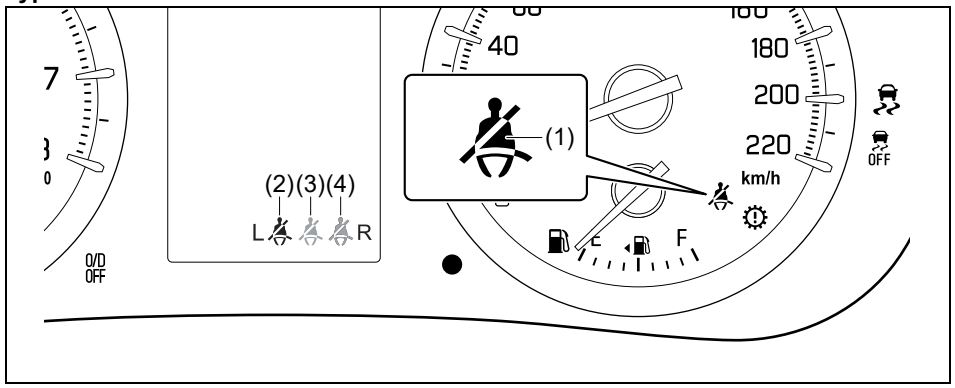
Correct Use of Seat Belt

⚠ WARNING

- **Use the seat belt correctly. Otherwise, in a sudden braking or a collision, the body may not be restrained, resulting in severe injury. Observe the following points.**
- **If the seat belt is twisted or contains excessive slack, there is danger of heavy pressure focused on certain body areas.**
- **If the seat belt rests on the abdomen, this area may sustain heavy pressure when you get a strong impact.**
- **If the seat belt does not rest firmly over the shoulder, you may be thrown forward when you get a strong impact.**

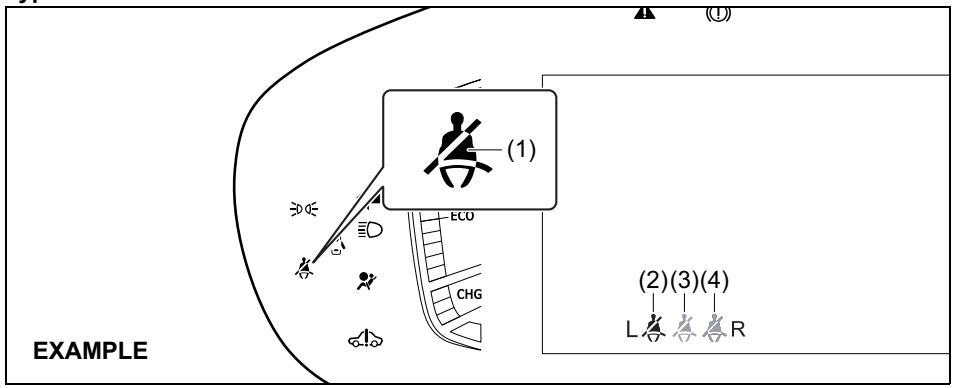
Seat Belt Reminder

Type A



76TS20551

Type B



76TS20223

(1) Driver's seat belt reminder light / front passenger's seat belt reminder light
(2) Rear passenger's seat belt reminder light (rear left)
(3) Rear passenger's seat belt reminder light (rear center)
(4) Rear passenger's seat belt reminder light (rear right)

For more details, refer to the explanation below.

⚠ WARNING

It is absolutely essential that the driver, front passenger and rear passenger fasten their seat belts at all times. Persons who are not fastening seat belts have a much greater risk of injury if an accident occurs. Make a regular habit of buckling your seat belt before starting the engine.

NOTE:

- *Along with the seat belt reminder light, a reminder message shall also come on the information display (if equipped), for un-restrained driver and/or front passenger.*
- *The driver's seat belt reminder light / front passenger's seat belt reminder light is for both the driver and front passenger.*

Driver's seat belt reminder

If the driver's seat belt remains unbuckled when the engine switch is pressed to change the ignition mode to ON, the reminder works as follows:

1) The driver's seat belt reminder light will come on.
2) After the vehicle's speed has reached about 15 km/h, the driver's seat belt reminder light will blink and a buzzer will sound for about 95 seconds.
3) The reminder light will remain on until the driver's seat belt is buckled.

If the driver has buckled his or her seat belt and later unbuckles the seat belt, the reminder system will be activated from Step 1) or 2) according to the vehicle's speed. When the vehicle's speed is less than 15 km/h, the reminder will start from Step 1). When the vehicle's speed is more than 15 km/h, the reminder will start from Step 2).

The reminder will be automatically canceled when the driver's seat belt is buckled or the engine switch is pressed to change the ignition mode to LOCK (OFF).

Front passenger's seat belt reminder

If there is a person sitting in the front passenger seat and the front passenger seat belt is unbuckled when the engine switch is pressed to change the ignition mode to ON, the front passenger's seat belt reminder will activate. The front passenger's seat belt reminder works in the same manner as the driver's seat belt reminder.

NOTICE

The sensor of the front passenger's seat belt reminder is located in the seat cushion. Therefore, if you spill liquid such as liquid aromatics, soft drinks or juice on the front passenger's seat cushion, immediately wipe it dry with a soft cloth. Otherwise, the sensor of the front passenger's seat belt reminder can be damaged.

NOTE:

- *If you put an object on the passenger's seat, the weight of the object will be sensed by the sensor and the front passenger's seat belt reminder light will come on and then the interior buzzer may beep.*
- *If a child or a small sized person sit on the front passenger's seat or the cushion is put on the front passenger's seat, the weight will not be sensed by the sensor and the interior buzzer may not beep.*

Rear passenger's seat belt reminder

Reminder light in speedometer for rear passengers to fasten their seat belts.

Whether or not a passenger is seated, the rear seat belt reminder system works as follows, when ignition mode is turned ON:

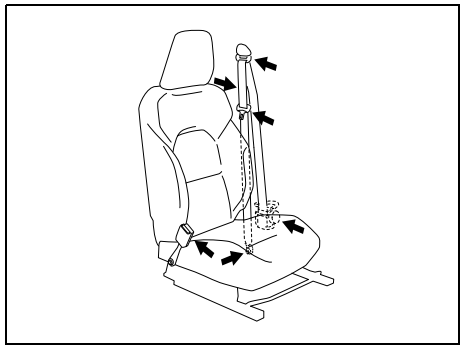
1) Reminder light will turn ON for the non-buckled seats and continue for vehicle speed below 15 km/h.
2) When vehicle speed is above 15 km/h, reminder light will remain ON for the non-buckled seats for about 65 seconds and then turn OFF.
3) Further, when a buckled seat belt is unbuckled, the corresponding reminder light will turn ON. Above 15 km/h, the reminder light will blink (about 65 seconds) along with a buzzer sound (about 35 seconds). The reminder light will remain ON until the seat belt is buckled.

If rear door is opened in vehicle stationary condition, then reminder system will start from step 1.

The reminder will be automatically canceled when all the rear seat belts are buckled or the ignition mode to LOCK (OFF).

Handling and Care for Seat Belt

Seat Belt Handling



76TS20340

Periodically check if the seat belts work properly and are not damaged. Check the webbing, buckles, latch plates, retractors, anchorages and guide loops. Replace any seat belts which do not work properly or are damaged.

⚠ WARNING

- **Inspect all seat belt assemblies after any collision. Any seat belt assembly which was in use during a collision (other than a very minor one) should be replaced, even if damage to the assembly is not obvious. Any seat belt assembly even which was not in use during a collision must be replaced if the seat belt pretensioners were activated. The pretensioners and the load limiter only function once. In case they did not activate, consult with Your Toyota Dealer.**
- **If frays, scratches, cuts are found on the seat belt, replace it with a new one.**
- **If the buckle does not work properly, ask Your Toyota Dealer for inspection.**
- **If strong force was applied to the seat belt in a collision, the seat belt function may be damaged, even though its appearance is normal. Replace the seat belt with a new one.**

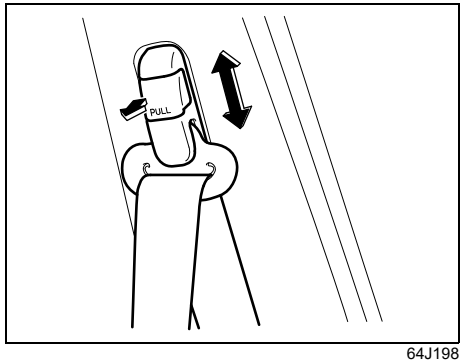
(Continued)

⚠ WARNING

(Continued)

- **As the seat belt may not provide the best performance and it may result in severe injury in case of emergency, observe the following points.**
  - **– When foreign material enters into the buckle or you spill a drink, the seat belt may not work properly. In this case, ask Your Toyota Dealer for inspection.**
  - **– As the seat belt may be damaged, be careful not to get the seat belt caught in the door. Before closing the door, check that the seat belt is retracted without any slack.**
  - **– Do not modify or remove the seat belt.**

Shoulder anchor height adjuster (Only for Front Seat)



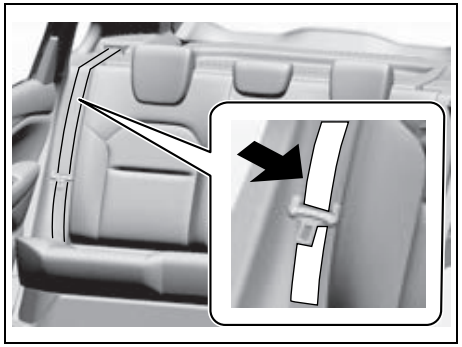
64J198

Adjust the shoulder anchor height so that the shoulder belt rides on the center of the outboard shoulder. To move upward, slide the anchor up. To move downward, slide the anchor down while pulling the lock knob out. After adjustment, check that the anchor is securely locked.

⚠ WARNING

Check that the shoulder belt is positioned on the center of the outside shoulder. The belt should be away from your face and neck, but not falling off your shoulder. Misadjustment of the belt could reduce the effectiveness of the seat belt in a collision.

Rear Seat Belt Handling



76TS20210

Place the outboard lap shoulder belts on the rear door side trims when the rear seat belts are not used.

NOTICE

When you move a seatback, make sure the seat belts are placed on the rear door side trims so the seat belts and buckles are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.

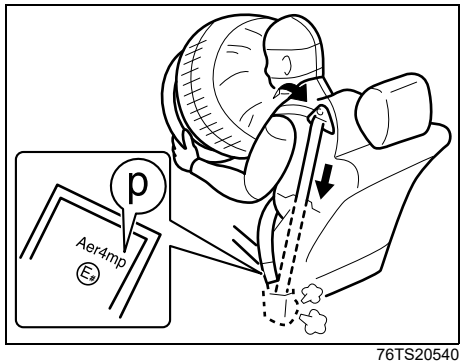
Seat Belt Care

Caring for seat belts is the same as caring for any type of regular cloth material, etc.

⚠ WARNING

Do not use bleach, solvent or dyes on seat belts. Doing so may cause stains, discoloration and strength deterioration, and the seat belt may not function properly.

Seat Belt Pretensioner System (Only for Front Seat)



76TS20540

⚠ WARNING

This section describes your Toyota vehicle's seat belt pretensioner system. Read and follow all these instructions carefully to minimize your risk of severe injury or death.

To determine if your vehicle is equipped with a seat belt pretensioner system at the front or rear seating positions, check the label on the seat belt at the bottom part.

If the letter "p" appears as illustrated, your vehicle is equipped with the seat belt pretensioner system. You can use the pretensioner seat belts in the same manner as ordinary seat belts.
Read this section and "Supplemental Restraint System (Airbags)" section to learn more about the pretensioner system.

The seat belt pretensioner system works with the supplemental restraint system (airbags). The crash sensors and the electronic controller of the airbag system also control the seat belt pretensioners. The pretensioners are triggered only when there is a frontal or side collision severe enough to trigger the airbags and the seat belts are fastened. For precautions and general information including servicing the pretensioner system, refer to "Supplemental Restraint System (Airbags)" section in addition to this "Seat Belt Pretensioner system" section, and follow all those precautions.
The pretensioner is located in each front seat belt retractor. The pretensioner tightens the seat belt so the belt fits the occupant's body more snugly in the event of a frontal or side collision. The retractors will remain locked after the pretensioners are activated. Upon activation, some noise will occur and some smoke may be released. These conditions are not harmful and do not indicate a fire in the vehicle.

The driver and all passengers must be properly restrained by fastening seat belts at all times, whether or not a pretensioner is equipped at their seating position, to minimize the risk of severe injury or death in the event of a collision.

Sit fully back in the seat; sit up straight; do not lean forward or sideways. Adjust the belt so the lap portion of the belt is worn low across the pelvis, not across the waist. Please refer to "Seat Adjustment" section and the instructions and precautions about the seat belts in this "Seat Belts and Child Restraint Systems" section for details on proper seat and seat belt adjustments.Please note that the pretensioners along with the airbags will activate in severe frontal or side collisions. They are not designed to activate in rear impacts, roll-overs, or minor frontal side collisions. The pretensioners can be activated only once. If the pretensioners are activated (that is, if the airbags are activated), have the pretensioner system serviced by Your Toyota Dealer as soon as possible.

If airbag warning light on the instrument cluster does not blink or come on briefly when the ignition mode is changed to ON, stays on for more than 10 seconds, or comes on while driving, the pretensioner system or the airbag system may not work properly. Have both systems inspected by Your Toyota Dealer as soon as possible.

Service on or around the pretensioner system components or wiring must be performed only by Your Toyota Dealer who is specially trained. Improper service could result in unintended activation of pretensioners or could render the pretensioner inoperative. Either of these two conditions may result in personal injury.

To prevent damage or unintended activation of the pretensioners, check that the lead-acid battery is disconnected and the ignition mode has been in LOCK (OFF) for at least 90 seconds before performing any electrical service work on your Toyota vehicle.

Do not touch pretensioner system components or wiring. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow. When scrapping your Toyota vehicle, ask Your Toyota Dealer, body repair shop, or scrap yard for assistance.

For Proper Operation of Seat Belt Pretensioner System

Do not modify any parts that can affect the functionality of the seat belt pretensioner system. The seat belt may be retracted unexpectedly, or it may not be properly retracted when necessary.

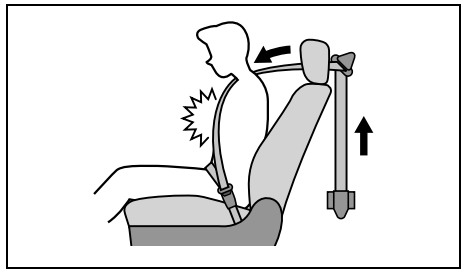
Disposal and Scrapping

Seat belt pretensioners that have not been activated must be activated according to the predetermined procedure before disposal.

⚠ WARNING

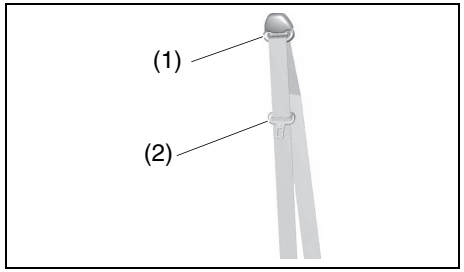
If you do not handle a pretensioner properly for disposal, the pretensioner system may activate unexpectedly, resulting in severe injury. When disposing of a pretensioner or scrapping the vehicle equipped with a pretensioner, consult Your Toyota Dealer.

Seat Belt Force Limiter System (Only for Front Seat)



69RHS167

In the event of a strong impact coming from the front, the seat belt force limiter operates in one stage to reduce a force to the shoulder strap, thus lessening the impact being sustained by the front passengers.



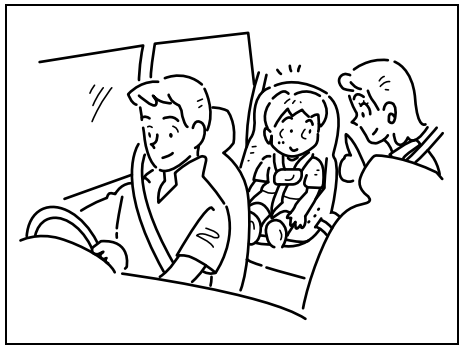
55T020340

⚠ WARNING

If the seat belt sustains strong impact, the resin of the shoulder anchor part (1) and the tongue plate part (2) could soften due to heavy friction, thus sticking to the seat belt, making the belt slide less easily. In such a case, the seat belt may not provide the best performance, resulting in severe injury in case of emergency. Have the seat belt replaced by Your Toyota Dealer.

Child Restraint Systems

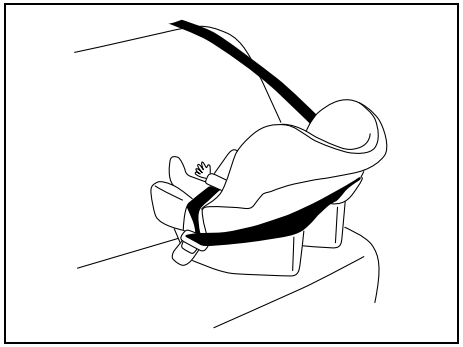
Child Restraint System Usage



59RN02280

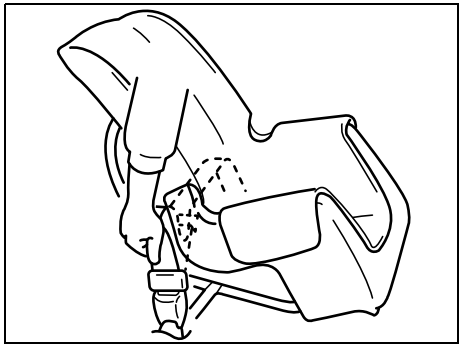
The following types of child restraint system are available generally.

Infant restraint



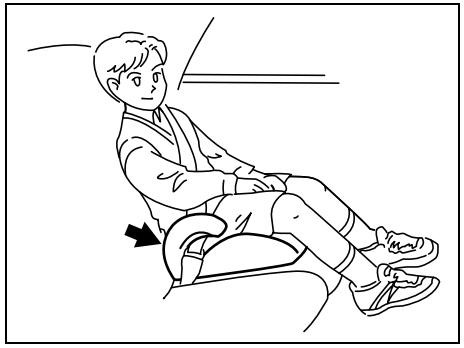
80JC007

Child restraint



59RN02350

Booster seat



59RN02290

TOYOTA highly recommends that you use a child restraint system to restrain infants and small children. Many different types of child restraint systems are available; check that the restraint system you select meets applicable safety standards.

All child restraint systems are designed to be secured in vehicle seats either by seat belts (lap belts or the lap portion of lap-shoulder belts) or by special rigid lower anchor bars built onto the floor. Whenever possible, TOYOTA recommends that child restraint systems be installed on the rear seat. According to accident statistics, children are safer when properly restrained in rear seating positions than in front seating positions.

NOTE:
Observe any statutory regulation about child restraints.

⚠ WARNING



61M0241

- **Do not install a child restraint system on the front passenger's seat.**
- **When installing a child restraint system to the rear seat, touching the child's foot or the child restraint system to the seatback of the front seat can cause serious injury to the child in the event of an accident. Adjust the front seat so that it does not touch the child or the child restraint system.**

(Continued)

⚠ WARNING

(Continued)

- **If child restraint systems are not installed properly, children or other occupants could be seriously injured in the event of an accident. Secure the child restraint system firmly according to both this manual and the instruction provided by child restraint system's manufacturer.**
- **If the child is not secured properly in the child restraint system, it could cause serious injury to the child in the event of an accident. Use the child restraint system correctly following the instruction provided by child restraint system's manufacturer.**
- **If you recline the seatback, a child restraint system may not be secured properly and a child body may slip beneath the seat belt. This may cause severe injury.**
  Do not recline the seatback when a child restraint system is installed on the seat.

(Continued)

⚠ WARNING

(Continued)

- **If you use the child restraint system which was severely damaged by an accident, etc., it may not provide the best performance. This may cause severe injury to a child. If the child restraint system was severely damaged by an accident, etc., do not reuse the child restraint system even though its appearance looks normal.**

Child Restraint Systems Installation Suitability for Each Seat Position

The suitability of each passenger's seat position for carriage of children and fitting of child restraint system is shown in the table below. Whenever you carry children up to 12 years of age, properly use the child restraints which conform to AIS 072 or UN R44*1 or UN R129*1, the standard for child restraints, referring to the table.
*1: UN R44/R129 means the international regulation for the child restraint system.

Child Restraint Systems Installation Suitability for Each Seat Position (AIS 072 Format)

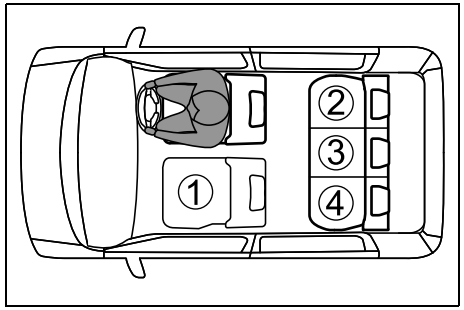
MASS GROUP#		Seating position (or other site)				
		Front Passenger	Rear Outboard	Rear Center	Intermediate Outboard	Intermediate Center
Group 0	Up to 10 kg	X	U	U	N.A.	N.A.
Group 0+	Up to 13 kg	X	U	U	N.A.	N.A.
Group I	9 to 18 kg	X	U	U	N.A.	N.A.
Group II	15 to 25 kg	X	U	U	N.A.	N.A.
Group III	22 to 36 kg	X	U	U	N.A.	N.A.

Key letters in the above table indicates the following:
U =Suitable for 'universal' category restraints approved for use in this mass group
X =Seat position not suitable for children in this mass group
N.A = Seat position not available for children in this mass group.

NOTE:
- *'universal' is the category as per AIS 072.*
- *'Outboard' indicates window side seat.*

#: Mass Groups are classification of child restraint systems which conform to AIS 072 or UN R44.

Child Restraint Systems Installation Suitability for Each Seat Position (UN R16*2 Format)



55T02002

NOTE:
For detailed information on seating positing for child restraint system, please refer to the table on the next page.

①	✕
② (#1, #2)	U
③ (#1, #2)	U
④ (#1, #2)	U

U It is suitable for universal category of child restraint system fixed with the vehicle seat belt.

It is suitable for i-Size and ISOFIX child restraint system.

This seat is equipped with Top tether anchorage point.

Never use a rearward facing child restraint system on passenger seat with active passenger airbag.

✕ It is not suitable for child restraint system.

NOTICE

#1 If the head restraint interferes with the child restraint system, adjust the height of the head restraint or remove it, as necessary.

#2 When you install a forward facing child restraint, if there is a gap or space between the child restraint and the seatback, adjust the seatback angle in order to install the child restraint system properly.

*2: UN R16 means the international regulation for safety belts, including compatibility with child restraint systems.

Detailed information for child restraint system (UN R16 Format)

	Seating position			
Seat position number	①	②	③	④
Seating position suitable for universal belted (YES/NO)	NO	YES	YES	YES
i-Size seating position (YES/NO)	NO	YES	NO	YES
Seating position suitable for lateral fixture (L1/L2)*	NO	X	NO	X
Suitable rearward facing fixture (R1/R2X/R2/R3)*	NO	R1,R2,R3	NO	R1,R2,R3
		R2X#1		R2X#1
Suitable forward facing fixture (F2X/F2/F3)*	NO	F2,F3	NO	F2,F3
		F2X#1		F2X#1
Suitable booster fixture (B2/B3)*	NO	B2, B3	B2, B3	B2, B3

Key letters in the above table indicates the following:
YES =Suitable for this seating position
NO = Not suitable for this seating position
X =This ISOFIX seat position is not suitable for ISOFIX child restraint systems in this fixture.

The child restraint system can be used in the seating positions for fixture shown in the above table.

NOTE:
#1:The head restraint should be pulled up until it clicks.

*For child restraint system fixtures mentioned herein, refer to table on the next page.

If your child restraint system has no size class (or if you cannot find information in the following table), refer to the child restraint system suitability information for the vehicle or ask with child seat retailer.

ISOFIX child restraint systems are shown as follows:

ISOFIX child restraint systems are divided into different mass group, size class and fixture.

Mass group	Size class of child restraint system	Fixture	Description
0 (up to 10 kg)	F	L1	Left Lateral facing position Child Restraint Systems (carry-cot)
	G	L2	Right Lateral facing position Child Restraint Systems (carry-cot)
	E	R1	Rearward facing Infant Child Restraint Systems
0+ (up to 13kg)	E	R1	Rearward facing Infant Child Restraint Systems
	D	R2	Reduced-Size rearward facing toddler Child Restraint Systems
	–	R2X	Reduced-Size rearward facing toddler Child Restraint Systems
	C	R3	Full-Size rearward facing toddler Child Restraint Systems
I (9kg to 18kg)	D	R2	Reduced-Size rearward facing toddler Child Restraint Systems
	–	R2X	Reduced-Size rearward facing toddler Child Restraint Systems
	C	R3	Full-Size rearward facing toddler Child Restraint Systems
	B	F2	Reduced-Height forward facing toddler Child Restraint Systems
	B1	F2X	Reduced-Height forward facing toddler Child Restraint Systems
	A	F3	Full-Height forward facing toddler Child Restraint Systems

Mass group	Size class	Fixture	Description
II (15kg to 25kg)	X	X	–
III (22kg to 36kg)	X	X	–

Key letters in the above table indicates the following:
X = There is no fixture for this mass group.

Booster seat fixtures are shown as follows;

Fixture	Description
B2	Booster seat, reduced width 440 mm
B3	Booster seat, full width 520 mm

Installation suitability of TOYOTA recommendation child restraint systems for India

Body size	Direction of Child restraint system	Recommendation of Child restraint system (#A)	Seating position			
			①	②	③	④
40 - 83 cm ≤ 13 kg	Rearward facing	BRITAX RÖMER BABY-SAFE 3 i-SIZE	NO	YES (#1)	NO	YES (#1)
40 - 83 cm ≤ 13 kg	Rearward facing	BRITAX RÖMER BABY-SAFE 3 i-SIZE and VARIO BASE 5Z	NO	YES	NO	YES
40 - 83 cm ≤ 13 kg	Rearward facing	BRITAX RÖMER BABY-SAFE 3 i-SIZE and FLEX BASE 5Z	NO	YES	NO	YES
76 - 105 cm and exceed 15 months ≤ 20 kg	Forward facing	BRITAX RÖMER KING PRO	NO	YES (#1)	YES (#1)	YES (#1)
76 - 105 cm and exceed 15 months ≤ 22 kg	Forward facing	BRITAX RÖMER TRIFIX 2 i-SIZE	NO	YES	NO	YES

Key letters in the above table indicates the following:
YES =It is suitable for this seating position
NO = It is not suitable for this seating position

#1: Only belted.
#A:These child restraint systems are TOYOTA Genuine Accessory which comply with the UN R129, refer to the genuine accessories catalog.

Securing Child Restraint System by Seat Belt

Choose the appropriate seat for the child's age and physical size.

⚠ WARNING



61M0241

• Do not install a child restraint system on the front passenger's seat.
(Continued)

⚠ WARNING

(Continued)
• If you install a child restraint system in the rear seat, slide the front seat far enough forward so that the child's feet do not contact the front seatback. This will help avoid injury to the child in the event of an accident.

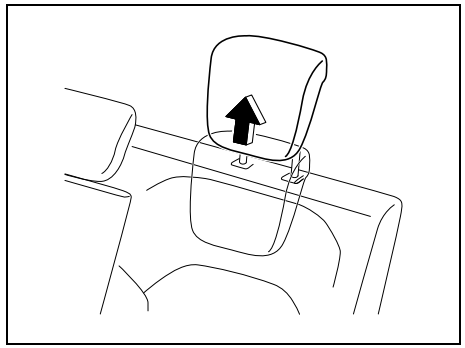
⚠ CAUTION

If your vehicle is equipped with the head restraint, adjust the height of the head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the head restraint is fitted, the head restraint should not be removed. If the head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint.
If the child restraint is fitted improperly, a child sitting in it could be injured in a collision.

NOTE:
Stow the removed head restraint in the luggage compartment so it will not cause inconvenience to the occupants.

Securing

This section explains securing the child restraint system in the rear seat.



76TS20170

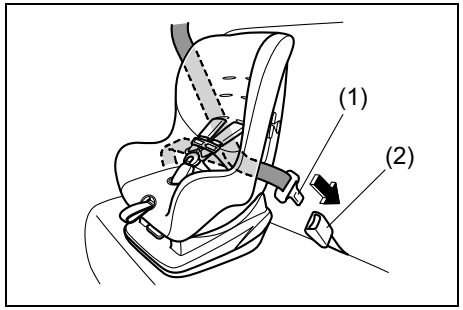
1) When the child restraint system contacts the head restraint, adjust the height of the head restraint or remove it for fitting the child restraint system.

⚠ WARNING

If the child restraint system contacts the head restraint, the child restraint system cannot be secured firmly. This may cause severe injury to a child in a collision.
When installing the child restraint system, adjust the head restraint height to the highest position as much as possible or remove the head restraint so that the child restraint system would not contact the head restraint.

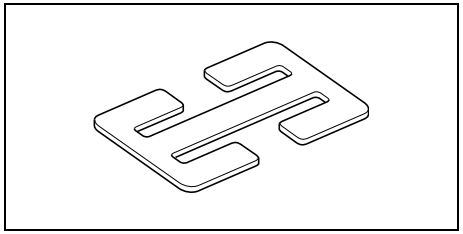
2) If your vehicle is equipped with the reclining mechanism of rear seatback, adjust the angle of the seatback so that there is no gap between the child restraint system and the seatback.

3) Make sure that the child restraint system is securely fastened to the main seat.
4) Make sure to pass the seat belt of the passenger's seat through the specified parts, according to the instruction manual that came with the child restraint system.



59RN02141

5) Insert the tongue plate (1) firmly into the seat belt buckle (2) until you hear a click.
   • The child restraint system in the above figure is a typical example.


72M00172

6) If the child restraint system does not have a seat belt locking mechanism or a locking clip, secure it to the seat by using an aftermarket locking clip.
   • The aftermarket locking clip shown in the above figure is a typical example.

⚠ WARNING

Failure to securely fasten a child restraint system via the seat belt locking mechanism or a locking clip may cause serious injury to a child when sudden braking or a collision occurs.

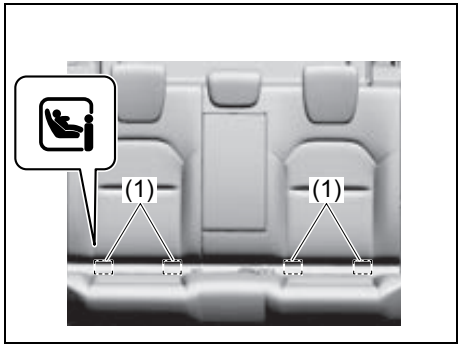
7) Shake the child restraint system back and forth, and left and right to check if it is securely in position.
   • If you cannot ensure secure positioning, check the instruction manual that came with the child restraint system or consult the dealer where you purchased the seat.

⚠ WARNING

Make sure to position the child restraint system securely. Failure in doing so could result in the child sustaining serious injury when sudden braking or a collision occurs.

Securing Child Restraint System by ISOFIX

Securing



76TS20240

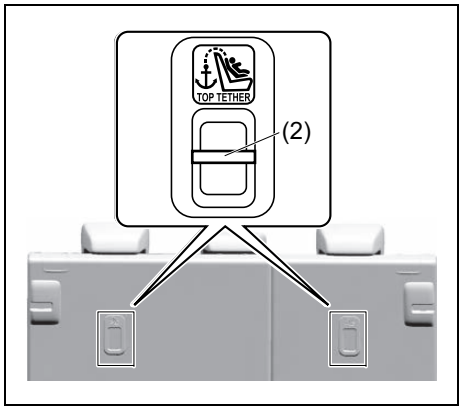
(1) Lower anchorage

Your vehicle is equipped with the lower anchorages in the rear seat outboard seating positions for securing a ISOFIX type of child restraints with the connecting bars. The lower anchorages are located where the rear of the seat cushion meets the bottom of the seatback.

⚠ WARNING

Install the ISOFIX type of child restraint(s) in the only outboard seating positions, not in the central position for the rear seat.

Install the ISOFIX type child restraint system according to the instructions provided by the child restraint system manufacturer. After installation, try moving the child restraint system in all directions especially forward to check that connecting bars are securely latched to the anchorages.



76TS20251

(2) Top tether anchorage

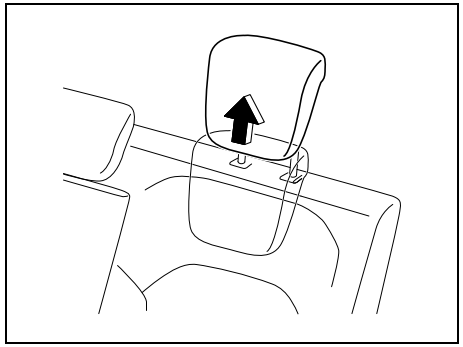
Your vehicle is equipped with the top tether anchorages. Use the top tether strap of the child restraint according to the instructions provided by the child restraint system manufacturer.

Here is a general instruction:

⚠ CAUTION

If your vehicle is equipped with the head restraint, adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the head restraint is fitted, the head restraint should not be removed. If the head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint.
If the child restraint is fitted improperly, a child sitting in it could be injured in a collision.

NOTE:
Stow the removed head restraint in the luggage compartment so it will not cause inconvenience to the occupants.

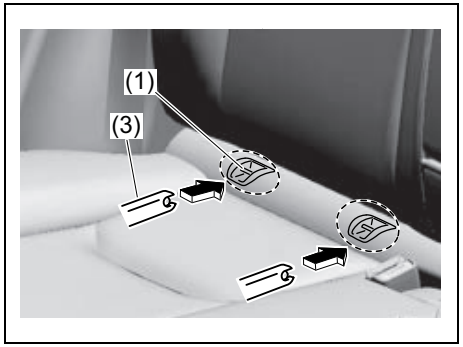


76TS20170

1) When the child restraint system contacts the head restraint, adjust the height of the head restraint or remove it for fitting the child restraint system.

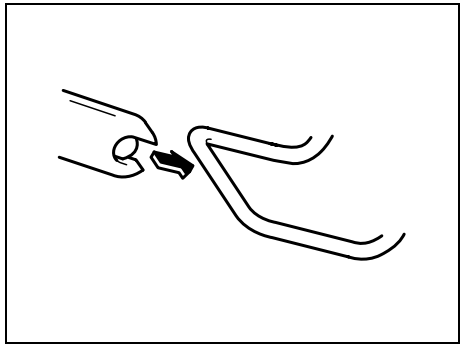
⚠ WARNING

If the child restraint system contacts the head restraint, the child restraint system cannot be secured firmly. This may cause severe injury to a child in a collision.
When installing the child restraint system, adjust the head restraint height to the highest position as much as possible or remove the head restraint so that the child restraint system would not contact the head restraint.



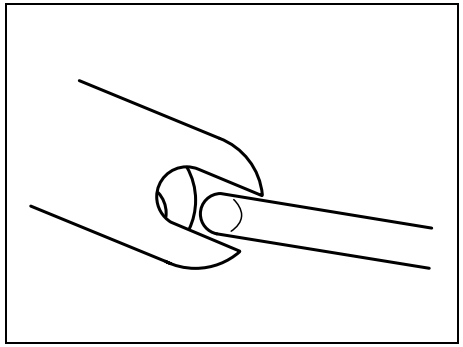
76TS20230

2) Place the child restraint in the rear seat, inserting the connecting bars (3) to the lower anchorages (1) between the seat cushion and the seatback.



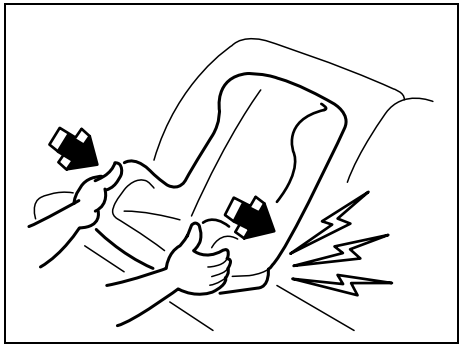
68LM268

3) Use your hands to carefully align the connecting bar tips with the anchorages. Take care not to pinch your fingers.



54G184

4) Push the child restraint toward the anchorages so that the connecting bar tips are partially hooked to the anchorages. Use your hands to confirm the position.

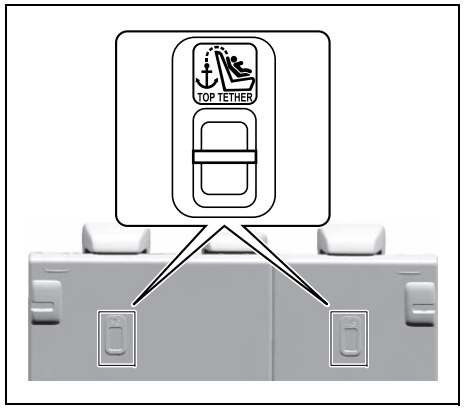


54G185

5) Grasp the front of the child restraint and push the child restraint forcefully to latch the connecting bars. Check that they are securely latched by trying to move the child restraint system in all directions, especially forward.
6) Attach the top tether strap referring to “Installation of child restraint with top tether” section.
   When you put your child in the child restraint system, appropriately slide the front seat forward not to touch a part of your child’s body.

NOTICE
When installing a child restraint system to the rear seat, adjust the front seat position so that the front seat does not interfere with the child restraint system.

Installation of Child Restraint with Top Tether



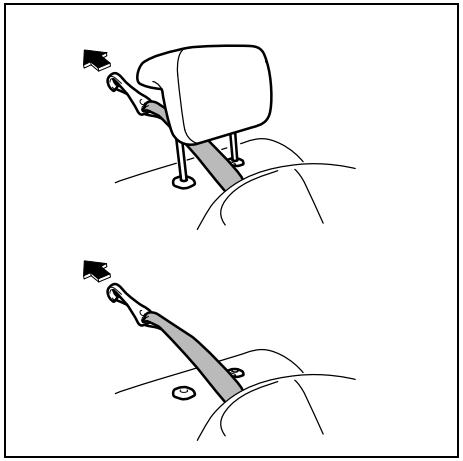
76TS20271

Some child restraint systems require the use of a top tether strap. Top tether anchorages are provided in your vehicle at the locations shown in the illustrations.
The number of the top tether anchorage brackets provided in your vehicle depends on the vehicle specification. Install the child restraint system as follows:

1) Remove the luggage compartment cover (if equipped).
2) Secure the child restraint on the rear seat using the procedure described above for securing a restraint system that does not require a top tether strap.
3) Hook the top tether strap to the top tether anchorage and tighten the top tether strap according to the instructions provided by the child restraint system manufacturer. Attach the top tether strap to the corresponding top tether anchorage located directly behind the child restraint. Do not attach the top tether strap to the luggage restraint loops (if equipped).

⚠ WARNING

Do not attach the child restraint top tether strap to the luggage restraint loops. Incorrectly attached top tether strap will reduce the intended effectiveness of the child restraint system.



52RS20431

4) When routing the top tether strap, pass the top tether strap as shown in the illustration. (Refer to “Head Restraints” section for details on how to adjust the height of head restraint or remove it.)
5) Check that cargo does not interfere with routing of the top tether strap.

⚠ WARNING

If the seat belt, etc. gets stuck in the child restraint system, it may not be secured properly and this may cause severe injury to a child in a collision. When you install the child restraint system, check that obstacles and the seat belt do not exist near the ISOFIX anchorages and the top tether anchorages.

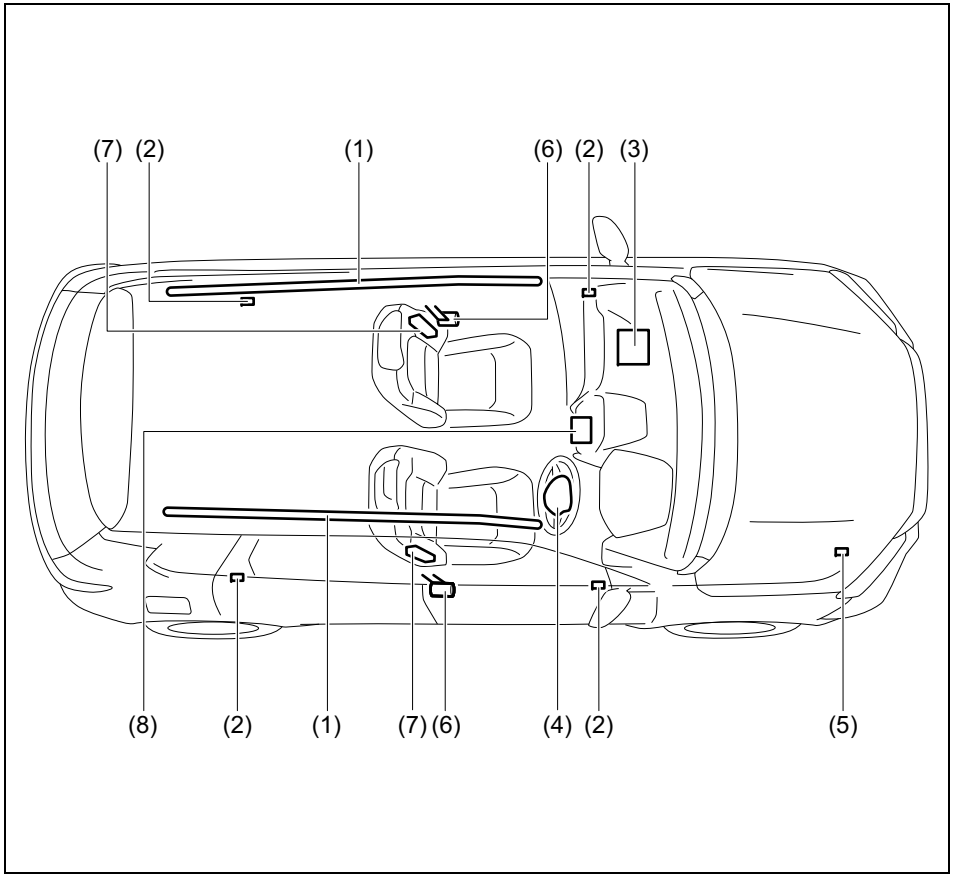
Supplemental Restraint System (Airbags)

⚠ WARNING

This section describes the protection provided by your TOYOTA vehicle's supplemental restraint system (airbags). Read and follow all instructions carefully to minimize your risk of severe injury or death in the event of a collision.

Your vehicle is equipped with a supplemental restraint system consisting of the following components in addition to a lap-shoulder belt at each seating position.

(1) Side curtain airbag module
(2) Side crash sensor (if equipped)
(3) Front passenger's front airbag module
(4) Driver's front airbag module
(5) Forward crash sensor
(6) Front seat belt pretensioner
(7) Side airbag module
(8) Airbag controller



76TS20450

What is SRS Airbag System?

SRS stands for “Supplemental Restraint System”. This system aims to restrain passengers in their seats for safety.



76TS20290

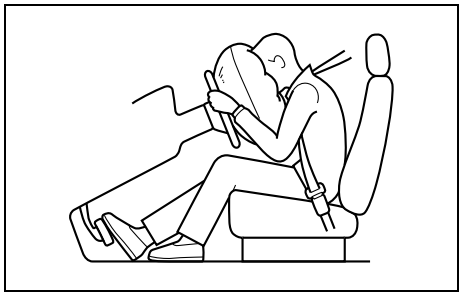
If airbag warning light on the instrument cluster does not blink or come on when the ignition mode is first changed to ON, or airbag warning light stays on, or comes on while driving, the airbag system (or the seat belt pretensioner system) may not work properly. Have the airbag system inspected by Your Toyota Dealer as soon as possible.

⚠ WARNING

- **SRS airbag system is not a substitute for seat belts. SRS airbag system is the supplemental restraint system and will provide the effectiveness by using the seat belts at the same time.**
  If you and the passengers do not fasten their seat belts, it may result in severe injury in a sudden braking or a collision.
  Even when you drive the vehicle equipped with SRS airbag system, make sure to fasten seat belt.
- **If the seat belts are not fastened properly, airbags may not provide the best performance. This may cause severe injury in a sudden braking and a collision.**
  Make sure that the driver and all the passengers fasten the seat belts properly in a correct posture.

NOTE:
Via the event data recorder (EDR) system, this vehicle records and accumulates data when the airbag is deployed.

Front airbags



80J090

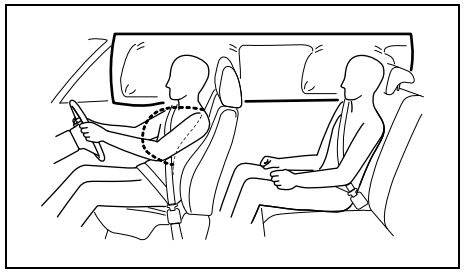
Front airbags are designed to inflate in severe frontal collisions when the ignition mode is ON.

NOTE:
In a frontal angle collision, the side airbags and side curtain airbags may inflate.

Front airbags are not designed to inflate in rear impacts, side impacts, rollovers or minor frontal collisions, since they would offer no protection in those types of accidents. Since an airbag deploys only one time during an accident, seat belts are needed to restrain occupants from further movements during the accident.

Therefore, an airbag is not a substitute for seat belts. To maximize your protection, always fasten your seat belts. Be aware that no system can prevent all possible injuries that may occur in an accident.

Side airbags and side curtain airbags



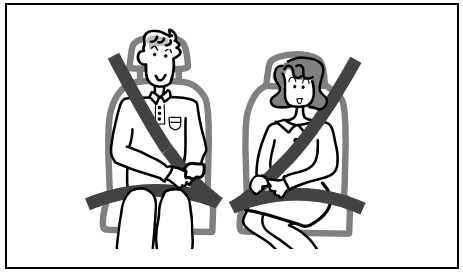
68KM090

Side airbags and side curtain airbags are designed to inflate in severe side impact collisions when the ignition mode is ON.

Side airbags and side curtain airbags are not designed to inflate in frontal or rear collisions, rollovers or minor side collisions, since they would offer no protection in those types of accidents. Only the side airbag and side curtain airbag on the side of the vehicle that is struck will inflate. However, in a frontal angle collision, the side airbags and side curtain airbags may inflate. Since an airbag deploys only one time during an accident, seat belts are needed to restrain occupants from further movements during the accident.
Therefore, an airbag is not a substitute for seat belts. To maximize your protection, always fasten your seat belts. Be aware that no system can prevent all possible injuries that may occur in an accident.

When Driving the Vehicle with SRS Airbag System

Make Sure to Fasten Seat Belt

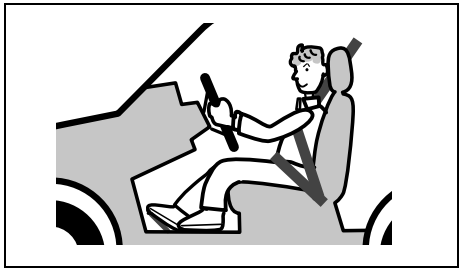


65J106

⚠ WARNING

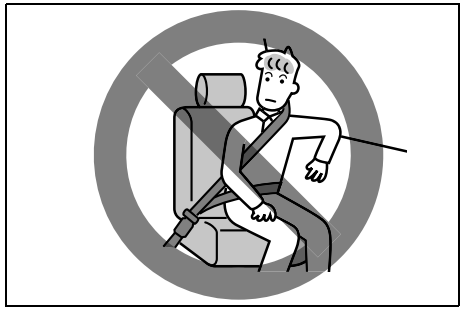
SRS airbag system is not a substitute for seat belts. SRS airbag system is the supplemental restraint system and will provide the effectiveness by using the seat belts at the same time. If you and the passengers do not fasten their seat belts, it may result in severe injury in a sudden braking or a collision.
Even when you drive the vehicle equipped with SRS airbag system, make sure to fasten seat belt.

Correct Sitting Posture



80J014

There is a possibility of major impact from the front airbags when the airbags activate and deploy instantaneously, the driver and the passenger should sit deeply into their seats and touch their backs lightly to the seatback. In addition, the seat should be positioned so that it is not too far forward.

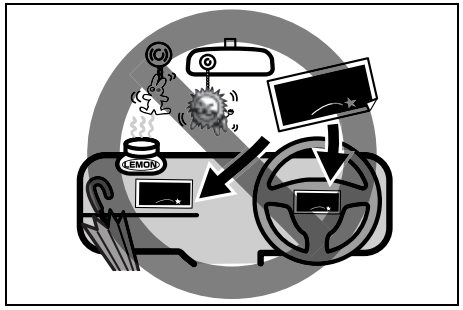


59RN02190

⚠ WARNING

- **Do not position your face, chest, etc., close to the steering wheel or instrument cluster, and do not rest your feet up into this area. Otherwise, there is the risk of serious injury due to major impact if the airbag were to be deployed.**
- **If side airbags or side curtain airbags activate, you may get strong impact, resulting in severe injury. Do not put hands out of the window or lean on the door. Also, when sitting in the rear seat, do not hug the seatback of the front seat.**

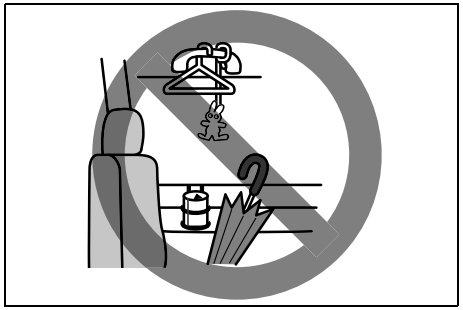
For Proper SRS Airbag System Operation



69RHS169

⚠ WARNING

- **Do not modify the steering wheel, such as replacing it, placing stickers on it, painting it or putting the cover on it.**
- **Do not place stickers on the airbag units or the surrounding areas or paint them. Also, do not attach any accessories, fragrances, electronic toll control units, portable car navigation systems, etc. to this area, and do not lean umbrellas or other objects against it.**
- **Do not attach accessories (except for TOYOTA genuine products), etc., to the windshield or the inside rearview mirror.**



59RN02200

⚠ WARNING

For the vehicle with side airbags or side curtain airbags, do not attach accessories such as cup holders or hangers near the door. Also, do not lean umbrellas against the door.

Warning Label of SRS Airbag for Front Passenger's Seat



72M00150

You may find this label on the sun visor.

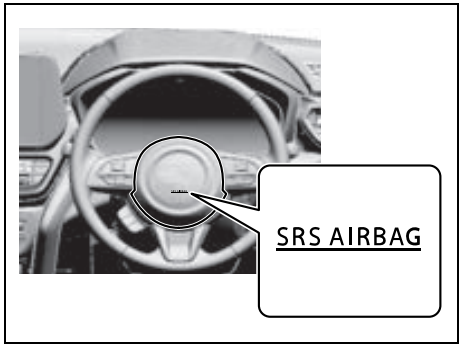
⚠ WARNING

NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

Symbol	Symbol meaning
	Do not install a rearward facing child restraint system to the front passenger's seat equipped with an airbag.
	If the front passenger's seat airbag were to be deployed, a major impact could be applied to a rearward facing child restraint system and the child.
	For more details, read this owner's manual.

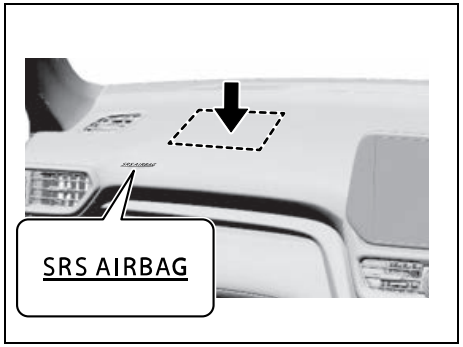
"SRS AIRBAG" Mark and Location

Driver's front airbag



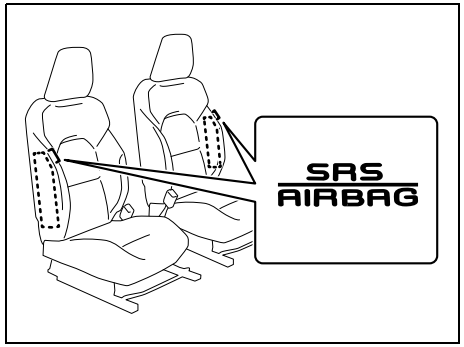
76TS20310

Front passenger's front airbag



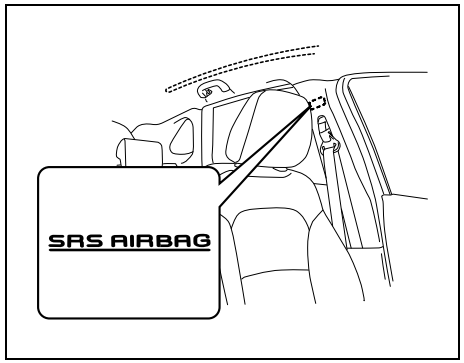
76TS20330

Side airbags



76TS20350

Side curtain airbags



76TS20370

The driver's front airbag is located behind the center pad of the steering wheel and the front passenger's front airbag is located behind the passenger's side of the dashboard.
Side airbags are located in the part of the front seatbacks closest to the doors.
Side curtain airbags are located in the roof lining.
The words "SRS AIRBAG" are molded into the airbag covers to identify the location of the airbags.

⚠ WARNING

- **If the airbag stored place is damaged or cracked, the airbag system may not work properly, which could result in serious injury in the event of a collision. Have your vehicle inspected by Your Toyota Dealer.**
- **If you smash the airbag stored place or apply a strong impact to it, the airbag may not work properly or may inflate unexpectedly, resulting in serious injury.**
  Do not smash the airbag stored place or apply a strong impact to it.

Installation of Child Restraint System

⚠ WARNING



61M0241

Do not install a child restraint system on the front passenger's seat.

Refer to "Seat Belts and Child Restraint Systems" section for details on securing your child.

Handling for Airbags

For Proper SRS Airbag System Operation

If objects are positioned within the range where the airbag deploys, such objects might be impacted and blown off or the airbag may not deploy properly.

⚠ WARNING

- **As the airbag may not provide the best performance and it may result in severe injury in case of emergency, observe the following points.**
  - **– Do not modify the suspension. If the vehicle height or the stiffness of the suspension were to change, airbag malfunction may result.**
  - **– When installing a grille guard, etc., on the front of the vehicle, consult Your Toyota Dealer. If you modify the front part of the vehicle, the airbag system may not work properly.**
  - **– When installing radio equipment, etc., consult Your Toyota Dealer. Radio waves, etc., from a radio may adversely affect the computer module used in the airbag system.**

(Continued)

⚠ WARNING

(Continued)

- **– Even though your vehicle is damaged by a collision, it may not be severe enough to trigger front, side or side curtain airbags to inflate. If your vehicle sustains any front-end or side damage, have the airbag system inspected by Your Toyota Dealer to ensure that it works properly. If the original function of airbag system is damaged, airbag may not function effectively and fully in case of an emergency.**

- **If the airbag-related parts are replaced or repaired, which has an impact on the airbag functions, the airbag may activate unnecessarily or may not activate when necessary.**
  The following situations may give a negative impact to the airbag system. In these cases, consult Your Toyota Dealer beforehand.
  - **– Removing the steering wheel, repairing the areas around the steering wheel, etc.**

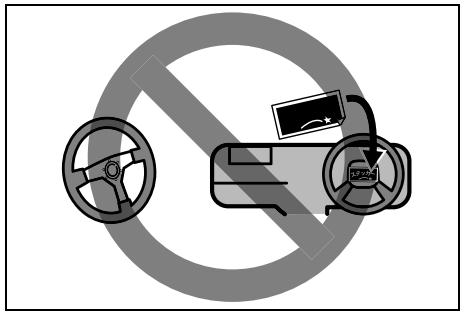
(Continued)

⚠ WARNING

(Continued)

- **– Center console repair, repairs around the instrument cluster, repairs under the front seat, and repairs of electrical wiring**
- **– Installation of audio equipment, etc.**
- **– Sheet metal painting and repairs around the dashboard**
- **– Replacement of the front seat and repairs around the seat**
- **– Repairs around the front pillar, the back pillar or the roof side**
- **– Repairs around the center pillar**

Driver's front airbag precautions

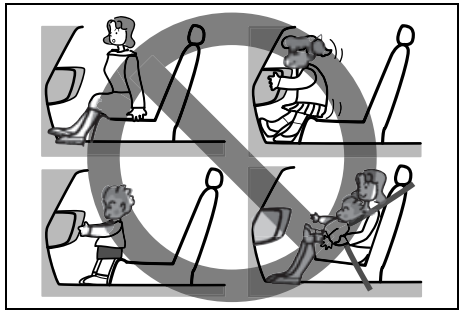


69RHS022

⚠ WARNING

- **Do not position your hands, face, chest, etc., close to airbag unit area or lean on the steering wheel. Otherwise, there is the risk of serious injury due to major impact if the airbag were to be deployed.**
- **Do not modify the steering wheel, such as replacing it, placing stickers on it, painting it or putting the cover on it. Otherwise, the airbag may not deploy normally in case of emergency, resulting in severe injury.**

Front passenger's front airbag precautions



69RHS170

⚠ WARNING

- **When riding in the front passenger's seat or when allowing a child to ride in this seat, be sure to observe the following points. Failure to do so may result in serious injury due to major impact if the airbag is deployed.**
  - **Do not position your hands or feet on the airbag unit area, and do not position your face, chest, etc., close to this area.**
  - **Do not allow a child to stand in front of the airbag unit area or sit on a passenger's lap in the front passenger's seat. Have a child ride in the rear seat wearing a seat belt.**

(Continued)

⚠ WARNING

(Continued)

- **For a child that is not yet big enough to wear a seat belt properly, be sure to use a child restraint system on the rear seat.**

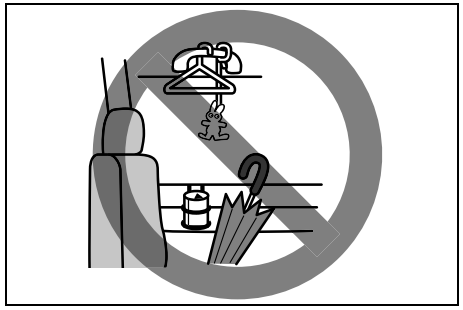


69RHS171

⚠ WARNING

- **As the airbag may not provide the best performance and it may result in severe injury in case of emergency, observe the following points.**
  - **– Do not place stickers on the airbag units or the surrounding areas or paint them. Also, do not attach any accessories, fragrances, electronic toll control units, portable car navigation systems, etc. to this area, and do not lean umbrellas or other objects against it.**
  - **– Do not attach accessories (except for TOYOTA genuine products), etc., to the windshield or the inside rearview mirror.**

Side airbags and side curtain airbags precautions



59RN02200

⚠ WARNING

If you attach accessories such as cup holders or hangers near the door, or if you lean umbrellas against the door, when side airbags or side curtain airbags activate, these objects may be thrown out and may not inflate properly, resulting in severe injury.
Do not attach accessories such as cup holders or hangers near the door. Also, do not lean umbrellas against the door.

Function of Airbags

How the System Works

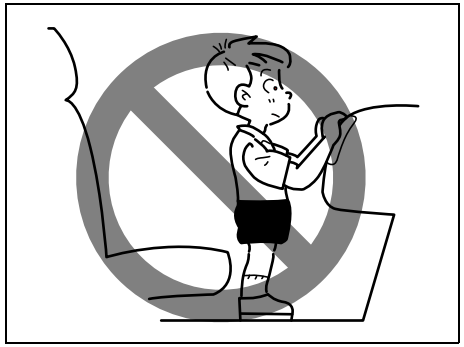
In a frontal collision, the collision sensors will detect rapid deceleration, and if the controller judges that the deceleration represents a severe frontal collision, the controller will trigger the inflators. The inflators inflate the appropriate airbags with nitrogen or argon gas. The inflated airbags provide a cushion for your head and upper body. The airbag inflates and deflates so quickly that you may not even realize that it has activated. The airbag will neither hinder your view nor make it harder to exit the vehicle.
A seat belt helps keep you in the proper position for maximum protection when an airbag inflates. Adjust your seat as far back as possible while still maintaining control of the vehicle. Sit fully back in your seat; sit up straight; do not lean over the steering wheel or dashboard. Front occupants should not lean on or sleep against the door. Refer to “Seat Adjustment” section and “Seat Belts and Child Restraint Systems” section in this section for details on proper seat and seat belt adjustments.



59RN02370



59RN04670



59RN02360

⚠ WARNING

- **The driver should not lean over the steering wheel. The front passenger should not rest his or her body against the dashboard where a front air bag is mounted or a child should not stand in front of the dashboard. Otherwise, he or she will get too close to the dashboard. For vehicles with side air bags and side curtain air bag, occupants should not lean on or sleep against the door. In these situations, the out-of-position occupant would be too close to an inflating airbag, and may suffer severe injury.**

(Continued)

⚠ WARNING

(Continued)

- **Do not attach any objects to, or place any objects over, the steering wheel or dashboard. Do not place any objects between the airbag and the driver or front passenger. These objects may interfere with airbag operation or may be propelled by the airbag in the event of a collision. Also, these objects may move when you start moving vehicle or while vehicle is moving, they may interfere with driver's view or safe driving. In each condition, it may cause severe injury.**
- **For vehicles with side airbags, do not use non-genuine seat covers on the front seats, because non-genuine seat covers may obstruct the inflation of side airbags. TOYOTA highly recommends TOYOTA-genuine seat covers to be used when covering the front seats of such vehicles with side airbags. Also, near the door, do not place cup holders, hangers or any other objects and do not lean an umbrella, as these objects could be propelled by the airbag in the event of a collision. Either of these conditions may cause severe injury.**

(Continued)

⚠ WARNING

(Continued)

- **Do not strike or apply significant levels of impact to the airbag component areas. It can cause the airbags to malfunction.**
- **Even though your vehicle is damaged by a collision, it may not be severe enough to trigger front, side or side curtain airbags to inflate. If your vehicle sustains any front-end or side damage, have the airbag system inspected by Your Toyota Dealer to ensure that it works properly. If the original function of air bag system is damaged, air bag may not function effectively and fully in case of an emergency.**

⚠ CAUTION

Airbags must inflate quickly and forcefully in order to reduce the chance of serious or fatal injuries. However, an unavoidable consequence of the quick inflation is that the airbag may irritate bare skin, such as the facial area against a front airbag. Wash off any residue as soon as possible to prevent skin irritation. Also, upon inflation, a loud noise will occur and some powder and smoke will be released. These conditions are not harmful and do not indicate a fire in the vehicle. Be aware, however, that some airbag components may be hot for a while after inflation.
This may cause burn injury.

Your vehicle is equipped with a diagnostic module which records information about the airbag system if the airbags deploy in a collision. The module records information about overall system status, and which sensors activated the deployment.

Servicing the airbag system

If the airbags inflate, have the airbags and related components replaced by Your Toyota Dealer as soon as possible.

If your vehicle ever gets in deep water and the driver's floor is submerged, the airbag controller could be damaged. If this happens, ask Your Toyota Dealer to check the airbag system as soon as possible.

Special procedures are required for servicing or replacing an airbag. For that reason, only Your Toyota Dealer should be allowed to service or replace your airbags. Remind anyone who services your TOYOTA vehicle that it has airbags.

Service on or around airbag components or wiring must be performed only by Your Toyota Dealer. Improper service could result in unintended airbag deployment or could render the airbag inoperative. Either of these two conditions may result in severe injury.

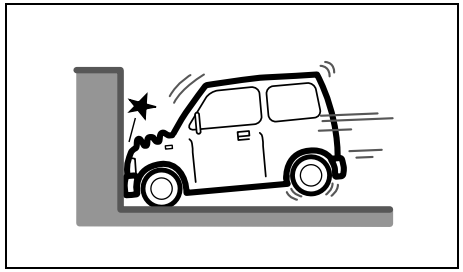
To prevent damage or unintended inflation of the airbag system, check that the battery is disconnected and the ignition mode has been in LOCK (OFF) for at least 90 seconds before performing any electrical service work on your TOYOTA vehicle. Do not touch airbag system components or wires. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.

⚠ CAUTION

If you do not handle the airbags properly, they may inflate unexpectedly, resulting in personal injury.
When scrapping the airbags or the vehicle that has the airbags, consult Your Toyota Dealer.

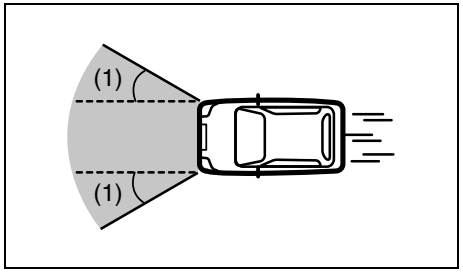
Front Airbag Deployment Conditions

Front airbags deploy (inflation)



80J097

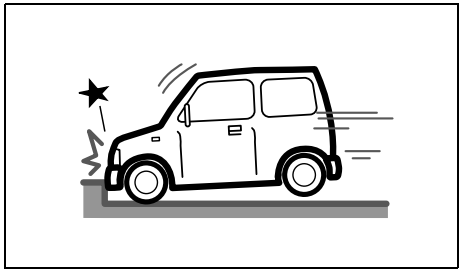
- Frontal collision with a fixed wall that does not move or deform at more than about 25 km/h (15 mph)



80J098E

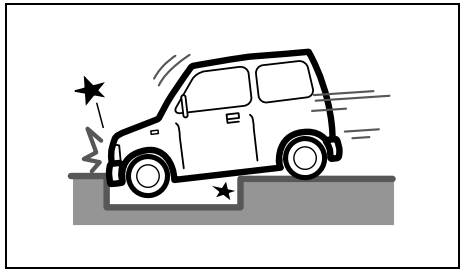
- Strong impact equivalent to frontal collision such as above at left and right angles of about 30 degrees (1) or less from the front of your vehicle

Front airbags may inflate
Receiving a strong impact to the lower body of your vehicle, the front airbags may inflate.



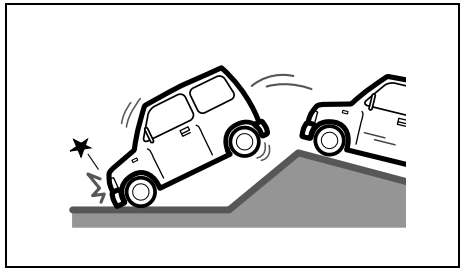
80J099

- Hitting a curb or medial strip



80J100E

- Falling into a deep hole or ditch

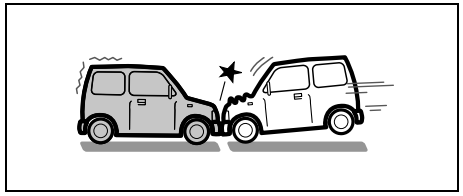


80J101

- Landing hard or falling

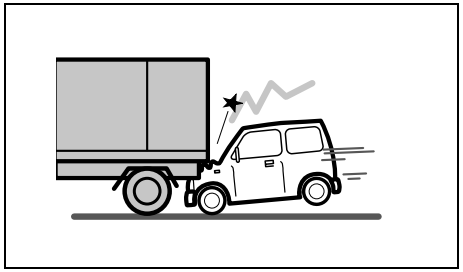
Front airbags may not inflate

The front airbags may not inflate when a strong impact has not occurred since the collision object was easy to be deformed or moved, or the crashed portion of your vehicle was easy to be deformed.
Also, front airbags may not inflate in many cases when the collision angle is greater than about 30 degrees at left and right angles from the front of your vehicle.



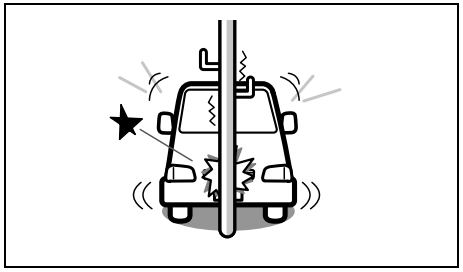
80J102

- Frontal collision to a stopped vehicle at less than about 50 km/h (30 mph)



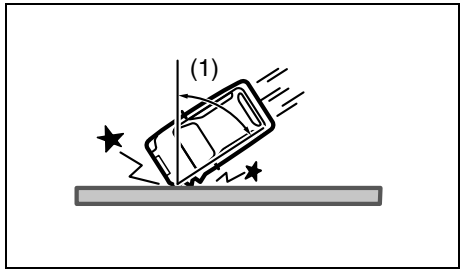
80J103

- Collision that the front of your vehicle goes under the bed of a truck etc.



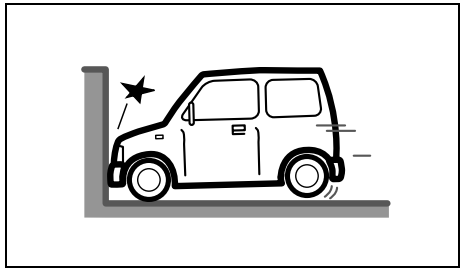
80J104

- Collision with a utility pole or stumpage



80J105E

- Collision with a fixed wall or guardrail at left and right angles of greater than about 30 degrees (1) from the front of your vehicle

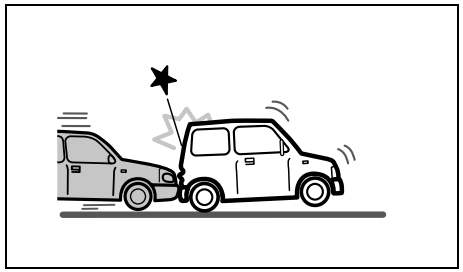


80J106

- Frontal collision with a fixed wall that does not move or deform at less than about 25 km/h (15 mph)

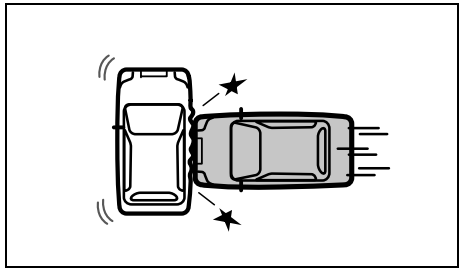
Front airbags do not inflate

Front airbags do not inflate in rear impacts, side impacts or rollovers, etc. However, these might inflate in a strong impact.



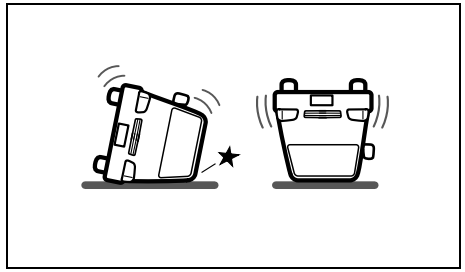
80J120

- Impact from the rear



80J119

- Impact from the side

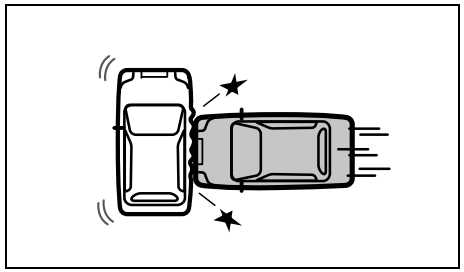


80J110

- Vehicle rollover

Side Airbags and Side Curtain Airbags Deployment Conditions

Side airbags and side curtain airbags deploy (inflation)

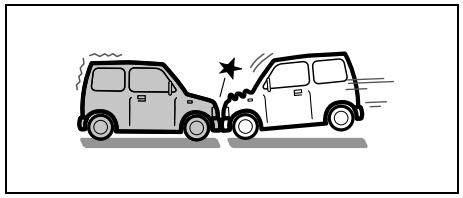


80J119

- Impacts from the side at about a right angle by a general passenger car to your vehicle at more than about 30 km/h (19 mph) or in a greater impact

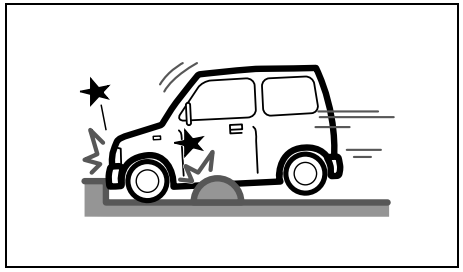
Side airbags and side curtain airbags may inflate in a strong impact

Side airbags and side curtain airbags may inflate even in a frontal collision, if there is a strong impact to the lateral direction.



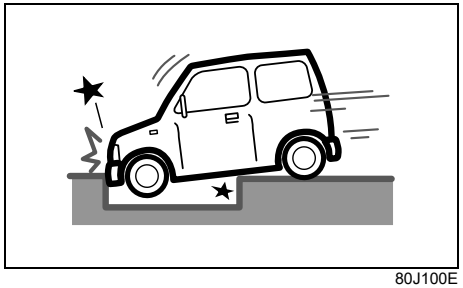
80J102

- Frontal collision



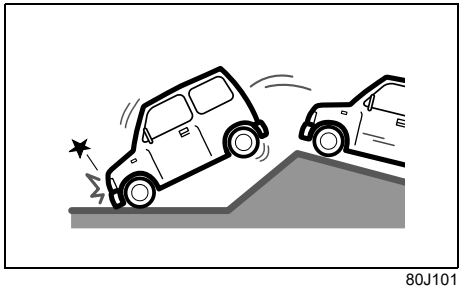
52RM20730

- Hitting a curb or bump



80J100E

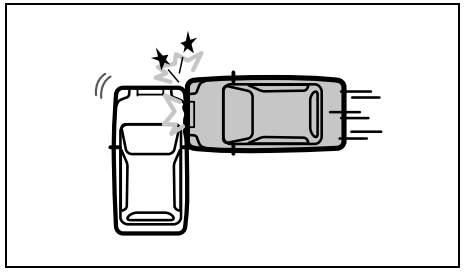
- Falling into a deep hole or ditch



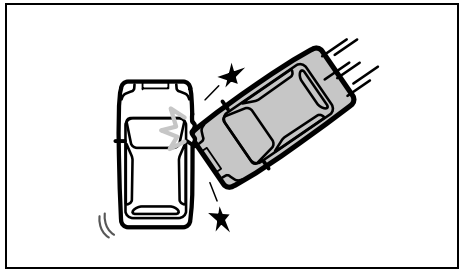
80J101

- Landing hard or falling

Side airbags and side curtain airbags may not inflate

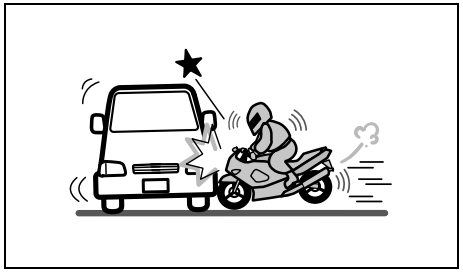


80J121



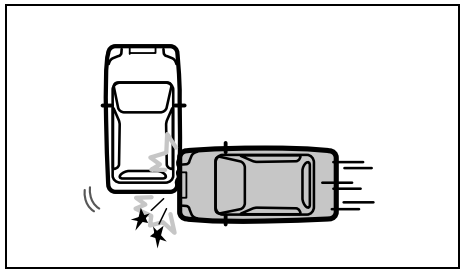
80J123

- Impact from the side at an oblique angle



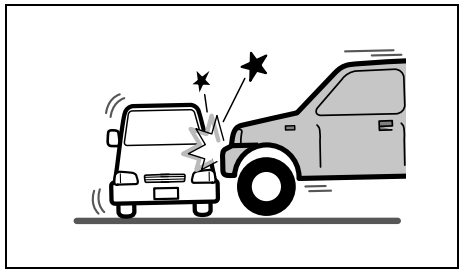
80J125

- Impact from the side by a motorcycle or bicycle



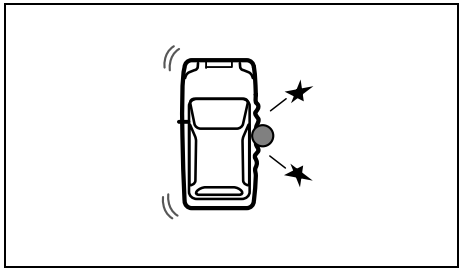
80J122

- Impact from the side to the vehicle body other than the passenger compartment



80J124

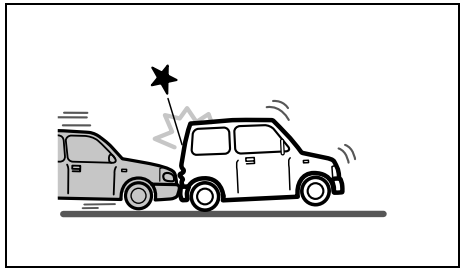
- Impact from the side by a high hood vehicle



80J126

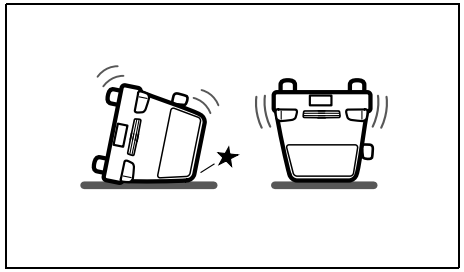
- Collision with a utility pole or stumpage

Side airbags and side curtain airbags do not inflate



80J120

• Impact from the rear



80J110

• Vehicle rollover

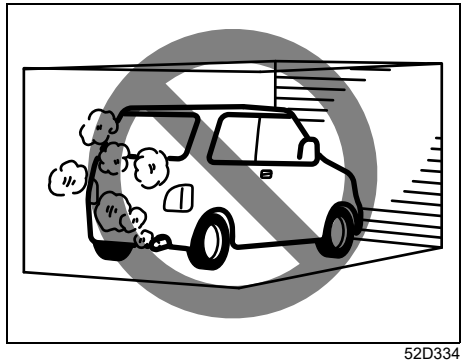
When Starting the Engine

Be Careful of Carbon Monoxide Poisoning

⚠ WARNING

Exhaust gases contain carbon monoxide, a potentially lethal gas that is colorless and odorless. If you breath exhaust gases, you may feel drowsy, resulting in severe health problems or death in the worst case.
If you start the engine, be careful of carbon monoxide poisoning.

Do not Run Engine in a Poorly-ventilated Area



52D334

⚠ WARNING

Avoid breathing exhaust gases. Exhaust gases contain carbon monoxide, a potentially lethal gas that is colorless and odorless. Since carbon monoxide is difficult to detect by itself, take the following precautions to help prevent carbon monoxide from entering your vehicle.
Otherwise, it may result in severe health problems or death in the worst case.
• Do not leave the engine running in garages or other confined areas.

(Continued)

⚠ WARNING

(Continued)

- **Do not park with the engine running for a long period of time, even in an open area. If it is necessary to sit for a short time in a parked vehicle with the engine running, check that the air intake selector is set to "FRESH AIR" and the blower is at high speed.**
- **Avoid operating the vehicle with the tailgate or trunk open. If it is necessary to do so, check that the all windows are closed, and the blower is at high speed with the air intake selector set to "FRESH AIR".**
- **To allow proper operation of your vehicle's ventilation system, keep the air inlet grill in front of the windshield clear of snow, leaves or other obstructions at all times.**
- **Keep the exhaust tailpipe area clear of snow and other material to help reduce the buildup of exhaust gases under the vehicle. This is particularly important when parked in blizzard conditions.**
- **Have the exhaust system inspected periodically for damage and leakage. Any damage or leakage should be repaired immediately.**

Do not Take a Nap with Engine Running



69RHS172

⚠ WARNING

Do not take a nap with the engine running. Otherwise, it may result in an accident, severe health problems or death in the worst case.

- **Exhaust gases can enter the vehicle due to surrounding conditions and wind direction, possibly causing carbon monoxide poisoning.**
- **The gearshift lever could change unintentionally, or the accelerator pedal could be depressed accidentally, causing an accident.**
- **If you were to accidentally step on the accelerator pedal while asleep, the engine and exhaust system could overheat, resulting in danger of fire**

When Loading the Luggage

Loading too much luggage in the vehicle may have negative effects to the vehicle body or driving performance.

⚠ WARNING



59RN02230

- **Fuel, chemical containers, spray cans etc. may catch a fire or cause an explosion.**
  Do not bring these objects into the vehicle.

(Continued)

⚠ WARNING

(Continued)



59RN02240

- **If you place any objects on the instrument panel, these objects may move and interfere with driver's view or safe driving. Also, the front passenger's front airbag may not work properly or these objects may be thrown out when the airbag inflates in an accident.**
  Do not place any objects on the instrument panel.



59RN07290

⚠ CAUTION

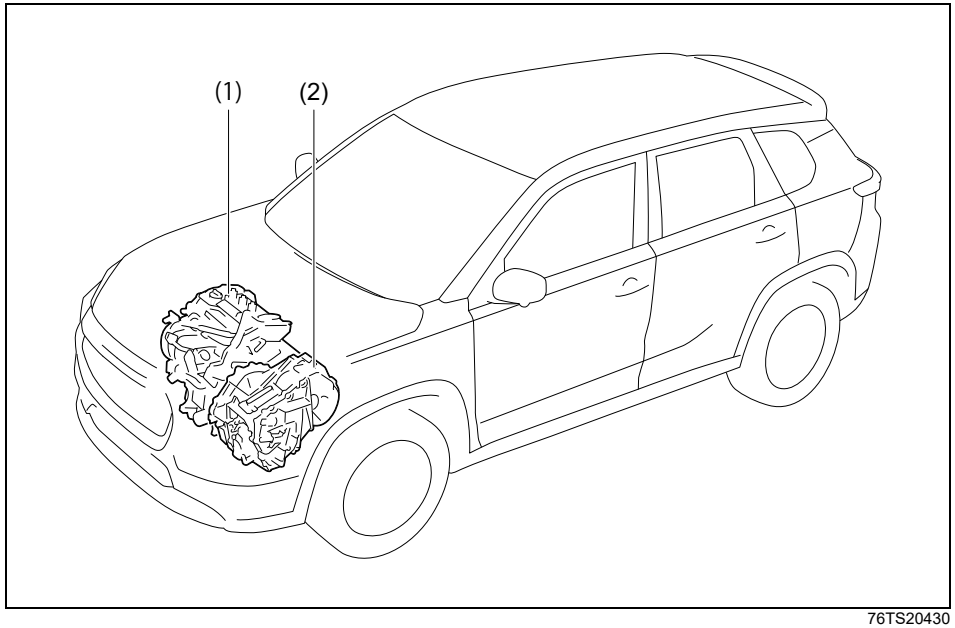
- **If you hang any objects on the gearshift lever or use it as a handrest, the gearshift lever may not work properly, resulting in a malfunction or an accident.**
  Do not hang any objects on the gearshift lever or use it as a handrest.
- **If you pile up luggage, it may interfere with driver's view. Also, in a sudden braking, the luggage would jump out and it may result in an accident.**
  Do not pile up luggage in the vehicle.
- **If animals move about in the vehicle, it may interfere with driver's view. Also, in a sudden braking, it may result in an accident.**
  When you bring animals into the vehicle, make sure that animals do not move about.

Hybrid system features (if equipped)

Your vehicle is a Hybrid Electric Vehicle. It has characteristics different from conventional gasoline vehicles. Be sure you are closely familiar with the characteristics of your vehicle, and operate it with care.

The hybrid system combines the use of a gasoline engine and an electric motor (traction motor) according to driving conditions, improving fuel efficiency and reducing exhaust emissions.

System components



76TS20430

(1) Gasoline engine
(2) Electric motor (traction motor)

This illustration is an example of the Hybrid system explanation and may be different from the actual system on the vehicle.

When stopped/during starting off

The gasoline engine stops* when the vehicle is stopped. During start off, the electric motor (traction motor) drives the vehicle. At slow speeds or when traveling down a gentle slope, the engine is stopped* and the electric motor (traction motor) is used.

When the shift lever is in N, the hybrid battery (traction battery) is not being charged.

*: When the hybrid battery (traction battery) requires charging or the engine is warming up, etc., the gasoline engine will not automatically stop.

During normal driving

The gasoline engine is predominantly used. The electric motor (traction motor) charges the hybrid battery (traction battery) as necessary.

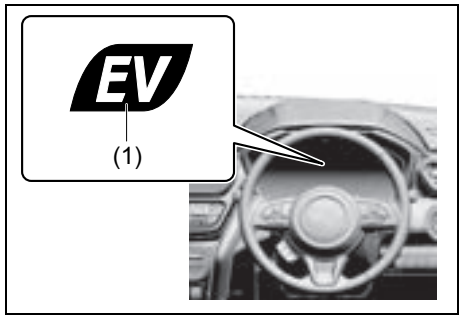
When braking (regenerative braking)

The wheels operate the electric motor (traction motor) as a power generator and the hybrid battery (traction battery) is charged.

In the following situations, kinetic energy is converted to electric energy and deceleration force can be obtained in conjunction with the recharging of the hybrid battery (traction battery).

- The accelerator pedal is released while driving with the shift lever in D or B.
- The brake pedal is depressed while driving with the shift lever in D or B.

EV indicator



76TS20380

(1) EV indicator

EV indicator comes on when the vehicle is driven using only the electric motor (traction motor) or the gasoline engine is stopped.

Conditions in which the gasoline engine may not stop

The gasoline engine starts and stops automatically. However, it may not stop automatically in the following conditions:

- During gasoline engine warm-up
- During hybrid battery (traction battery) charging
- When the temperature of the hybrid battery (traction battery) is high or low
- When the heater is switched on

Depending on the circumstances, the gasoline engine may also not stop automatically in other situations.

Charging the hybrid battery (traction battery)

As the gasoline engine charges the hybrid battery (traction battery), the battery does not need to be charged from an outside source. However, if the vehicle is left parked for a long time the hybrid battery (traction battery) will slowly discharge. For this reason, make sure to drive the vehicle at least once every few months for at least 30 minutes or 16 km (10 miles). If the hybrid battery (traction battery) becomes fully discharged and you are unable to start the hybrid system, contact Your Toyota Dealer.

Charging the lead-acid 12-volt battery

Refer to “Jump-starting instructions” in “EMERGENCY SERVICE” section.

After the lead-acid battery has discharged or when the terminal has been removed and installed during exchange, etc, the gasoline engine may not stop even if the vehicle is being driven by the hybrid battery (traction battery). If this continues for a few days, contact Your Toyota Dealer.

Sounds and vibrations specific to a Hybrid Electric Vehicle

There may be no engine sound or vibration even though the vehicle is able to move with the “READY” indicator is illuminated. For safety, apply the parking brake and make sure to shift the shift lever to P when parked.

The following sounds or vibrations may occur when the hybrid system is operating and are not a malfunction:

- Motor sounds may be heard from the engine compartment.
- Sounds may be heard from the hybrid battery (traction battery) from the rear luggage compartment when the hybrid system starts or stops.
- Relay operating sounds such as a snap or soft clank will be emitted from the hybrid battery (traction battery) from the rear luggage compartment when the hybrid system is started or stopped.
- Sounds from the hybrid system may be heard when the tailgate is open.
- Sounds may be heard from the transmission when the gasoline engine starts or stops when driving at low speeds, or during idling.
- Engine sounds may be heard when accelerating sharply.
- Sounds from the motor or hybrid system may be heard when the brake pedal is depressed or as the accelerator pedal is released.
- Vibration may be felt when the gasoline engine starts or stops.
- Cooling fan sounds may be heard from the air intake vent on the rear door side trim beside the rear left seat.

Maintenance, repair, recycling, and disposal

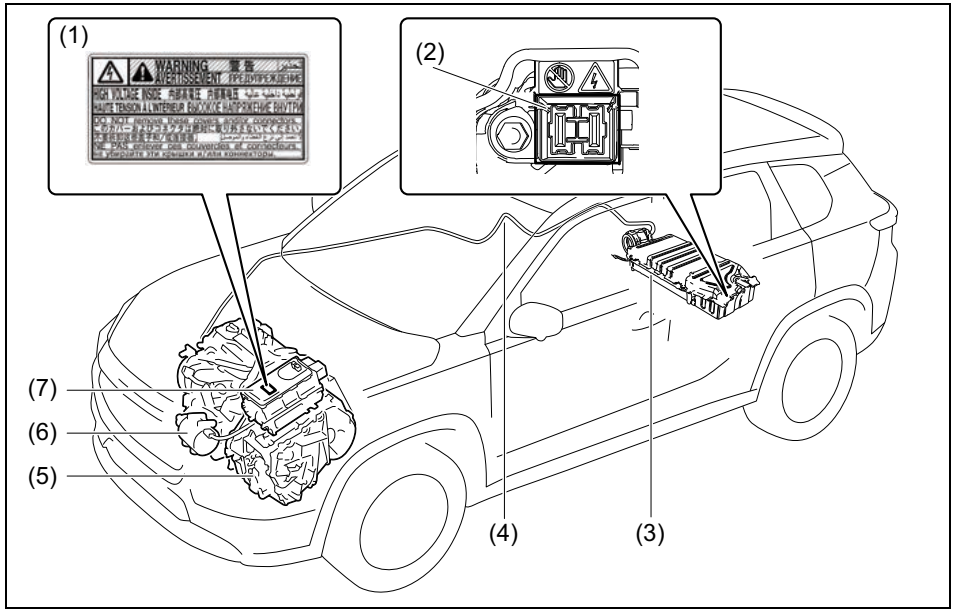
Contact Your Toyota Dealer regarding maintenance, repair, recycling and disposal. Do not dispose of the vehicle yourself.

Hybrid system precautions

Take care when handling the hybrid system, as it is a high voltage system (about 580V at maximum) as well as the vehicle contains parts that become extremely hot when the hybrid system is operating. Follow the warning labels attached to the vehicle.

System components

This illustration is an example of the Hybrid system explanation and may be different from the actual system on the vehicle.



76TS20441

(1) Warning label
(2) Service plug
(3) Hybrid battery (traction battery)
(4) High voltage cables (orange)
(5) Electric motor (traction motor)
(6) Air conditioning compressor
(7) Power control unit

Running out of fuel

When the vehicle runs out of fuel and the hybrid system cannot be restarted, fill the fuel tank with the gasoline until the low fuel warning light is turned off.

The amount of the gasoline required to restart the hybrid system is 11L (19.4 Imp pt) at minimum which depends on the tilt of the vehicle. Add more gasoline if the hybrid system cannot be restarted.

Electromagnetic waves

High voltage parts and cables on Hybrid Electric Vehicle incorporate electromagnetic shielding, and therefore emit approximately the same amount of electromagnetic waves as conventional gasoline powered vehicles or home electronic appliances.

Your vehicle may cause sound interference in some third party-produced radio parts.

Hybrid battery (traction battery)

The hybrid battery (traction battery) has a limited service life. The lifespan of the hybrid battery (traction battery) can change in accordance with driving style and driving conditions.

Starting the hybrid system in an extremely cold environment

When the hybrid battery (traction battery) is extremely cold (below approximately -15°C [5°F]) under the influence of the outside temperature, it may not be possible to start the hybrid system. In this case, try to start the hybrid system again after the temperature of the hybrid battery increases due to the outside temperature increase etc.

⚠ WARNING

This vehicle has high voltage DC and AC systems as well as a 12-volt system. DC and AC high voltage is very dangerous and can cause severe burns and electric shock that may result in death or serious injury.

- **Never touch, disassemble, remove or replace the high voltage parts, cables or their connectors.**
- **The hybrid system will become hot after starting as the system uses high voltage. Be careful of both the high voltage and the high temperature, and always obey the warning labels attached to the vehicle.**
- **Never try to open the service plug located beside the traction battery in the luggage compartment. The service plug is used only when the vehicle is serviced and is subject to high voltage.**

⚠ WARNING

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

- **Pull your vehicle off the road, apply the parking brake, shift the shift lever to "P" (Park) and turn the hybrid system off.**
- **Do not touch the high voltage parts, cables and connectors.**
- **If electric wires are exposed inside or outside your vehicle, an electric shock may occur. Never touch exposed electric wires.**
- **If a fire occurs in the Hybrid Electric Vehicle, leave the vehicle as soon as possible. Never use a fire extinguisher that is not meant for electric fires. Using even a small amount of water may be dangerous.**
- **If your vehicle needs to be towed, do so with the front wheels raised. If the wheels connected to the electric motor (traction motor) are on the ground when towing, the motor may continue to generate electricity. This may cause a fire.**

⚠ WARNING

- **Inspect the ground under the vehicle carefully. If you find that liquid has leaked onto the ground, the fuel system may have been damaged. Leave the vehicle as soon as possible.**
- **Never touch, disassemble, remove or replace the high voltage parts, cables or their connectors.**
- **Do not touch the battery if liquid is leaking from or adhering to it. If electrolyte (carbonate ester-based organic electrolyte) from the hybrid battery (traction battery) comes into contact with the eyes or skin, it could cause blindness or skin wounds. In the unlikely event that it comes into contact with the eyes or skin, wash it off immediately with a large amount of water, and seek immediate medical attention.**

(Continued)

⚠ WARNING

(Continued)

- **If electrolyte is leaking from the hybrid battery (traction battery), do not approach the vehicle. Even in the unlikely event that the hybrid battery (traction battery) is damaged, the internal construction of the battery will prevent a large amount of electrolyte from leaking out. However, any electrolyte that does leak out will give off a vapor. This vapor is an irritant to skin and eyes and could cause acute poisoning if inhaled.**
- **Do not bring burning or high-temperature items close to the electrolyte. The electrolyte may ignite and cause a fire.**

⚠ WARNING

Your vehicle contains a sealed lithium-ion battery.
Never resell, hand over or modify the hybrid battery. To prevent accidents, hybrid batteries that have been removed from a disposed vehicle are collected through Your Toyota Dealer. Do not dispose of the battery yourself.
Unless the battery is properly collected, the following may occur, resulting in death or serious injury:

- **The hybrid battery may be illegally disposed of or dumped, and it is hazardous to the environment or someone may touch a high voltage part, resulting in an electric shock.**
- **The hybrid battery is intended to be used exclusively with your Hybrid Electric Vehicle. If the hybrid battery is used outside of your vehicle or modified in any way, accidents such as electric shock, heat generation, smoke generation, an explosion and electrolyte leakage may occur.**
- **When reselling or handing over your vehicle, the possibility of an accident is extremely high because the person receiving the vehicle may not be aware of these dangers.**

(Continued)

⚠ WARNING

(Continued)

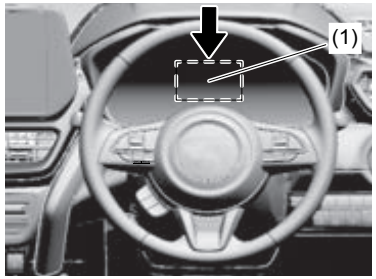
- **If your vehicle is disposed of without the hybrid battery having been removed, there is a danger of serious electric shock if high voltage parts, cables and their connectors are touched. In the event that your vehicle must be disposed of, the hybrid battery must be disposed of by Your Toyota Dealer. If the hybrid battery is not disposed of properly, it may cause electric shock that can result in death or serious injury.**

NOTICE

Your vehicle contains the hybrid battery (traction battery) air intake vent. Do not carry large amounts of water such as water cooler bottles in the vehicle. If water spills onto the hybrid battery (traction battery), the battery may be damaged. Have the vehicle inspected by Your Toyota Dealer.

Before opening the hood

Before you open the hood, make sure that the ignition mode is LOCK (OFF) and READY indicator comes off on the information display (1).



76TS40410

(1) Information display

⚠ WARNING

Before opening the hood, make sure the power switch and "READY" indicator are turned off to avoid a sudden engine start. Failure to do so may result in serious injury.

Hybrid battery (traction battery) air intake vent

There is an air intake vent near the right side of the rear seat and rear right door for the purpose of cooling the hybrid battery (traction battery). If the vent becomes blocked, the hybrid battery (traction battery) input and output may be reduced.



76TS40411

(1) Hybrid battery air intake vent

NOTICE

- **Make sure that the air intake vent is not blocked, such as by a seat cover, plastic cover, or luggage. If the vent is blocked, the hybrid battery (traction battery) input and output may be restricted, possibly leading to a malfunction.**
- **Clean the air intake vent regularly to prevent the hybrid battery (traction battery) from overheating.**
- **Do not get water or foreign materials in the air intake vent as this may cause a short circuit and damage the hybrid battery (traction battery).**
- **A filter is installed to the air intake vent. When the filter remains noticeably dirty even after cleaning the air intake vent, filter cleaning or replacement is recommended.**

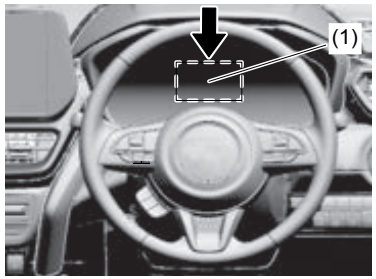
Emergency shut off system

When a certain level of impact is detected by the impact sensor, the emergency shut off system blocks the high voltage current and stops the fuel pump to minimize the risk of electrocution and fuel leakage. If the emergency shut off system activates, your vehicle will not restart. To restart the hybrid system, contact Your Toyota Dealer.

Hybrid warning message

A message is automatically displayed when a malfunction occurs in the hybrid system or an improper operation is attempted.

If a warning message is shown on the multi-information display, read the message and follow the instructions.



76TS40410

(1) Information display

If a warning light comes on, a warning message is displayed, or the 12-volt lead-acid battery is disconnected, the hybrid system may not start. In this case, try to start the system again. If the “READY” indicator does not come on, contact Your Toyota Dealer.

Hybrid battery (Traction battery)

Check the charge of the hybrid battery (traction battery). If the charge is low, shift the gearshift lever to “P” position allow the engine of the hybrid system to run to charge the hybrid battery (traction battery) and then press the power switch.

NOTICE

If the gearshift lever is in “N” position, the hybrid battery (traction battery) will not be charged even when the engine is running. Therefore, if the vehicle is left with the shift lever in “N” position for a long period of time, the hybrid battery (traction battery) will discharge and this may result in the vehicle not being able to start.

If “DRIVE BATTERY POWER LOW AVOID USING GEAR POSITION N” is displayed

This message may be displayed when the gearshift lever is in “N” position.
As the hybrid battery (traction battery) cannot be charged when the gearshift lever is in “N” position, shift the gearshift lever to “P” position when the vehicle is stopped.

If “DRIVE BATTERY POWER LOW USE GEAR P TO RESTART” is displayed

This message is displayed when the hybrid battery (traction battery) charge has become extremely low because the gearshift lever has been left in “N” position for a certain amount of time.

If “CHANGE GEARSHIFT POSITION TO P” is displayed

Message is displayed when the driver’s door is opened without turning the power switch to OFF with the gearshift lever in any position other than “P” position. Shift the gearshift lever to “P” position.

If “GEAR POSITION N RELEASE ACCELERATOR BEFORE SHIFTING” is displayed

The accelerator pedal has been depressed when the shift lever is in “N” position. Release the accelerator pedal and shift the gearshift lever to “D” position or “R” position.

If “DRIVE BATTERY COOLING PARTS MALFUNCTION SEE OWNER’S MANUAL” is displayed

This message is displayed when the filters may be clogged, the air intake vents may be blocked, or there may be a gap in the duct. Therefore, have the vehicle inspected by Your Toyota Dealer immediately.

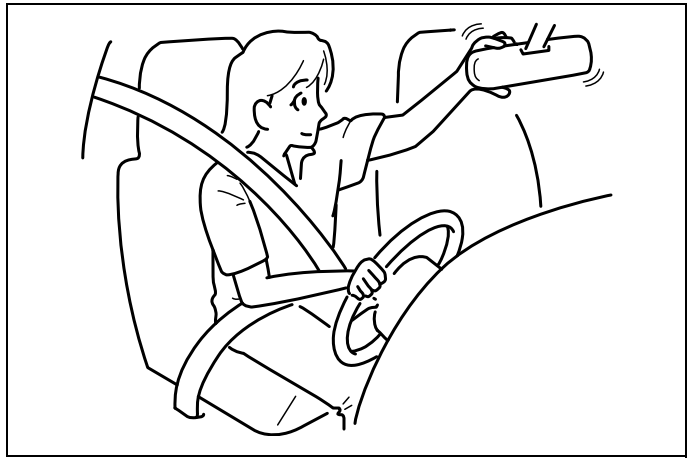
If “BRAKING POWER LOW STOP IN SAFE PLACE CONTACT DEALER” is displayed

This message is displayed when the brake power is low. Continuing to drive your vehicle may be dangerous. Stop your vehicle in a safety place immediately and contact Your Toyota Dealer. Have your vehicle inspected.

If “BRAKE SYSTEM MALFUNCTION BRAKING POWER LOW CONTACT DEALER” is displayed

This message is displayed when there may be a problem or malfunction with the brake system and the brake power is low. Have your vehicle inspected by Your Toyota Dealer.

MEMO



60G404

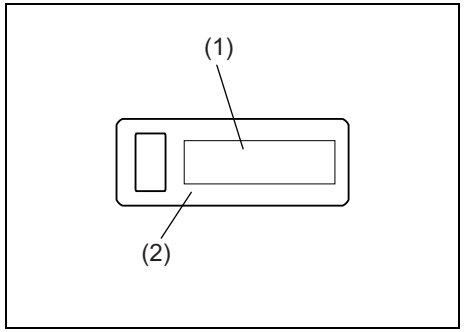
BEFORE DRIVING

Keys 3-1
Doors 3-1
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Keys

Your vehicle comes with a pair of identical keys. Keep one of the keys as a spare key in a safe place. One key can open all of the locks on the vehicle.

Key Number Plate



55T030020

The key identification number (1) is stamped on a metal tag (2) provided with the keys. Keep the tag in a safe place. If you lose your keys, you will need this number to have new keys made. Write the number below for your future reference.

KEY NUMBER:

NOTE:

- *Carefully keep the tag in the place other than your vehicle, so that someone does not find out about the key identification number. If you lose your key, inform the key identification number of Your Toyota Dealer.*
- *When you resell or transfer your vehicle to a new owner or operator, give the key number plate with your vehicle to him or her.*

Immobilizer System

For detail of immobilizer system, “Immobilizer System” in the “OPERATING YOUR VEHICLE” section

Doors

⚠ WARNING

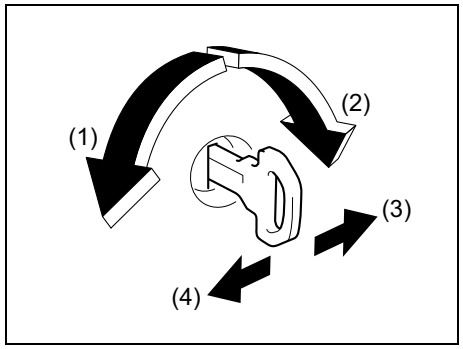
- **When a seat belt or luggage is caught by a door, the door cannot be shut properly and it may open while driving. This may cause an accident. Close a door not to catch a seat belt or luggage in the door.**
- **When you keep the tailgate open with the engine running or the hybrid system activating, exhaust gases will enter the vehicle and cause carbon monoxide poisoning. This may cause severe health problems or death in the worst case. Do not keep the tailgate open with the engine running or the hybrid system activating.**
- **To prevent fire or theft, stop the engine or the hybrid system and lock the doors when leaving the vehicle.**
- **When opening a door, be careful of the surrounding area. An accident, such as a collision with the vehicle or a pedestrian behind your vehicle, may occur. Be very careful when opening a door especially on a windy day.**

⚠ CAUTION

- **When a child opens or closes a door, his / her hands, legs or head may be caught in the door and this may cause injury. Opening or closing a door should be performed not by a child but by an adult.**
- **When the tailgate is not fully opened, it may be unexpectedly closed and this may cause injury. When opening the tailgate, open it fully.**
- **Opening the tailgate right behind the exhaust pipes may cause burn injury. With the engine running or the hybrid system activating, do not open the tailgate right behind the exhaust pipes.**

NOTE:
- *When leaving the vehicle even for a short period of time, do not leave cash or valuables in the vehicle, to avoid risk of theft.*
- *Depending on the setting conditions of the security alarm and the opening conditions of the doors, an alarm may operate. Refer to "Security System (if equipped)" in this section.*

Side Door Locks



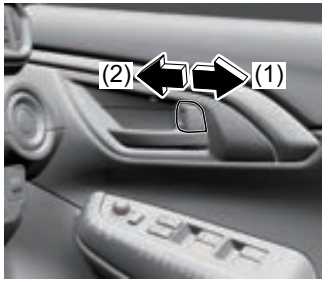
59RN03180

(1) UNLOCK
(2) LOCK
(3) Front
(4) Rear

To lock a front door from outside the vehicle:

- Insert the key and turn the top of the key toward the front of the vehicle, or
- Turn the lock knob forward, then pull and hold the door handle as you close the door.

To unlock a front door from outside the vehicle, insert the key and turn the top of the key toward the rear of the vehicle.



76TS30010

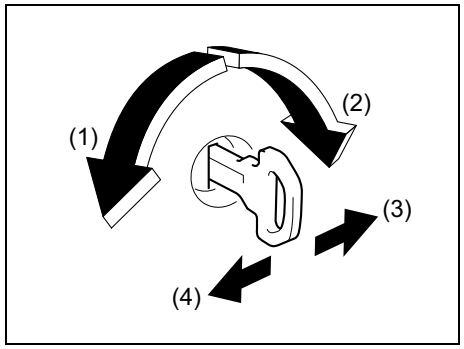
(1) UNLOCK
(2) LOCK

To lock a door from inside the vehicle, turn the lock knob forward. Turn the lock knob rearward to unlock the door.

To lock a rear door from outside the vehicle, turn the lock knob forward and close the door. You do not need to pull and hold the door handle as you close the door.

NOTE:
Be sure to hold the door handle when you close a locked front door, or the door will not remain locked.

Central Door Locking System



59RN03180

(1) UNLOCK
(2) LOCK
(3) Front
(4) Rear

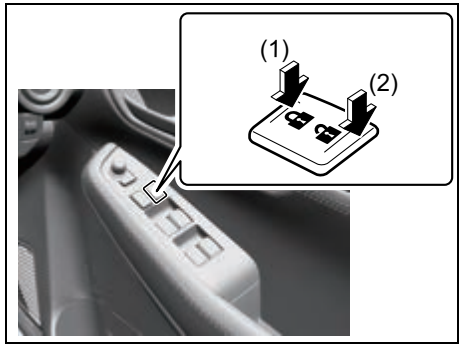
You can lock and unlock all doors (including the tailgate) simultaneously by using the key in the driver's door lock.

To lock all doors simultaneously, insert the key in the driver's door lock and turn the top of the key toward the front of the vehicle once.

To unlock all doors simultaneously, insert the key in the driver's door lock and turn the top of the key toward the rear of the vehicle twice.

NOTE:
You can switch the function that unlocks all doors from requiring two turns to requiring one turn, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Information display" in "INSTRUMENT CLUSTER" section.

To unlock the driver's door only, insert the key in that door lock and turn the top of the key toward the rear of the vehicle once.



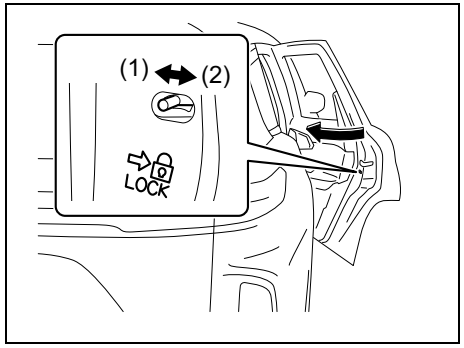
76TS30020

(1) LOCK
(2) UNLOCK

You can also lock or unlock all doors by pressing the front or rear of the switch, respectively.

NOTE:
- *You can also lock or unlock all doors by operating the remote controller. Refer to "Keyless Push Start System Remote Controller" in this section.*
- *If your vehicle is equipped with the keyless push start system, you can also lock or unlock all doors by pushing the request switch. Refer to "Keyless Push Start System Remote Controller" in this section.*

Child-proof Locks (rear door)



76TS30140

(1) UNLOCK
(2) LOCK

Each of the rear doors is equipped with a child-proof lock which can be used to help prevent unwanted opening of the door from inside the vehicle. When the lock lever is in the lock position (2), the rear door can only be opened from outside. When the lock lever is in the unlock position (1), the rear door can be opened from inside or outside.

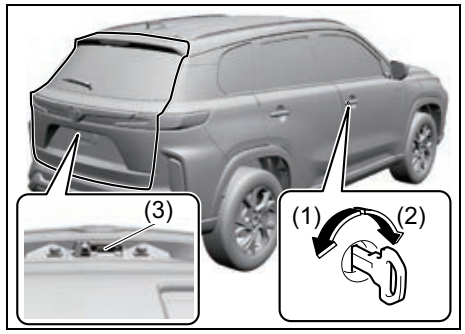
⚠ WARNING

- **Be sure to place the child-proof lock in the lock position whenever children are seated in the rear.**

NOTE:
When you open a door from inside, put your hand out of the window and use the door handle.

Tailgate

Locking and unlocking from outside the vehicle



76TS30590

(1) UNLOCK
(2) LOCK
(3) Tailgate unlatch switch

You can lock and unlock the tailgate by using the key in the driver's door lock.

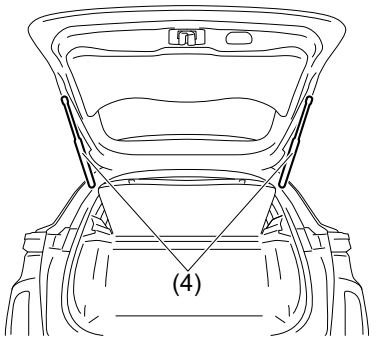
To open the tailgate, push and hold the tailgate unlatch switch (3) and lift the tailgate.

NOTE:
When the tailgate is closed incompletely, follow the procedure below:
1) Push the tailgate unlatch switch (3) and open the tailgate.
2) Close the tailgate.
3) Check that the tailgate is closed completely.

⚠ WARNING

Always make sure that the tailgate is closed and latched securely. Completely closing the tailgate helps prevent occupants from being thrown from the vehicle in the event of an accident. Completely closing it also helps keep exhaust gases from entering the vehicle.

⚠ CAUTION



76TS30130

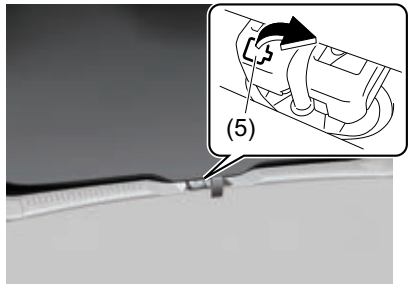
To avoid damage and malfunction of the dumper stay, observe the following precautions. Otherwise, the damper stay (4) which upholds the tailgate may not operate smoothly and the tailgate may not be kept up when opening it.

- **Do not scratch the rod part of the damper stay and do not attach foreign materials such as dirt, vinyl and tape to this part.**
- **Do not lay your hands on the damper stay and do not hang any objects.**

Unlocking from inside the vehicle

If you cannot unlock the tailgate by using the key in the driver's door lock due to a discharged lead-acid battery or malfunction, ask Your Toyota Dealer. In emergency situations, follow the procedures below.

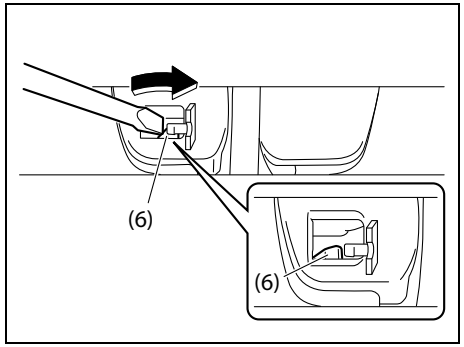
1) Remove the luggage compartment cover (if equipped) and fold the rear seat forward for easier access. Refer to "Folding rear seats" in "FOR SAFE DRIVING" section for details on how to fold the rear seat forward.



76TS30470

2) Open the cover (5) in the lock mechanism of the tailgate.

NOTE:
Be careful not to lose the cover (5) because it is small and detachable.



65P30080

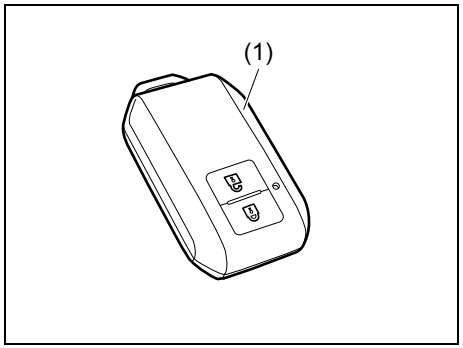
3) Move the lever (6) in arrow direction by using a flat-bladed screwdriver to unlock the tailgate.
4) Push open the tailgate from inside. The tailgate will be latched again by simply closing the tailgate.

If you release the lever immediately after unlocking, the tailgate will be half-shut.
Push open the tailgate while pulling the lever.
If the tailgate cannot be unlatched, have the vehicle inspected by Your Toyota Dealer.

⚠ CAUTION

- **Do not touch the edges of the holes of the tailgate when you pull or push the lever. Otherwise you could be injured.**
- **Check that there is no one near the tailgate when pushing open the tailgate from inside the vehicle.**

Keyless Push Start System Remote Controller



76TS30150

Your vehicle is equipped with a keyless push start system remote controller (1). The remote controller has a keyless entry system and a keyless push start system. For details, refer to the following explanations.

⚠ WARNING

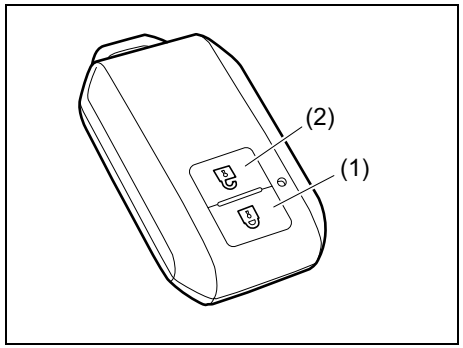
Radio waves from the keyless push start system antenna(s) may interfere with operation of electrical medical equipment such as pacemakers. Failure to take the precautions listed below can increase the risk of severe injury or death due to radio wave interference.

- **Anyone who uses electrical medical equipment such as a pacemaker should consult the medical equipment supplier or their medical advisor about whether radio waves from the antenna(s) can interfere with the medical equipment.**
- **If radio wave interference is a concern, have the function of the antenna(s) disabled by Your Toyota Dealer.**

Keyless Push Start System Remote Controller

The remote controller enables the following operations:

- You can lock or unlock the doors by operating LOCK/UNLOCK buttons on the remote controller. Refer to the explanation in this section.
- You can lock or unlock the doors by pushing the request switch. For details, refer to the explanation in this section.
- You can start the engine or hybrid system without using an ignition key. For details, refer to “Engine switch (vehicle with keyless push start system)” in “OPERATING YOUR VEHICLE” section.



52RM20060

(1) LOCK button
(2) UNLOCK button

There are two ways to lock or unlock all doors (including the tailgate) simultaneously by operating the remote controller near the vehicle.

Central door locking system

- To lock all doors, push LOCK button (1) once.
- To unlock only the driver’s door, push UNLOCK button (2) once.
- To unlock other doors, push UNLOCK button (2) once again.

NOTE:
You can switch the function that unlocks all doors from requiring two pushes to requiring one push, and vice versa, via the information display setting mode. For details on how to use the information display, refer to “Information display” in “INSTRUMENT CLUSTER” section.

The turn signal lights will flash once and the exterior buzzer will sound once when the doors are locked.

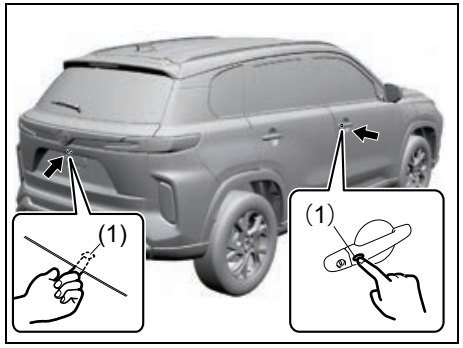
When the doors are unlocked:

- The turn signal lights will flash once and the exterior buzzer will sound twice.
- If the interior light switch is in DOOR position, the interior light will turn on for about 15 seconds and then fade out. If you press the engine switch or the power switch during this time, the light will start to fade out immediately.

Check that the doors are locked after you operate LOCK button (1).
NOTE:
If no door is opened within about 30 seconds after UNLOCK button (2) is operated, the doors will automatically lock again.

NOTE:
- *The maximum operating distance of the remote controller is about 5 m (16 ft.), but this can vary depending on the surroundings, especially near other transmitting devices such as radio towers or CB (Citizen's Band) radios.*
- *The door locks cannot be operated with the remote controller if the ignition mode is other than the "LOCK" (OFF).*
- *When any door is open, if you push LOCK button on the remote controller, the exterior buzzer will sound and doors cannot be locked.*
- *If you lose one of the remote controllers, ask Your Toyota Dealer as soon as possible for replacement. Have Your Toyota Dealer for program the new remote controller code in your vehicle's memory so that the old code is erased.*

Keyless unlocking/locking using the request switches



76TS30600

When the remote controller is within the operating range described in this section, you can lock or unlock all the doors (including tailgate) by pushing the request switch (1) on the driver's door handle or front passenger's door handle or tailgate.

When all doors are unlocked:
- To lock all doors, push one of the request switches once.

The turn signal lights will flash once and the exterior buzzer will sound once when the doors are locked.

To unlock a door or all doors:
- Push one of the request switches once to unlock only one door.
- Push one of the request switches twice to unlock all doors.

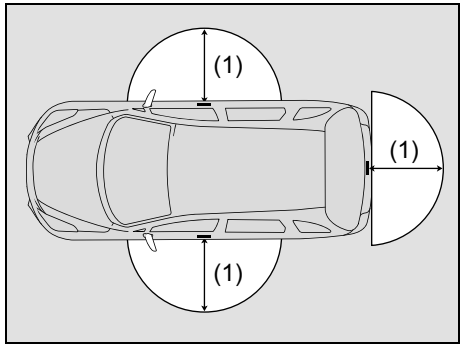
NOTE:
You can switch the function that unlocks all doors from requiring two pushes to requiring one push, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Information display" in "INSTRUMENT CLUSTER" section.

When the doors are unlocked:
- The turn signal lights will flash twice and the exterior buzzer will sound twice.
- If the interior light switch is in DOOR position, the interior light will turn on for about 15 seconds and then fade out. If you press the engine switch or the power switch during this time, the light will start to fade out immediately.

Check that the doors are locked after you operate the request switch to lock the doors.

NOTE:
- *The door locks cannot be operated by the request switch under the following conditions:*
  - *If any door is open or is not completely closed.*
  - *If the ignition mode is in any other mode than LOCK (OFF).*
- *If no doors are opened within about 30 seconds after unlocking the doors by*

pushing the request switch, the doors will be locked again automatically.



68PH00210

(1) 80 cm (2.6 ft)

When the remote controller is within approximately 80 cm (2.6 ft) from a front door handle or the tailgate switch, you can lock or unlock the doors by pushing the request switch.

NOTE:

- *If the remote controller is outside the request switch operating range described above, you will not be able to operate the request switch.*
- *If the battery of the remote controller runs down or there are strong radio waves or noise, the request switch operating range may be reduced or the remote controller may be inoperative.*
- *If the remote controller is too close to the door glass, the request switches may not operate.*
- *If a spare remote controller is in the vehicle, the request switches may not operate normally.*
- *The remote controller will only operate a request switch if it is within the switch's operating range. For example, if the remote controller is within the operating range of the driver's door request switch but not the front passenger's door request switch or the tailgate request switch, the driver's door switch can be operated but the front passenger's door switch or tailgate switch cannot be operated.*
- *If the remote controller is located in the following places in the vehicle, the remote controller may be detected and the request switch may be activated depending on the radio wave condition, there is a risk of that the remote controller may be trapped inside the vehicle.*
  - *On the instrument panel*
  - *Floor*
  - *Luggage compartment*
  - *Deep in storage compartments such as the glove box or a door pocket, etc.*

NOTICE

The remote controller is a sensitive electronic instrument. To avoid damaging the remote controller:

- **Do not expose it to impacts, moisture or high temperature such as by leaving it on the dashboard under direct sunlight.**
- **Keep the remote controller away from magnetic objects such as a television.**

NOTE:

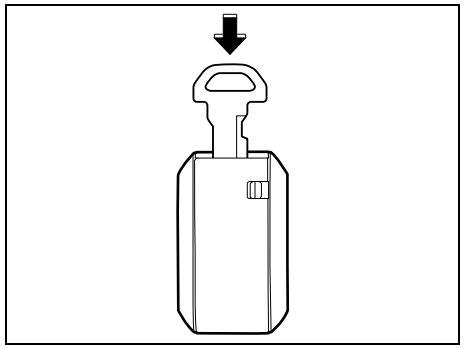
The keyless push start system may not function correctly in certain environments or under certain operating conditions such as the following:

- *When there are strong signals coming from a television, power station or a cellular phone.*
- *When the remote controller is in contact with or covered by a metal object.*
- *When a radio wave type remote keyless entry is used nearby.*
- *When the remote controller is placed near an electronic device such as personal computer.*

Some additional precautions you should take and information you should be aware of are:

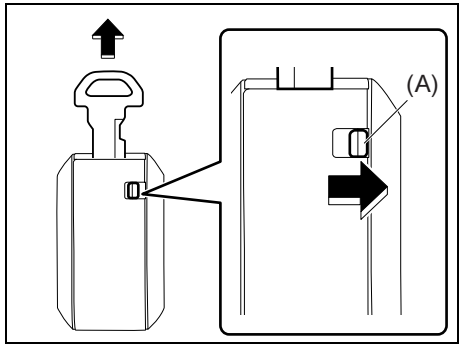
- *Check that the key is stowed in the remote controller. If the remote controller becomes unusable, you will not be able to lock or unlock the doors.*

- *Check that the driver always carries the remote controller.*
- *If you lose one of the remote controllers, ask Your Toyota Dealer as soon as possible for a replacement. Have Your Toyota Dealer for program the new remote controller code in your vehicle's memory so that the old code is erased.*
- *You can use up to four remote controllers and the keys for your vehicle. Ask Your Toyota Dealer for details.*
- *The battery life of the remote controller is about two years, but it can vary depending on usage conditions.*



55T030030

To stow the key into the remote controller, push the key in the remote controller until you hear a click.



55T030040

To remove the key from the remote controller, slide the lock knob (A) in arrow direction and pull the key out from the remote controller.

Request switch warning buzzer

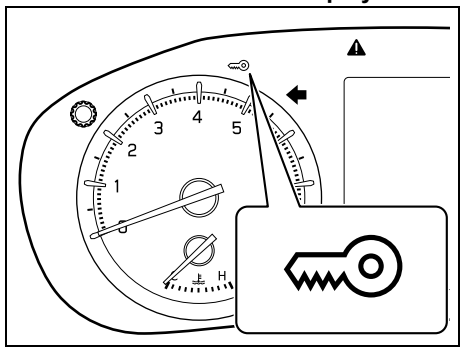
The exterior buzzer beeps for about 2 seconds in the following conditions to warn you that the request switch is not working:

- The request switch is pressed after all doors are closed with the ignition mode changed to ACC or ON position by pressing the engine switch or the power switch when the remote controller is outside the vehicle.
- The request switch is pressed in any of the following conditions after changing the ignition mode to LOCK (OFF) by pressing the engine switch or the power switch.
  - The remote controller is left inside the vehicle.
  - Any door (including the tailgate) is open.

Press the request switch again after doing the following:
With the ignition mode changed to LOCK (OFF) by pressing the engine switch or the power switch, bring out the remote controller if it is inside the vehicle and check that all doors are completely closed.

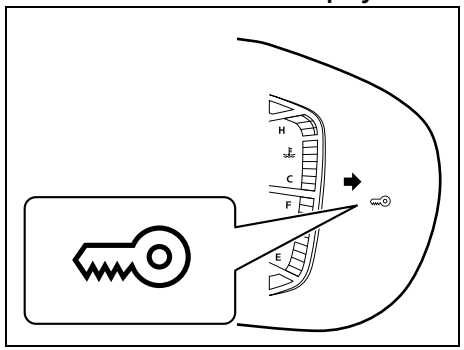
Reminder function

With 4.2inch information display model



76TS30180

With 7.0inch information display model



76TS30170

If the remote controller is not in the vehicle under the following conditions, the buzzer sounds intermittently for about 2 seconds and the immobilizer/keyless push start system warning light on the instrument cluster blinks:
When one or more doors are opened and all of the doors are later closed with the ignition in any other mode than LOCK (OFF).

The indicator light will turn off within several seconds after the remote controller is returned to an area of the vehicle other than the rear luggage area.

If the remote controller is left in the vehicle and you lock the driver's door or front passenger's door as described below, the door will be automatically unlocked.

- If you open the driver's door and lock the door by turning the lock knob forward or pushing the power door locking switch, the driver's door will be automatically unlocked.
- If you open the front passenger's door and lock the door by turning the lock knob forward or pushing the power door locking switch, the front passenger's door will be automatically unlocked.

NOTE:

- *The reminder will not operate when the remote controller is on the instrument panel, in the glove box, in a storage compartment, in the sun visor or on the floor, etc.*
- *Check that the driver always carries the remote controller.*
- *Do not leave the remote controller in the vehicle when leaving the vehicle.*

Battery replacement

⚠ WARNING

Swallowing a lithium battery may cause serious internal injury or death in the worst case. Do not allow anyone to swallow a lithium battery. Keep lithium batteries away from children and pets. If swallowed, contact a physician immediately.

NOTICE

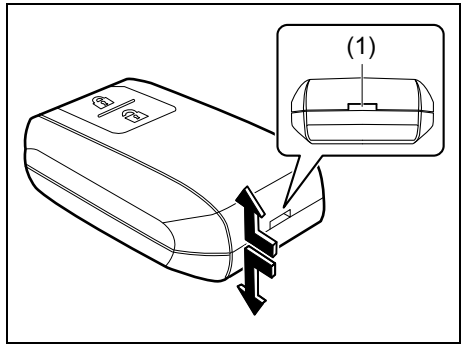
- **The remote controller is a sensitive electronic instrument. To avoid damaging it, do not expose it to dust or moisture or tamper with internal parts.**
- **When you replace the battery by yourself, touch a metallic part and remove static electricity to prevent damaging the remote controller.**

NOTE:
- *Used batteries must be disposed of properly according to applicable rules or regulations and must not be disposed of with ordinary household trash.*
- *You may damage the remote controller when replacing its battery. Asking Your Toyota Dealer is recommended.*
- *When you purchase the battery by yourself at Your Toyota Dealer or the other stores, check the year of manufacture for the battery.*

Battery replacement
If the remote controller becomes unreliable, replace the battery.

NOTE:
You may damage the remote controller when replacing its battery. Asking Your Toyota Dealer is recommended.

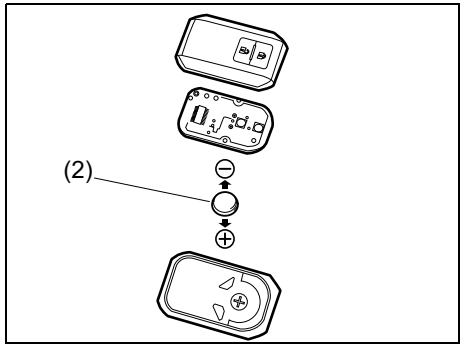
To replace the battery of the remote controller:



73S020020

1) Pull the key out from the remote controller.

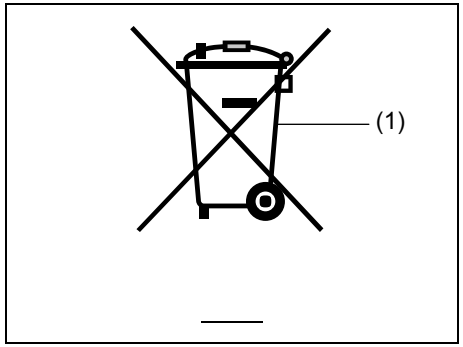
2) Separate the remote controller up and down while applying force to the slot (1) on the side of the remote controller.



73S020040

(2) Lithium disc type battery: CR2032

3) Replace the battery (2) so its + terminal faces the bottom of the case as shown in the illustration.
4) Close the remote controller firmly.
5) Check that the door locks can be operated with the remote controller.
6) Dispose of the used battery properly according to applicable rules or regulations. Do not dispose of lithium batteries with ordinary household trash.



80JM133

(1) Crossed-out wheeled bin symbol

The crossed-out wheeled bin symbol (1) indicates that a used battery should be collected separately from ordinary household trash.

By ensuring the used battery is disposed of or recycled correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate battery disposal. The recycling of materials will help to conserve natural resources. For more detailed information about disposing of or recycling of the used battery, consult Your Toyota Dealer.

Security System

The security system is armed after you close and lock all doors (including engine hood and tailgate) by using the keyless push start system remote controller or request switch.
Once the system is armed, any attempt to open a door by using any other means (*) than the keyless push start system remote controller, request switch or open the engine hood, will cause the alarm to be triggered.
* These means include the following:
  – The key
  – The lock knob on a door
  – The central door locking switch
  – The tailgate unlatch switch

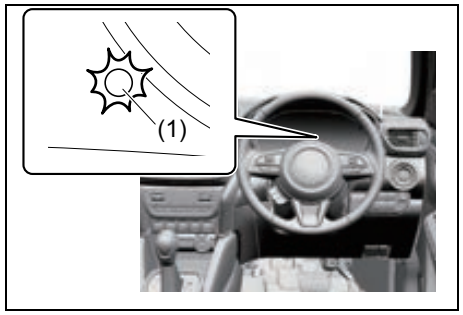
Also, in case that you have set the shock sensor to enabled state and set sensitivity of the pre-warning function and full blast warning function to a level other than 0, the warning will be triggered in case of any attempt to tamper with the vehicle. The shock sensor can be selected enabled or disabled state, and sensitivity of each warning can be adjusted as desired. To set the shock sensor, ask Your Toyota Dealer or use the setting mode of the information display.

NOTE:
- *The default setting of the shock sensor is in the disabled state. Set to the enabled state and adjust sensitivity of each warning according to your preference. For details on how to use the information display, refer to "Information Display" in "INSTRUMENT CLUSTER" section.*
- *Your dealer may have already set the shock sensor of the vehicle to the enabled state before you purchase it. Consult your dealer for further information.*

NOTE:
- *The security system generates alarms when any of the predetermined conditions is met. However, the system does not have any function of blocking unauthorized entry into the vehicle.*
- *Always use the keyless push start system remote controller or request switch to unlock the doors when the security system has been armed.Using a key instead will trigger the alarm.*
- *If a person who does not know the security system is going to drive the vehicle, we recommend you explain the system and its operation to the person. Mistakenly triggering the alarm may cause a nuisance to others.*
- *Even if the security system is armed, you should still be careful to guard against theft. Do not leave money or valuable things in the vehicle.*

How to Arm the Security System

Lock all doors (including engine hood and tailgate) using the keyless push start system remote controller or request switch.
When the system is armed, the indicator continues to blink at intervals of approximately 2 seconds.



76TS30030

NOTE:
- *To prevent the alarm from being accidentally triggered, avoid arming it while anyone remains inside the vehicle. The alarm will be triggered if any person inside opens the door, tailgate, engine hood, or the warning may be triggered if anyone swings the vehicle (if the shock sensor is in the enabled state).*
- *The security system is not armed when all doors are locked using the key from outside, using the door lock knobs or the central door locking switch from inside.*
- *If any door is not operated within approximately 30 seconds after the doors have been unlocked using the keyless push start system remote controller or request switch, the doors are automatically locked again. When the doors are locked, the security system will be armed.*
- *If the security system indicator (1) blinks when the ignition mode is "ON", there may be something wrong with the security system. Ask Your Toyota Dealer to inspect the system.*

How to Disarm the Security System

Simply unlock the doors using the keyless push start system remote controller or request switch. The security system indicator will go out, indicating that the security system is disarmed.

How to Stop the Alarm

Should the alarm be triggered accidentally, the alarm will stop by the following operations.

- Press the engine switch or the power switch to change the ignition mode to ON in case of emergency.
- Unlock the doors using the keyless push start system remote controller or request switch.

NOTE:

- *Even after the alarm has stopped, if you lock the doors using the keyless push start system remote controller or request switch, the security system will be rearmed.*
- *If you disconnect the battery while the security system is in the armed condition or the alarm is actually in operation, the alarm will be re-triggered when the battery is reconnected.*
- *Even after the alarm has stopped at the end of the predetermined operation time, it will be triggered again if any of the doors, tailgate or engine hood is opened, without disarming the security system.*

Checking Whether the Alarm has Been Triggered During Parking

If the alarm was triggered and you then the ignition mode is ON the security system indicator will blink rapidly for about 8 seconds and a buzzer will beep 4 times during this period. If this happens, check whether the vehicle has been broken into while you were away from it.

Security System Indication

- If any of the doors or tailgate are opened without unlocking by the keyless push start system remote controller or request switch, all turn signal lights start to blink and the interior buzzer beeps intermittently. After 5 seconds, the siren will sound for about 27.5 seconds. The security system indicator continues to blink during this time.
- If the engine hood is opened, all turn signal lights blink, and the siren sounds for about 27.5 seconds. The security system indicator continues to blink during this time.

(If the shock sensor is in the enabled state)

- If the vehicle feels a shock higher than the pre-warning sensitivity, the siren sounds for about 2 seconds (pre-warning). If the vehicle feel a shock higher than the full blast warning sensitivity, the siren sounds for about 5 seconds (full blast warning). The security system indicator continues to blink during this time.

NOTE:

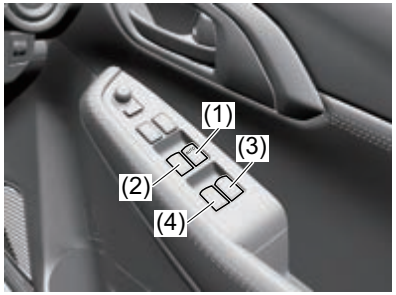
If you set the full blast warning sensitivity higher than the pre-warning sensitivity in the setting mode of the information display, or the vehicle feels such shock as to be able to trigger the full blast warning, the full blast warning will be triggered preferentially. In this case, the pre-warning will not be triggered.

Windows

Electric Window Controls

The electric windows can only be operated when the ignition mode is ON.

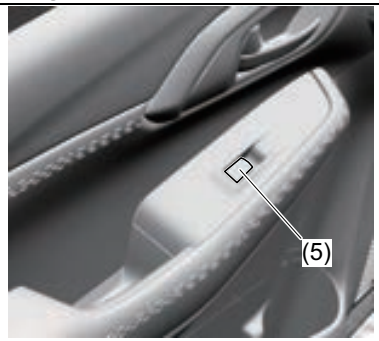
Driver's side



76TS30040

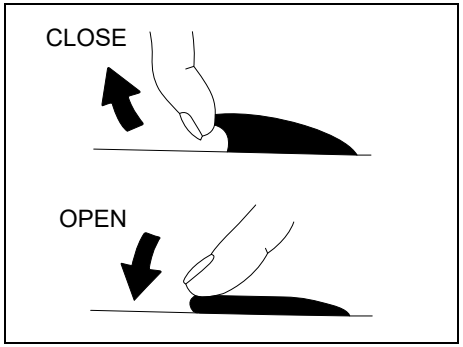
The driver's door has a switch (1) to operate the driver's window, and a switch (2) to operate the front passenger's window or there are switches (3), (4), to operate the rear left and right passenger windows, respectively.

Passenger's door / rear door



76TS30050

The passenger's door has a switch (5) to operate the passenger's window.



81A009

To open a window, push the top part of the switch. To close the window, lift up the top part of the switch.

The driver's window has AUTO-DOWN and AUTO-UP features for greater convenience (at toll booths or drive-through restaurants, for example). These features allow the driver to open or close the window without holding the window switch in DOWN or UP position. Press down or lift up the driver's window switch completely and release it. To stop the window before it reaches the FULL-DOWN or FULL-UP position, pull up or push down the switch briefly.

Lock switch



76TS30060

The driver's door also has a lock switch for the passenger's window(s). When you push in the lock switch, the passenger's window(s) cannot be raised or lowered by operating any of the switches (2), (3), (4) or (5). To restore normal operation, release the lock switch by pushing it again.

⚠ WARNING

- **When opening or closing a window, a part of body such as hands, legs and neck may be caught by the window and an accident may occur. When you operate a window, observe the following precautions:**
  - **A driver and the other passengers should be careful when opening or closing a window.**
  - **Do not allow a child to operate the window switches.**
  - **You should always lock the passenger's window operation when there are children in the vehicle. Children can be seriously injured if they get part of their body caught by the window during operation. Refer to "Window Lock Switch" in this section for details.**
  - **When you leave your vehicle, make sure to press the engine switch or the power switch to change the ignition mode to OFF. Then, carry your key with you and take a child or children out of the vehicle.**

(Continued)

⚠ WARNING

(Continued)

- **When you open or close the front passenger's window or the rear windows on the driver's side, check that the other passengers and children do not take their hands and faces outside the vehicle, before the window operation. Also, make sure to inform them that you will perform the window operation.**

- **When you operate the electric window controls from the outside of the window, your hands or neck may be caught by the window and an accident may occur. Do not operate the electric window controls from the outside of the window.**

NOTE:
If you drive with one of the rear windows open, you may hear a loud sound caused by air vibration. To reduce the sound, open the driver's or front passenger's window, or narrow the rear window opening.

Pinching Prevention Function

The driver's window is equipped with a pinching prevention function. This function detects a foreign object that is caught in the window as it is being closed by AUTO-UP feature, which allows you to close the window without holding the window switch in UP position, and stops the window from closing to prevent damage.

⚠ WARNING

The function may not detect the object depending on shape, size, hardness and position of the object caught by the closing window. This may cause severe injury.
Be very careful when opening or closing the windows.

⚠ CAUTION

- **The pinching prevention function does not operate while you are holding the window switch in UP position.**
- **The pinching prevention function may not detect an object caught in the window just before the window is fully closed.**

NOTE:
Even if you cannot close the window by the AUTO-UP feature because there may be something wrong with the pinching prevention function, you can close the window by holding the window switch in UP position.
If you drive in extreme off-road condition, the pinching prevention function may operate accidentally because the window reacts to vehicle jolting.

Pinching prevention function initialization
When you disconnect and reconnect the lead-acid battery or replace the fuse, the function will be deactivated. In this condition, the AUTO-DOWN feature will be deactivated, while the AUTO-UP feature may remain activated. The pinching prevention function needs to be initialized.

To initialize the pinching prevention function, use the following procedure:
1) Press the engine switch or the power switch to change the ignition mode to ON.
2) Open the driver's window fully by holding the window switch in DOWN position.
3) Close the driver's window by holding the switch in UP position, and keep holding the switch for 2 seconds after the window is fully closed.
4) Check the driver's window to see if the AUTO-DOWN/UP feature works.

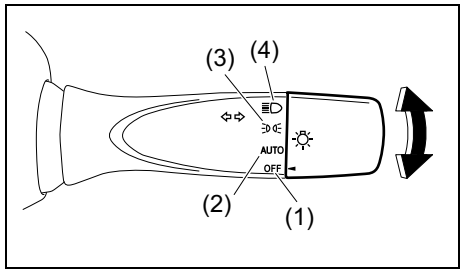
⚠ WARNING

As the pinching prevention function will not operate until its initialization is completed, an accident may occur. Make sure to perform the pinching prevention function initialization.

If the AUTO-DOWN/UP feature will not work after initialization, there might be something wrong with the pinching prevention function. Have your vehicle inspected by Your Toyota Dealer.

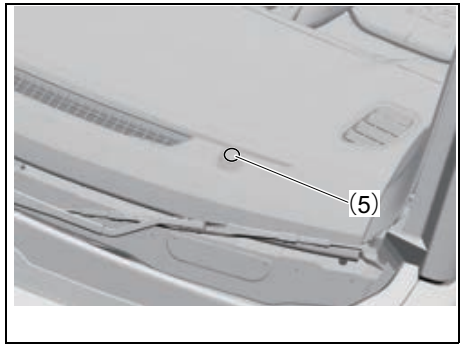
Lighting Control Lever

Lighting Lever Operation



76TS30400

- The image in the above figure is a typical example; it depends on the vehicle type.



76TS30070

Your vehicle's lighting system is controlled by the lighting switch and the auto-on headlight system (If equipped: when the lighting switch is in "AUTO" position).
The lighting switch and the auto-on headlight system (If equipped) work to operate your lights as shown in the following chart:

ON: Lights ON
LIGHT: When it is light around the light sensor (5) (if equipped).
DARK: When it is dark around the light sensor (5) (if equipped).

Lighting switch position	Main lights to be operated	Ignition mode LOCK (OFF) or ACC		Ignition mode ON	
		LIGHT	DARK	LIGHT	DARK
(1) OFF	Position lights, Tail lights License plate light	–	–	–	–
	Headlights	–	–	–	–
(2) AUTO (If equipped)	Position lights, Tail lights License plate light	–	–	–	ON
	Headlights	–	–	–	ON
(3)	Position lights, Tail lights License plate light	ON	ON	ON	ON
	Headlights	–	–	–	–
(4)	Position lights, Tail lights License plate light	ON	ON	ON	ON
	Headlights	ON	ON	ON	ON

To turn the lights on or off, twist the knob on the end of the lever. There are three or four positions:

OFF (1)
Position lights, tail lights, license plate light, and headlights are off.

AUTO (2) (If equipped)
This function works when the engine switch or the power switch is pressed to change the ignition mode to ON. The position lights, tail lights, license plate light, and headlights are turned on and off automatically according to the amount of outside light detected by a sensor. They go out automatically when you change the ignition mode to ACC or LOCK (OFF) by pressing the engine switch or the power switch.

The light sensor (5) for sensing the amount of outside light is installed on the passenger's seat side of instrument panel.

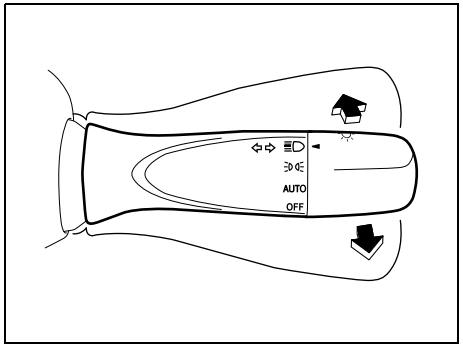
⚠ CAUTION

If the light sensor area of the windshield is covered with mud, ice, or other similar substances, the position lights, tail lights, license plate light, and headlights may be turned on even when it is still light outside.

NOTE:
- *Avoid covering the light sensor area of the windshield with a sticker. The sticker may impair the performance of the sensor and make the system unable to control operation of the lights correctly.*
- *If you changed the ignition mode to ON by pressing the engine switch or the power switch and "AUTO" position remains selected, the position lights, tail lights, license plate light, and headlights come on automatically as it gets dark outside, even with the engine not running and the hybrid system not activating. Leaving the lights lit for a long time may lead to a completely discharged battery.*

(3)
Position lights, tail lights, license plate light, and instrument lights are on, but headlights are off.

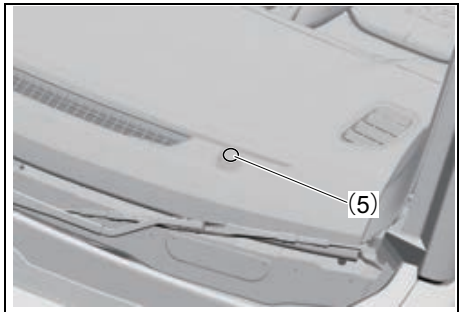
(4)
Position lights, tail lights, license plate light, instrument lights, and headlights are on.



76TS30410

With the headlights on, push the lever forward to switch to the high beams (main beams) and pull the lever toward you to switch to the low beams. When the high beams (main beams) are on, a light on the instrument cluster will come on. To momentarily activate the high beams (main beams) as a passing signal, pull the lever slightly toward you and release it when you have completed the signal.

Auto-on headlight system (If equipped)



76TS30070

The auto-on headlight system automatically turns on all lights that are operated by the lighting switch, when the following three conditions are all met.

Conditions for auto-on headlight system operation:
1) It is dark around the light sensor (5).
2) The lighting switch is in “AUTO” position.
3) You press the engine switch or the power switch to change the ignition mode to ON.

This system is activated by a signal from the light sensor (5) on the passenger side of instrument panel. Do not cover the sensor (5). Otherwise, the system will not work correctly.

⚠ WARNING

To help avoid an accident due to reduced visibility, turn on your headlights before driving into a tunnel, parking structure, etc.

NOTE:
The light sensor reacts even to infrared rays, so it may operate incorrectly when there are strong infrared rays.

Light Reminder Buzzer

The interior buzzer continuously beeps if you open the driver’s door without turning off the headlights and position lights. This function is triggered under the following condition:
The headlights and/or position lights are on even after engine switch or the power switch is pressed to change the ignition mode to LOCK (OFF).

The buzzer stops sounding when you turn off the headlights and position lights.

NOTE:
A message is indicated on the information display in the instrument cluster while the buzzer is sounding.

Daytime Running Light (D.R.L.) System

When the engine or the hybrid system is started, the daytime running lights are turned on by this system.

Conditions for D.R.L. system operation
- The engine is running or the hybrid system is activating.
- Headlights are off.

To change the function:
1) Set ignition “ON”.
2) Perform the following steps within 15 seconds after Step 1).
   a)Turn lighting switch to “≡D” position.
   b)Turn lighting switch to “OFF” position.
   c)Repeat Step a) to b) for another 4 more times.
   d)Turn lighting switch to “≡D” position.
   e)Turn lighting switch to “OFF” position.
   f)Repeat Steps d) to e) for another 4 more times.
3) Warning buzzer (in combination meter) sounds by the specified number for each mode as follows.
   - Changed from “Disabled” mode to “Active” mode: Buzzer sounds twice.
   - Changed from “Active” mode to “Disabled” mode: Buzzer sounds once.

NOTE:
- *Brightness of the daytime running lights is different from the brightness of the position lights, but it is not a malfunction.*

- *When using the turn signal light, the Daytime Running Light on the side where the turn signal light is blinking goes off.*

Guide Me Light (if equipped)

Guide me light has two functions of “To home” and “To car” for improving your visibility in the dark.

“To home” function
Even after you leave the car, the ground will be illuminated for a short while with this function. You can turn on the position lights and the headlights in the low beam setting for about 10 seconds after the engine switch or the power switch is pressed to change the ignition mode to LOCK (OFF).

To set the function:
1) Turn the lighting switch to “AUTO” position.
2) Press the engine switch or the power switch to change the ignition mode to LOCK (OFF).
3) Pull the lighting control lever toward you once and open the driver’s side door within 60 seconds. Or pull the lighting control lever toward you once while the driver’s side door is open.

To cancel the function:
Perform any of the following operations.
- Pull the lighting control lever toward you once.
- Change the ignition mode to ACC or ON by pressing the engine switch or the power switch.
- Turn the lighting switch to any other position than “AUTO” position.

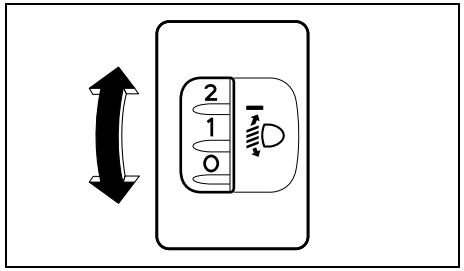
NOTE:
- *When the “To home” is functioning, and the headlights (high beam) are not turned on.*
- *Lighting time of the “To home” function can be changed on the information display. Refer to “Information display” in “INSTRUMENT CLUSTER” section.*

“To car” function
Before you get in the vehicle, the ground will be illuminated for a short while to easily lead the driver to the vehicle. If UNLOCK button of the keyless push start system remote controller is pressed while the lighting switch is positioned in “AUTO”, the position lights and the headlights in the low beam are turned on for 10 seconds.
This function will operate only when it is dark outside the vehicle.

To cancel the function:
Perform any of the following operations.
- Lock the doors by using the keyless push start system remote controller, the request switch or the key in the driver’s door lock.
- Change the ignition mode to ACC or ON by pressing the engine switch or the power switch.
- Turn the lighting switch to any other position than “AUTO” position.

NOTE:
- *When the “To car” is functioning, the headlights (high beam) are not turned on.*
- *Lighting time of the “To car” function can be changed on the information display. Refer to “Information display” in “INSTRUMENT CLUSTER” section.*

Headlight Leveling Switch



75RM008

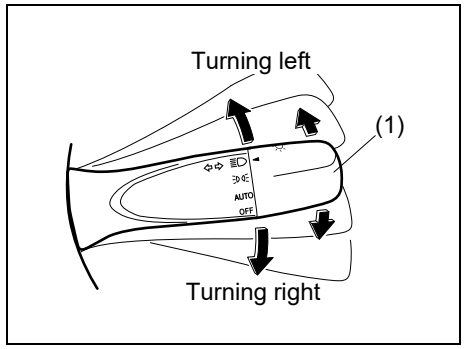
Level the headlight beam according to the load condition of your vehicle by turning this switch. The chart shows the appropriate switch position for different vehicle load conditions.

	Halogen headlight	LED headlight
Vehicle Load Condition	Switch Position	
Driver only	0	0
Driver + 1 passenger (in front seat)	0.5	0.5
Driver + 4 passengers, no cargo	2.0	2.0
Driver + 4 passengers, cargo added	3.0	2.5
Driver + full cargo	4.0	3.5

Turn Signal Control Lever

You can use the turn signal control lever when the engine switch or the power switch is in ON mode.

Turn Signal Operation



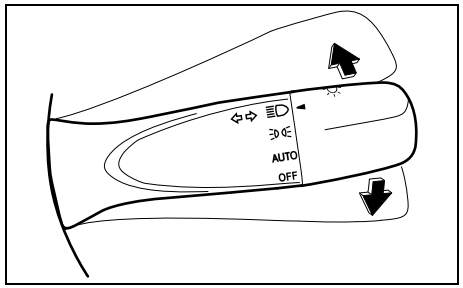
76TS30421

- Move the turn signal control lever (1) as follows:
  – Turning left: Move the lever upward.
  – Turning right: Move the lever downward.

- When you move the lever, the turn signal lights and the turn signal light indicators on the instrument cluster will flash simultaneously.
- When you move the lever to its original position, the turn signal lights and the turn signal light indicators on the instrument cluster will be turned off.
- When the turn is completed, the signal will cancel and the lever will return to its normal position.
- The turn signal control lever in the above figure is a typical example; the actual equipment depends on the vehicle type.

NOTE:
If the angle which you turn the steering wheel is small, the lever will not automatically returned to its original position. In this case, return the lever to its original position by your hand.

Lane change signal



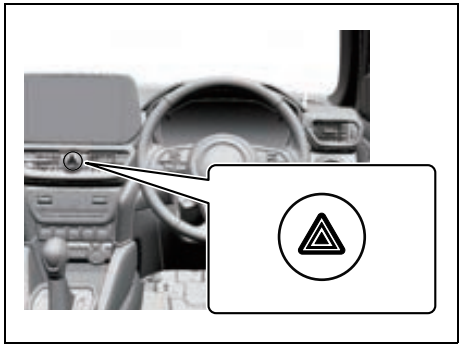
76TS30300

Move the lever slightly in the directions in which you want to change lanes and hold the lever in the moved position.

- The turn signal and its indicator flash while the lever is held at the moved position.
- The turn signal and its indicator flash 3 times even if you returned the lever immediately after the activation.

NOTE:
- *The turn signal and its indicator can be set whether they flash 3 times after the turn signal lever is returned via the information display. Refer to "Information display" in "INSTUMENT CLUSTER. section.*
- *You can customize the setting for the number of flashing times of the turn signal and its indicator (1 to 4 times). Please ask Your Toyota Dealer for the customization.*

Hazard Warning Switch



76TS30080

You can use the hazard warning switch to warn the other drivers of possible risk of traffic hazard when you park your vehicle in case of emergency.

- Push the hazard warning switch to activate the hazard warning lights. All the turn signal lights and the turn signal indicators on the instrument cluster will flash simultaneously.
- Push the switch again to turn off the hazard warning switch.
- The instrument panel in the above figure is a typical example; the actual equipment depends on the vehicle type.

NOTICE

If you use the hazard warning switch for many hours with the engine or the hybrid system stopped, the lead-acid battery may run out.
Do not use the hazard warning switch for many hours with the engine or the hybrid system stopped.

Windshield Wiper and Washer Lever

When the ignition mode ON, you can use the wiper/washer lever.

⚠ CAUTION

In cold weather, the sprayed washer fluid on the glass may get frozen and it may cause poor visibility to a driver. Use the defroster to warm the glass and spray the washer fluid. Refer to "Heating And Air Conditioning" in the "OTHER CONTROLS AND EQUIPMENT" section.

NOTICE

- **If you use the wipers with the glass dried, the glass and the wiper blade rubbers may be damaged. When the glass is dry, use the washer fluid and then use wipers.**
- **If you operate the wipers with the wiper blades stuck on the glass, the wiper blade rubbers may be damaged or the wipers may be broken. When the wiper blades are stuck on the glass, do not operate the wipers.**
- **If you use the washer when the washer fluid cannot be sprayed enough, the washer pump may be broken. When the washer fluid cannot be sprayed enough, turn off the washer switch.**

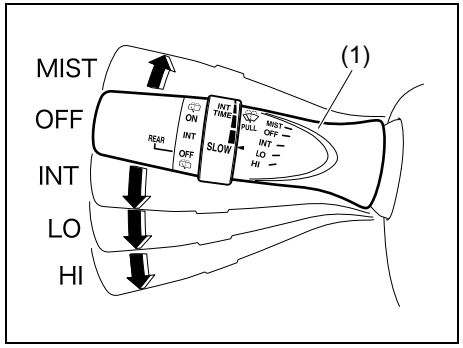
When the operative wipers suddenly stop

When the wipers are under heavy load such as covered by snow and the temperature of the wiper motor becomes high, the breaker will be activated and the wipers will temporarily stop to protect the wiper motor from overheating.
If this happens, perform the following operations:

1) Stop the vehicle in a safe place, and press the engine switch or the power switch to change the ignition mode to ACC or LOCK (OFF).
2) Move the wiper lever and switch to “OFF” position.
3) Remove obstacles such as snow on the wipers.
4) After a while, when the temperature of the wiper motor becomes low enough, the breaker will be reset automatically and you can use the wipers.

If you cannot use the wipers after a while, there may be another problem. Ask Your Toyota Dealer to have the wipers inspected.

Windshield Wipers

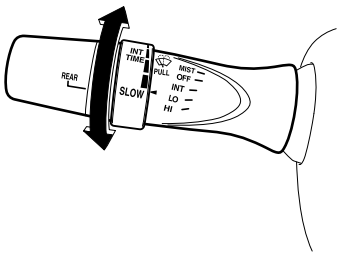


76TS30520

You can operate the windshield wipers by moving the lever (1) upward or downward.

MIST	Temporary operation only while the lever is up
OFF	Off
INT	Intermittent operation
LO	Low speed operation
HI	High speed operation

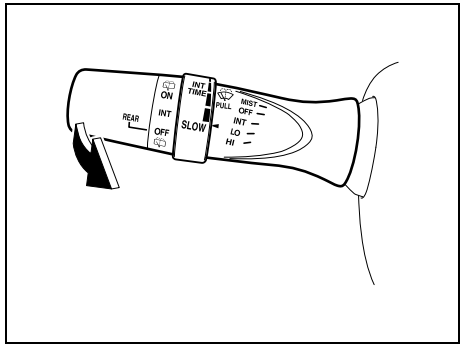
EXAMPLE



76TS30530

If the lever is equipped with “INT TIME” control, turn the control forward or backward to adjust the intermittent wiper operation to the desired interval.

Windshield Washer



76TS30540

If you pull the lever (1) toward you, the windshield washer fluid will be sprayed and the windshield wipers will automatically operate a few times.

⚠ WARNING

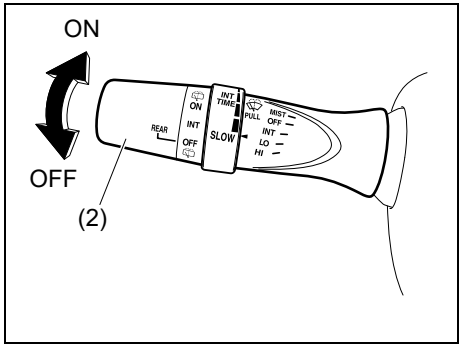
- **To prevent windshield icing in cold weather, turn on the defroster to heat the windshield before and during windshield washer use.**
- **Do not use radiator antifreeze in the windshield washer reservoir. It can severely impair visibility when sprayed on the windshield, and can also damage your vehicle's paint.**

NOTICE

To help prevent damage to the windshield wiper and washer system components, you should take the following precautions:

- **Do not continue to hold in the lever when there is no windshield washer fluid being sprayed or the washer motor can be damaged.**
- **Do not attempt to remove dirt from a dry windshield with the wipers or you can damage the windshield and the wiper blades. Always wet the windshield with washer fluid before operating the wipers.**
- **Clear ice or packed snow from the wiper blades before using the wipers.**
- **Check the washer fluid level regularly. Check it often when the weather is bad.**

Rear Window Wiper (if equipped)



76TS30550

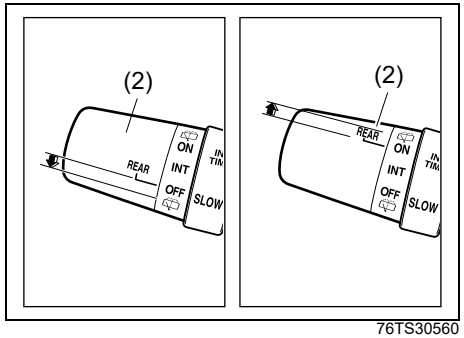
You can operate the rear window wiper by twisting the lever (2) as shown in the illustration.

ON	Normal operation
INT	Intermittent operation
OFF	Off

NOTICE

Clear ice or snow from the rear window and rear wiper blade before using the rear wiper. Accumulated ice or snow could prevent the wiper blade from moving, causing damage to the wiper motor.

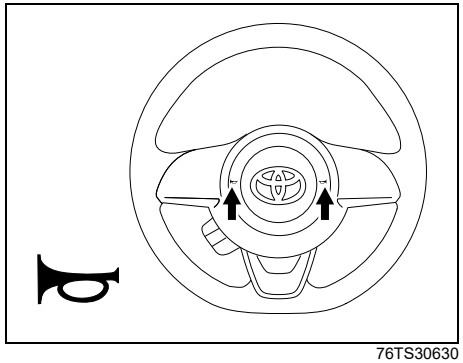
Rear Window Washer (if equipped)



76TS30560

- If you twist the lever (2) in the direction of ⬆ and align it to 🚿 (washer) position above “ON” position, the rear window washer fluid will be sprayed and the rear wiper will operate simultaneously. If you release your hand from the lever, it will return to “ON” position.
- If you twist the lever (2) in the direction of ⬇ and align it to 🚿 (washer) position below “OFF” position, the rear window washer fluid will be sprayed and the rear wiper will operate simultaneously. If you release your hand from the lever, it will return to “OFF” position.

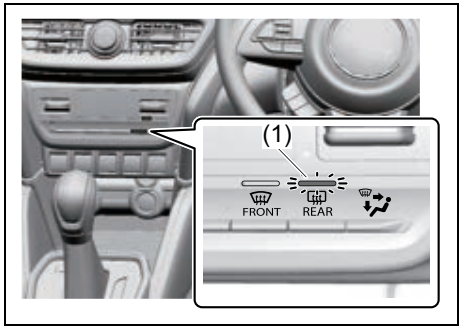
Horn



76TS30630

Press the horn button of the steering wheel to sound the horn. The horn will sound with any ignition mode.

Heated Rear Window Switch



76TS30090

While the engine is running or the hybrid system is activating, you can use the heated rear window switch as the defogger for the rear window glass.

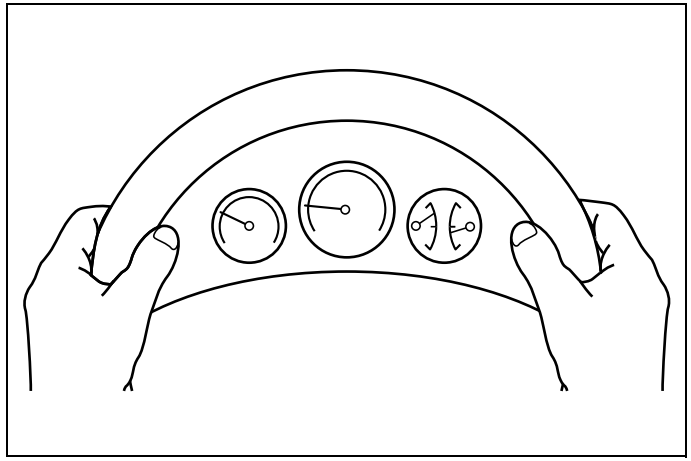
- If you push the rear defogger switch, the rear window glass will be heated and the indicator light (1) will turn on. To turn off the defogger, push the switch again.
- The defogger will automatically turn off after the defogger remains on for 15 minutes to prevent discharging of the lead-acid battery.
- If you press the engine switch or the power switch to change the ignition mode to ACC or LOCK (OFF) with the defogger on, the defogger will not automatically operate even if you start the engine again.

NOTICE

The heated rear window use a large amount of electricity. If you do not turn off the switch after the window and mirrors have become clear, the battery may run out. To protect the lead-acid battery, turn off the switch shortly after the window and mirrors have become clear.
Also, do not use the defogger to melt snow or dry rain water.

NOTE:
- *When you wipe the interior side of the rear window glass, use a soft cloth dampened with water and wipe the glass along the heat wires, not to damage the heat wires and the terminals.*
- *The defogger will work only when the engine is running* or the hybrid system is activating.

INSTRUMENT CLUSTER

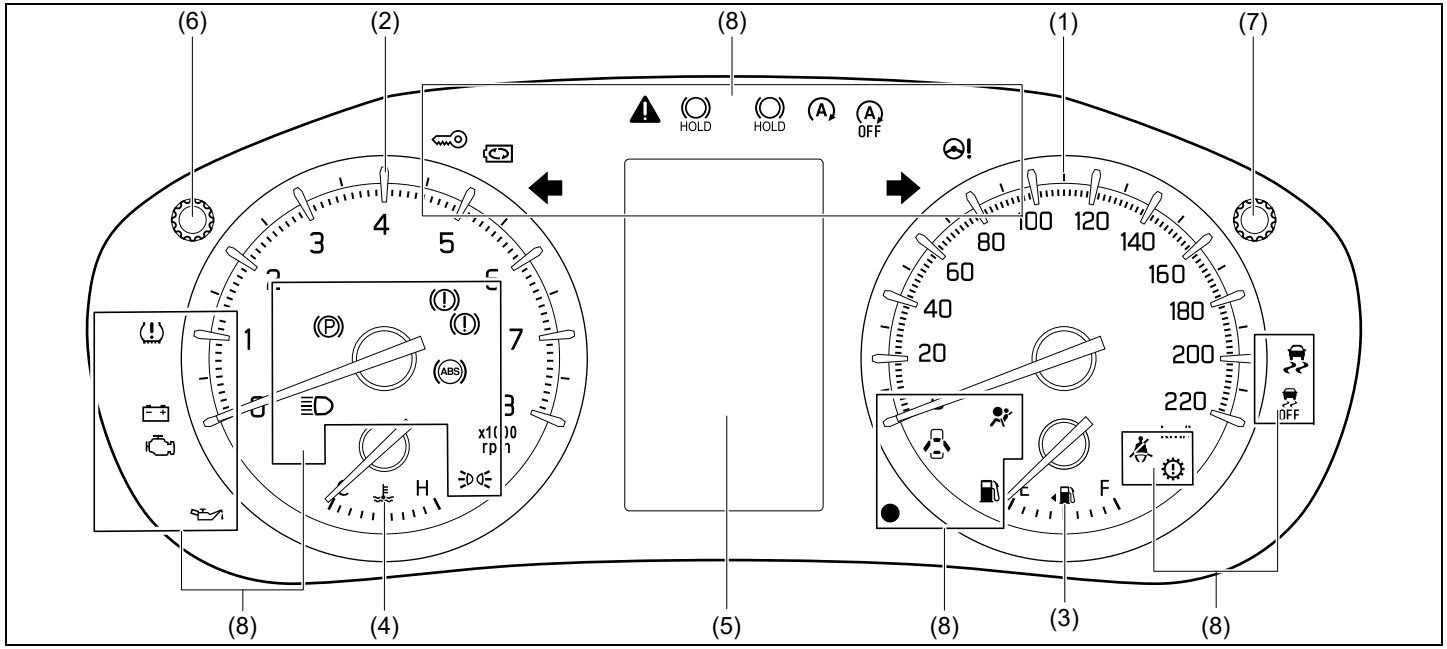


59RN04640

Instrument Cluster (Type A) 4-1
Information Display (Type A) 4-4
Instrument Cluster (Type B) 4-40
Information Display (Type B) 4-46
Warning and Indicator Lights 4-76

Instrument Cluster (Type A)

1. Speedometer
2. Tachometer
3. Fuel gauge
4. Temperature gauge
5. Information display
6. Trip meter selector knob
7. Indicator selector knob
8. Warning and indicator light



76TS40010

NOTE:
For vehicle fitted with CNG fuel system, refer to the supplementary owner's manual.

Speedometer

The speedometer indicates vehicle speed.

Speed Alert System

The speed alert system gives audible warning for alert of over-speed to driver. When the vehicle speed exceeds about 80 km/h (50 mph), primary level warning with two beeps will sound every minute. When the vehicle speed exceeds about 120 km/h (75 mph), secondary level warning with continuous beeps will sound.
If the vehicle speed is slowed down to about 118 km/h (74 mph), primary warning will resume. If the vehicle is slowed down to about 78 km/h (49 mph), speed alert warning will stop. This buzzer does not indicate any malfunction in vehicle.

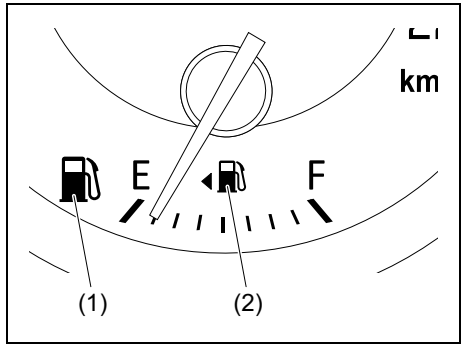
Tachometer

The tachometer indicates engine speed in revolutions per minute.

NOTICE

Never drive the vehicle with the engine revving in the red zone or severe engine damage can result.
Keep the engine speed below the red zone even when downshifting to a lower gear position.
Refer to "Downshifting maximum allowable speeds" in "OPERATING YOUR VEHICLE" section.

Fuel Gauge



76TS40030

When ignition switch is turned to "ON" position or the ignition switch is pressed to change the ignition mode to ON, this gauge gives a rough indication of the amount of fuel in the fuel tank. "F" stands for full and "E" stands for empty.

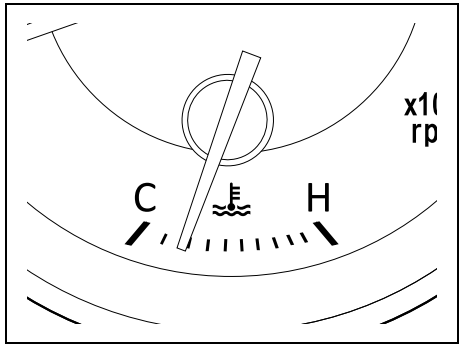
If the indicator approaches a low level (near "E") on fuel gauge, refill the tank as soon as possible.

NOTE:
The indicator moves a little depending on road conditions (for example, slope or curve) and driving conditions because of fuel movement in the tank.

If the low fuel warning light (1) comes on, refill the fuel tank as soon as possible.
Refer to “Low fuel warning light” in “Warning and indicator lights” in this section for details.

The mark (2) indicates that the fuel filler door is located on the left side of the vehicle.

Temperature Gauge (if equipped)



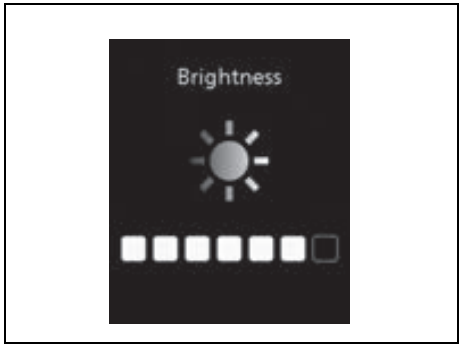
76TS40040

When the ignition switch is pressed to change the ignition mode to ON, this gauge indicates the engine coolant temperature. Under normal driving conditions, the indicator should stay within the normal, acceptable temperature range between “H” and “C”. If the indicator approaches “H”, overheating is indicated. Follow the instructions for “Engine trouble: Overheating” in “EMERGENCY SERVICE” section.

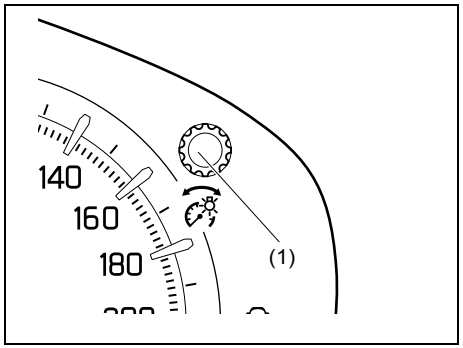
NOTICE

Continuing to drive the vehicle when engine overheating is indicated can result in severe engine damage.

Brightness Control



56RM02010



76TS40020

When the ignition switch is pressed to change the ignition mode to ON, the instrument panel lights come on.

Your vehicle has a system to automatically dim the brightness of the instrument panel lights when the position lights or headlights are on.

When the position lights and/or headlights are on, you can adjust the meter illumination brightness.

To increase the brightness of the instrument panel lights, turn the indicator selector knob (1) clockwise.

To reduce the brightness of the instrument panel lights, turn the indicator selector knob (1) counterclockwise.

⚠ WARNING

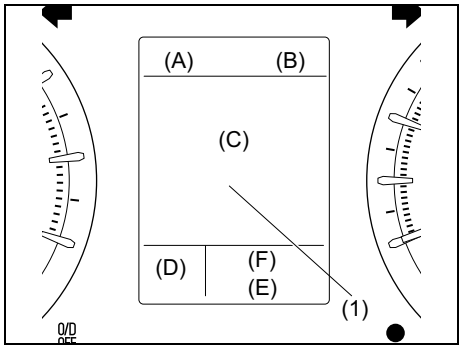
Do not adjust the brightness of the instrument panel lights while driving. Otherwise, you could lose control of the vehicle.

NOTE:
- *If you do not turn the knob within several seconds of activating, the brightness control display will be cancelled automatically.*
- *When you reconnect the lead-acid battery, the brightness of the instrument panel lights will be reinitialized. Readjust the brightness according to your preference.*

If you adjust to the maximum brightness level when the position lights or headlights are on, the following functions will be cancelled.
- *The function which automatically dims the brightness of instrument panel lights*
- *The function which operates with the brightness control, except maximum brightness level*

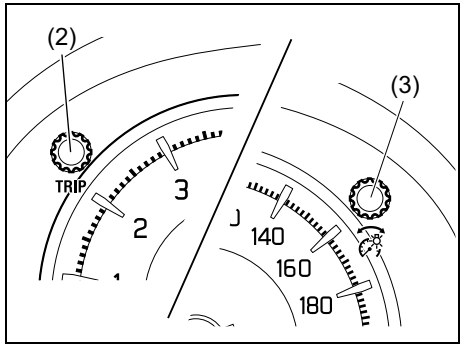
Information Display (Type A)

The information display is shown when the ignition mode is “ON”.



76TS40632

(1) Information display



55T040160

(2) Trip meter selector knob
(3) Indicator selector knob

The information display shows the following information.

Display (A)
Clock

Display (B)
Thermometer

Display (C)
Warning and indicator messages / Fuel consumption / Driving range / /Average Speed / Driving time / Clock and date / Motion / Torque and power / Accelerator and brake / Cruise control (if equipped)

Display (D)
Selector position

Display (E)
Odometer / Trip meter

Display (F)
Rear passenger's seat belt reminder



55T040250

When ignition switch is pressed to change the ignition mode to ON, the message display shown in the above illustration will appear on the display for several seconds. Some warning and indicator messages may appear on the display when the ignition mode is changed to ACC or LOCK (OFF)

Clock

The display (A) shows the time.

To set the clock, follow "Setting mode" instructions in this section.

Thermometer

The display (C) shows the thermometer.

The thermometer indicates the outside temperature.



52RM21050

If the outside temperature nears freezing condition, the message shown in the above illustration will appear on the display.

To change the temperature unit between "°C" and "°F", follow "Setting mode" instructions in this section.

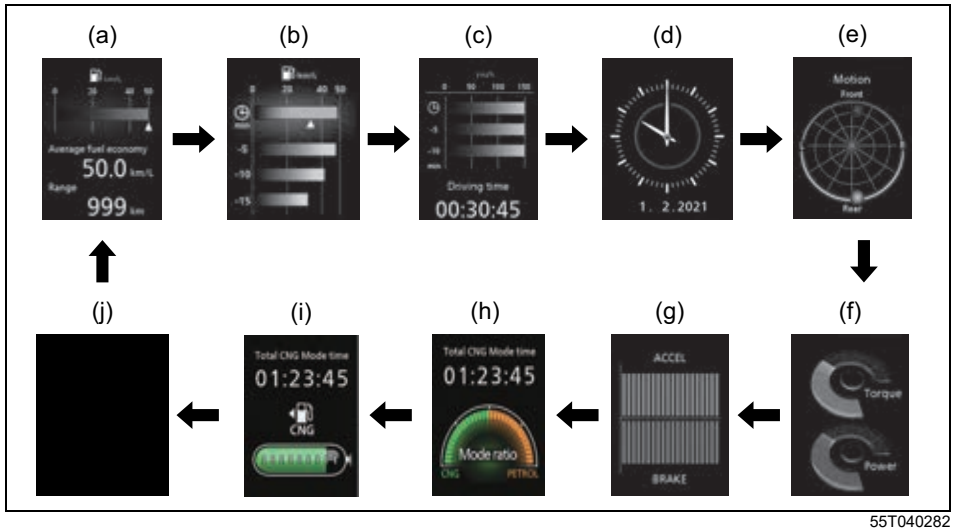
NOTE:
The outside temperature indication is not the actual outside temperature when driving at low speed, or when stopped.

Fuel Consumption (if equipped) / Driving Range (if equipped) / Average Speed / Driving Time / Clock and Date / Motion / Torque and Power / Accelerator and Brake (if equipped)

When there are no warning or indicator messages on the display (D), you can select one of the following indications to appear on the display: instantaneous fuel consumption, average fuel consumption, driving range, average speed, driving time, clock and date, motion, torque and power, accelerator and brake or no indication.

⚠ WARNING

If you attempt to adjust the display while driving, you could lose control of the vehicle. Do not attempt to adjust the display while driving.



55T040282

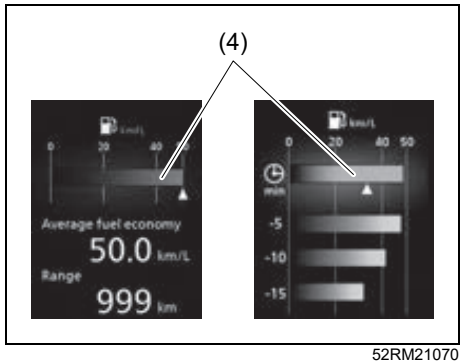
(a) Instantaneous fuel consumption / Average fuel consumption / Driving range (if equipped)
(b) Instantaneous fuel consumption / Average fuel consumption / 5-minute average fuel consumption (if equipped)
(c) Average speed / 5-minute average speed / Driving time
(d) Clock and date
(e) Motion
(f) Torque and power
(g) Accelerator and brake (if equipped)
(h) Mode ratio and total CNG mode time (If equipped) - Refer to the CNG supplementary owner's manual
(i) CNG gauge and total CNG mode time (If equipped) - Refer to the CNG supplementary owner's manual
(j) No indication

To switch the display indication, push the indicator selector knob (3) quickly.

NOTE:
The value of instantaneous fuel consumption, average fuel consumption, driving range, average speed, motion, torque and power, accelerator and brake shown on the display are affected by the following conditions;

- *road condition*
- *surrounding traffic condition*
- *driving condition*
- *vehicle condition*
- *a malfunction which causes the malfunction indicator light to come on or blink*

Instantaneous fuel consumption
The display shows instantaneous fuel consumption with a bar graph only when the vehicle is moving.



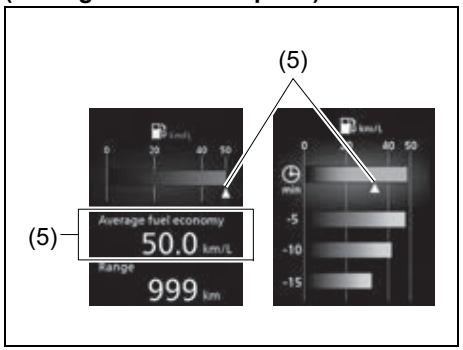
52RM21070

(4) Instantaneous fuel consumption

NOTE:
- *The display does not show the bar graph unless the vehicle is moving.*
- *Depending on the vehicle's specification, the fuel consumption units of initial setting are indicated as L/100km, km/L or MPG.*
- *For "L/100km" setting, the indicated maximum value of instantaneous fuel consumption is 30. No more than 30 will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
- *For "km/L" setting, the indicated maximum value of instantaneous fuel consumption is 50. No more than 50 will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
- *For "MPG(UK)" setting, the indicated maximum value of instantaneous fuel consumption is 80. No more than 80 will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
- *The indication on the display may be delayed if fuel consumption is greatly affected by driving conditions.*
- *The display shows estimated values. Indications may not be the same as actual values.*

Average fuel consumption / 5-minute average fuel consumption / 1-driving cycle average fuel consumption
Average fuel consumption from previous reset and 5-minute average fuel consumption, and 1-driving cycle average fuel consumption are shown.

(Average fuel consumption)



52RM21080

(5) Average fuel consumption

If you selected average fuel consumption the last time you drove the vehicle, the display shows the last value of average fuel consumption from previous driving when the ignition switch is pressed to change the ignition mode to ON. Unless you reset the value of average fuel consumption, the display indicates the value of average fuel consumption based on the average fuel consumption during previous driving.

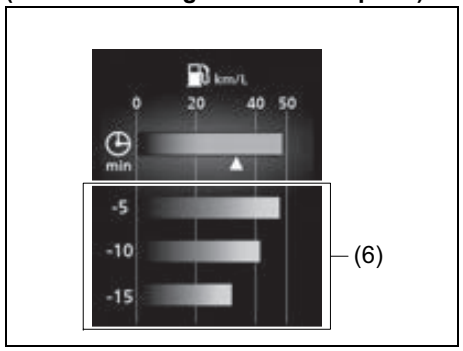
NOTE:
When you reconnect the negative (–) terminal to the lead-acid battery, the value of average fuel consumption will be shown after driving for a period of time.

You can select the timing to reset the value of average fuel consumption by one of the following three methods;
- Reset after refuel: the value of average fuel consumption will be reset automatically by refueling.
- Reset with trip meter A: the value of average fuel consumption will be reset automatically by resetting trip meter A.
- Reset manually: the value of average fuel consumption will be reset by pushing and holding the indicator selector knob (3) when the display indicates the average fuel consumption.

To change the timing to reset the value of average fuel consumption, refer to “Setting mode” in this section.

NOTE:
If you add only a small amount of fuel when you select “Reset after refuel”, the average fuel consumption value may not be reset.

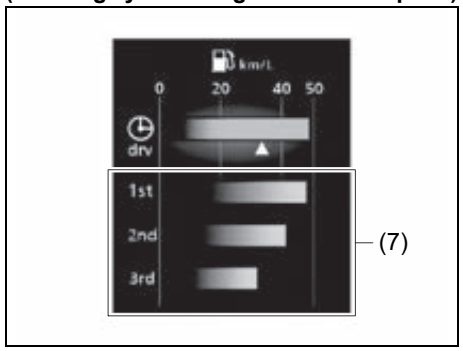
(5-minute average fuel consumption)



68PM00282

(6) 5-minute average fuel consumption

(1-driving cycle average fuel consumption)

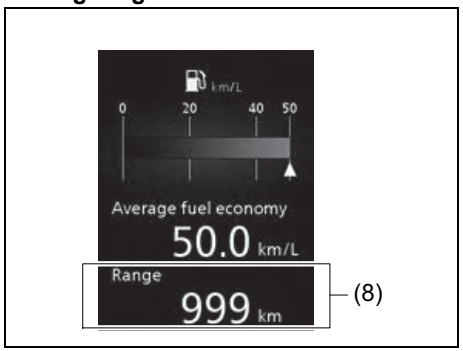


56RM02018

(7) 1-driving cycle average fuel consumption

You can check transition of average fuel consumption every 5 minutes from 15 minutes before up to now. Also, you can check transition of average fuel consumption the past 3 driving cycles. Time indication and driving cycle indication can be changed. For details, refer to “Setting mode” in this section.

Driving range



52RM21090

(8) Driving range

If you selected driving range the last time you drove the vehicle, the display indicates “---” for a few seconds and then indicates the current driving range when the ignition switch is pressed to change the ignition mode to ON.

The driving range shown in the display is the approximate distance you can drive until the fuel gauge indicates “E”, based on current driving conditions.

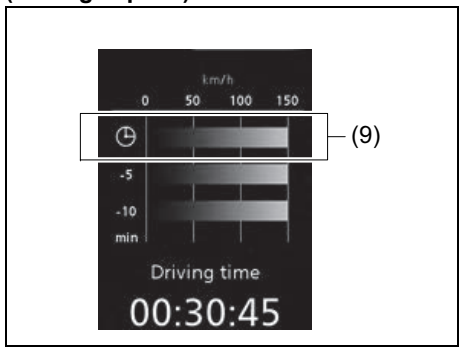
When the low fuel warning light comes on, the display “---” will appear.
If the low fuel warning light comes on, fill the fuel tank immediately regardless of the value of driving range shown in the display.

When you refuel, the driving range is updated. However, if you only add a small amount of fuel, the correct value will not be displayed.

NOTE:
- *If you refuel when the ignition mode is “ON”, the driving range may not indicate the correct value.*
- *When you reconnect the negative (–) terminal to the lead-acid battery, the value of driving range will be shown after driving for a period of time.*

Average speed / 5-minute average speed
Average speed from previous reset and 5-minute average speed are shown.

(Average speed)



52RM21100

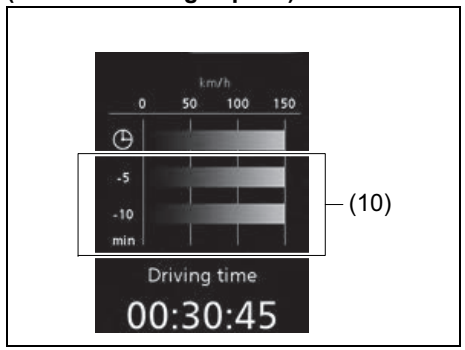
(9) Average speed

If you selected average speed the last time you drove the vehicle, the display indicates the last value of average speed from previous driving when the ignition switch is pressed to change the ignition mode to ON. Unless you reset the value of average speed, the display indicates the value of average speed which includes average speed during previous driving.

To reset the value of average speed, push and hold the indicator selector knob (3) for about 2 seconds when the display indicates an average speed. The display shows “---” and then indicates a new average speed after driving for a short time.

NOTE:
When you reconnect the negative (–) terminal to the lead-acid battery, the value of average speed will be shown after driving for a period of time.

(5-minute average speed)

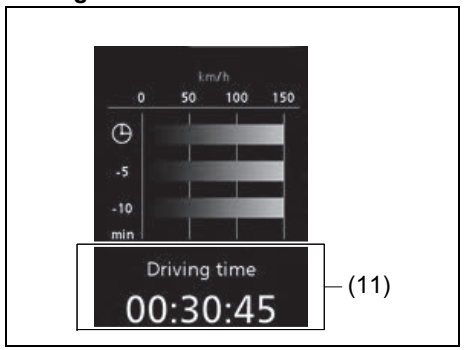


52RM21110

(10) 5-minute average speed

You can check transition of 5-minute average speed every 5 minutes from 10 minutes before up to now.

Driving time



52RM21120

(11) Driving time

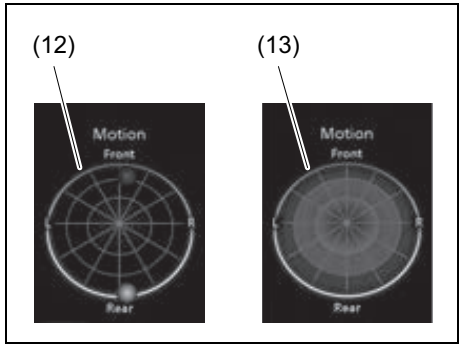
Driving time from previous reset is shown. To reset the driving time, push and hold the indicator selector knob (3) for about 2 seconds when the display indicates a driving time. The display shows "---" and then indicates a new driving time after driving for a short time.

NOTE:
- *Disconnection of the lead-acid battery negative (-) terminal will reset the indication of the driving time.*
- *The indicated maximum value of driving time is 99:59:59. No more than this value will be indicated on the display until you reset the driving time.*

Clock and date

Date and time are shown. For the setting procedure, refer to "Setting mode" in this section.

Motion



55T040290

This indicates how the center of gravity is moved while driving.
G (acceleration of gravity) position applied to the vehicle body while driving is shown by a globe (12).
When the vehicle is stopped, historical data of G positions applied to the vehicle body during the driving is shown as a graph (13).

G position history graph at the vehicle stopped can be changed to indicate or hide. For details, refer to "Setting mode" in this section.

⚠ WARNING

Do not look in the display intensively while driving. Doing so may result in an unexpected accident.

NOTE:
- *If G position history graph at the vehicle stopped has been set in indication mode, the graph (13) is shown for several seconds when you change the ignition mode to "LOCK" (OFF) after driving.*
- *The graph is shown approximately and the actual movement may differ.*

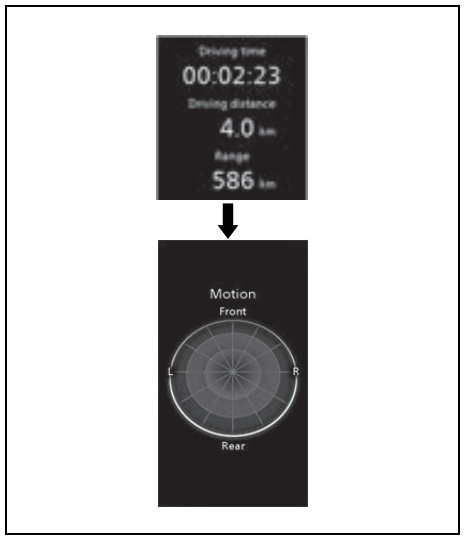
Torque and power

Present engine torque and power are shown.

Accelerator and brake

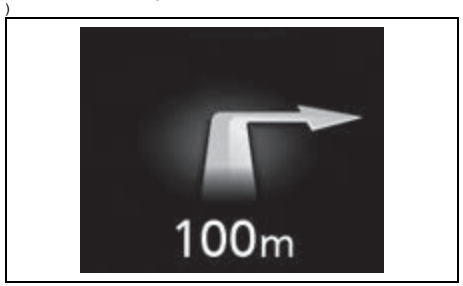
Present accelerator pedal depressing degree and brake line pressure are shown. The display is selectable to indicate or not to indicate. For details, refer to "Setting mode" in this section.

Information shown after driving
When you press the ignition switch to change the ignition mode to “LOCK” (OFF), the following information appears for several seconds on the information display.



55T040010

Intersection Guidance (When using Android Auto™*1 or Apple CarPlay*2 on infotaiment system
)



59RN04710

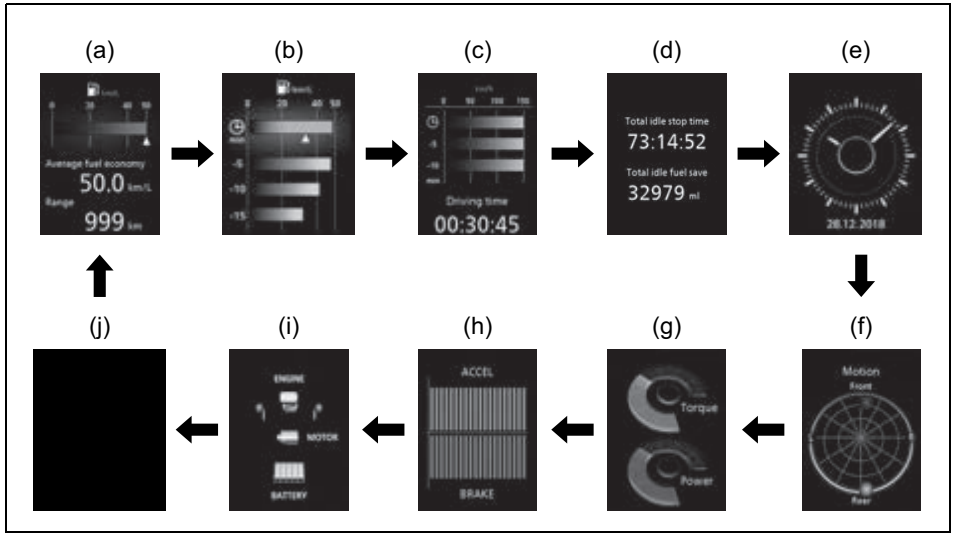
The display shows the direction of your driving and the distance, working with the infotainment system.

NOTE:
- *A slight time lag may occur between the intersection guidance on the information display and the guidance from the infotainment system.*
- *Switch the intersection guidance to ON or OFF while the guidance from the infotainment system is displayed.*
  – *A time lag may occur between ON display and OFF display of the intersection guidance.*
  – *For the functions and operations of the infotainment system, refer to the supplementary manual, provided along with it.*
- *You can display or hide the intersection guidance by changing the setting (customization). For details, refer to “Setting Mode” in this section.*

*1: Android Auto™ may not be available in your country or region.
For details about Android Auto™, refer to http://support.google.com/androidauto
*2: Apple CarPlay may not be available in your country or region.
For details about Apple CarPlay, refer to https://www.apple.com/ios/carplay/

Fuel Consumption (if equipped) / Driving Range (if equipped) / Average Speed / Driving Time / Total Idling Stop Time and Total Idling Fuel Saved (if equipped) / Clock and Date / Motion / Torque and Power / Accelerator and Brake / Energy flow (if equipped)

When there are no warning or indicator messages on the display (D), you can select one of the following indications to appear on the display: instantaneous fuel consumption, average fuel consumption, driving range, average speed, driving time, total idling stop time and total idling fuel saved, clock and date, motion, torque and power, accelerator and brake, energy flow or no indication.



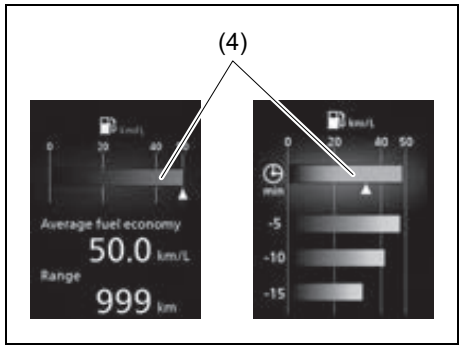
76TS40600

(a) Instantaneous fuel consumption / Average fuel consumption / Driving range (if equipped)
(b) Instantaneous fuel consumption / Average fuel consumption / 5-minute average fuel consumption (if equipped)
(c) Average speed / 5-minute average speed / Driving time
(d) Total idling stop time / Total idling fuel saved (if equipped)
(e) Clock and date
(f) Motion
(g) Torque and power (if equipped)
(h) Accelerator and brake
(i) Energy flow (if equipped)
(j) No indication

To switch the display indication, push the indicator selector knob (3) quickly.

NOTE:
The value of instantaneous fuel consumption, average fuel consumption, driving range, average speed, total idling fuel saved, motion, torque and power, accelerator and brake and energy flow shown on the display are affected by the following conditions;
- *road condition*
- *surrounding traffic condition*
- *driving condition*
- *vehicle condition*
- *a malfunction which causes the malfunction indicator light to come on or blink*

Instantaneous fuel consumption
The display shows instantaneous fuel consumption with a bar graph only when the vehicle is moving.



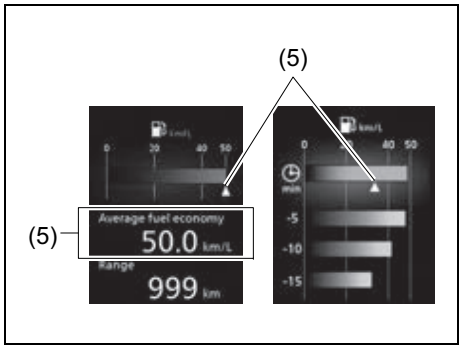
52RM21070

(4) Instantaneous fuel consumption

NOTE:
- *The display does not show the bar graph unless the vehicle is moving.*
- *Depending on the vehicle's specification, the fuel consumption units of initial setting are indicated as L/100km, km/L, MPG (UK).*
- *The indicated maximum value of instantaneous fuel consumption is one of the followings. No more than the maximum value will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
  – *For L/100km setting: 30*
  – *For km/L setting: 50*
  – *For MPG (UK) setting: 80*
- *The indication on the display may be delayed if fuel consumption is greatly affected by driving conditions.*
- *The display shows estimated values. Indications may not be the same as actual values.*

Average fuel consumption / 5-minute average fuel consumption / 1-driving cycle average fuel consumption
Average fuel consumption from previous reset and 5-minute average fuel consumption, and 1-driving cycle average fuel consumption are shown.

(Average fuel consumption)



52RM21080

(5) Average fuel consumption

If you selected average fuel consumption the last time you drove the vehicle, the display shows the last value of average fuel consumption from previous driving when the ignition switch is pushed to “ON” mode. Unless you reset the value of average fuel consumption, the display indicates the value of average fuel consumption based on the average fuel consumption during previous driving.

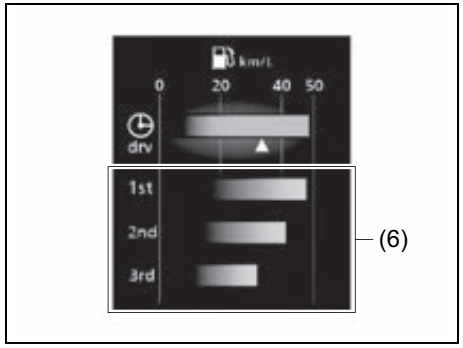
NOTE:
When you reconnect the negative (–) terminal to the lead-acid battery, the value of average fuel consumption will be shown after driving for a period of time.

You can select the timing to reset the value of average fuel consumption by one of the following three methods;
- Reset after refuel: the value of average fuel consumption will be reset automatically by refueling.
- Reset with trip meter A: the value of average fuel consumption will be reset automatically by resetting trip meter A.
- Reset manually: the value of average fuel consumption will be reset by pushing and holding the indicator selector knob (3) when the display indicates the average fuel consumption.

To change the timing to reset the value of average fuel consumption, refer to “Setting mode” in this section.

NOTE:
If you add only a small amount of fuel when you select “Reset after refuel”, the average fuel consumption value may not be reset.

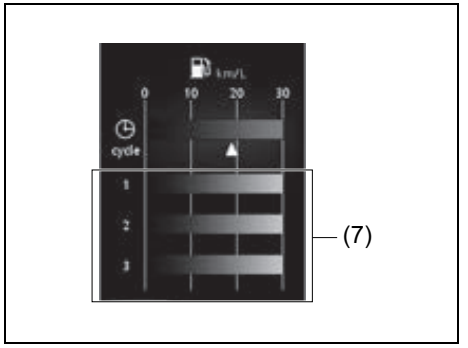
(5-minute average fuel consumption)



72R0136

(6) 5-minute average fuel consumption

(1-driving cycle average fuel consumption)

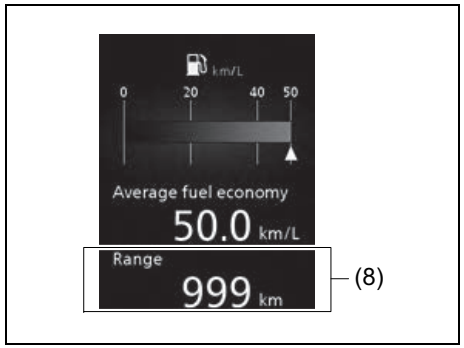


52R30840

(7) 1-driving cycle average fuel consumption

You can check transition of average fuel consumption every 5 minutes from 15 minutes before up to now. Also, you can check transition of average fuel consumption the past 3 driving cycles. Time indication and driving cycle indication can be changed. For details, refer to “Setting mode” in this section.

Driving range



52RM21090

(8) Driving range

If you selected driving range the last time you drove the vehicle, the display indicates "---" for a few seconds and then indicates the current driving range when the ignition switch is pushed to "ON" mode.

The driving range shown in the display is the approximate distance you can drive until the fuel gauge indicates "E", based on current driving conditions.

When the low fuel warning light comes on, the display "---" will appear. If the low fuel warning light comes on, fill the fuel tank immediately regardless of the value of driving range shown in the display.

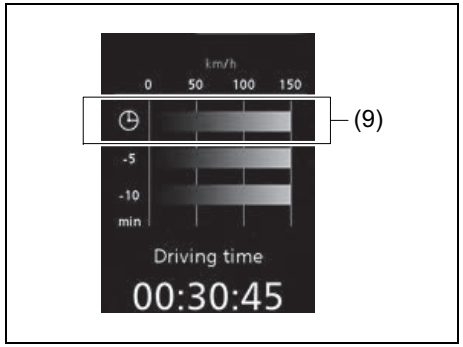
When you refuel, the driving range is updated. However, if you only add a small amount of fuel, the correct value will not be displayed.

NOTE:
- *If you refuel when the ignition mode is "ON", the driving range may not indicate the correct value.*
- *When you reconnect the negative (–) terminal to the lead-acid battery, the value of driving range will be shown after driving for a period of time.*

Average speed / 5-minute average speed

Average speed from previous reset and 5-minute average speed are shown.

(Average speed)



52RM21100

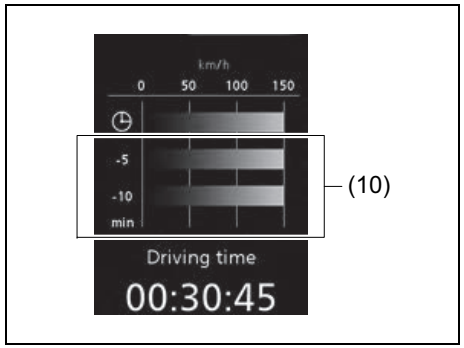
(9) Average speed

If you selected average speed the last time you drove the vehicle, the display indicates the last value of average speed from previous driving when the ignition switch is pushed to "ON" mode. Unless you reset the value of average speed, the display indicates the value of average speed which includes average speed during previous driving.

To reset the value of average speed, push and hold the indicator selector knob (3) for about 2 seconds when the display indicates an average speed. The display shows "---" and then indicates a new average speed after driving for a short time.

NOTE:
When you reconnect the negative (–) terminal to the lead-acid battery, the value of average speed will be shown after driving for a period of time.

(5-minute average speed)

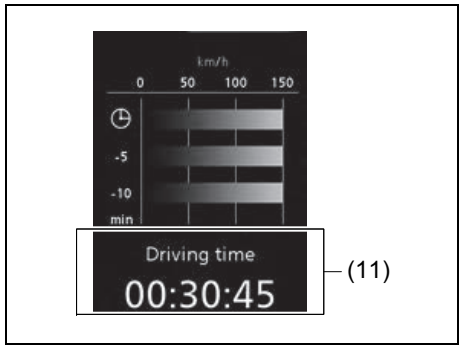


52RM21110

(10) 5-minute average speed

You can check transition of 5-minute average speed every 5 minutes from 10 minutes before up to now.

Driving time



52RM21120

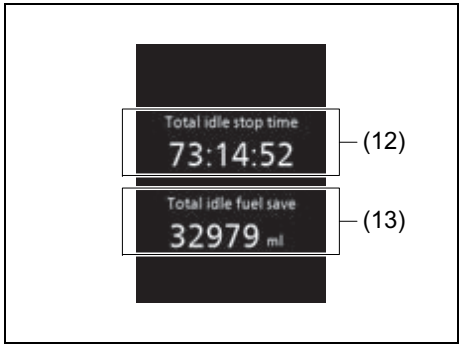
(11) Driving time

Driving time from previous reset is shown. To reset the driving time, push and hold the indicator selector knob (3) for about 2 seconds when the display indicates a driving time. The display shows "---" and then indicates a new driving time after driving for a short time.

NOTE:

- *Disconnection of the lead-acid battery negative (-) terminal will reset the indication of the driving time.*
- *The indicated maximum value of driving time is 99:59:59. No more than this value will be indicated on the display until you reset the driving time.*

Total idling stop time and total idling fuel saved (if equipped)



52RM217

(12) Total idling stop time
(13) Total idling fuel saved

The display shows the total length (in hours, minutes and seconds) of engine stopping time and the total amount (in milliliters) of fuel conservation by ENG ASTOP system since the indication was reset.

- To reset the total idling stop time and the total idling fuel saved, push and hold the indicator selector knob (3) for a while when the display shows the total idling stop time and the total idling fuel saved.

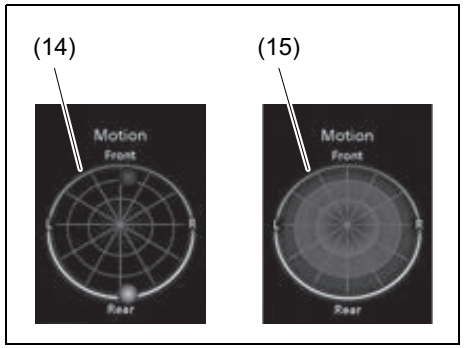
NOTE:

- *The indicated maximum value of the total idling stop time is 99:59:59 and this value is fixed until it is reset.*
- *When you reconnect the negative (–) terminal to the lead-acid battery, the*

value of the total idling stop time and the total idling fuel saved will be reset.

Clock and date
Date and time are shown. For the setting procedure, refer to “Setting mode” in this section.

Motion



52RM218

The meter indication is different depending on whether the vehicle is stopped or running.

When driving, real time movement of imaginal G position (center of gravity) is displayed on the globe (14), which is resultant with inertia force.

When stopped, historical data of imaginal G positions applied to the vehicle body during the driving is shown as a graph (15).

G position history graph when the vehicle stopped can be changed to indicate or hide. For details, refer to “Setting mode” in this section.

⚠ WARNING

Do not look in the display intensively while driving. Doing so may result in an accident.

NOTE:
- *If G position history graph at the vehicle stopped has been set in indication mode, the graph (15) is shown for several seconds when you change the ignition mode to “LOCK” (OFF) after driving.*
- *The graph is shown approximately and the actual movement may differ.*

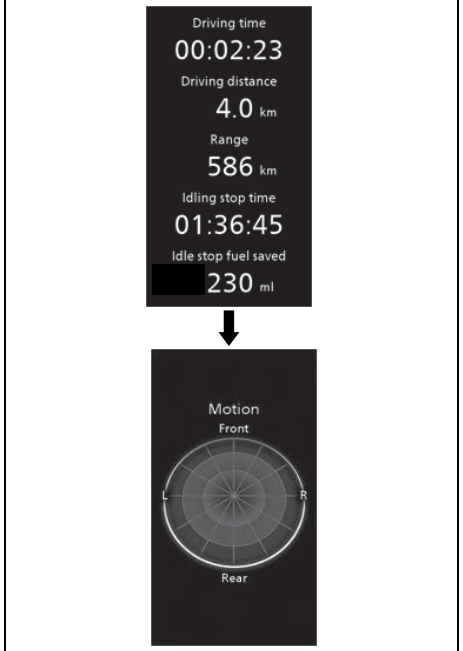
Torque and power
Present engine torque and power are shown.

Accelerator and brake
Present accelerator pedal depressing degree and brake line pressure are shown. The display is selectable to indicate or not to indicate. For details, refer to “Setting mode” in this section.

Energy flow (if equipped)
The state of NEO DRIVE operation can be checked on the information display. For details, refer to “NEO DRIVE (if equipped)” in “OPERATING YOUR VEHICLE” section.

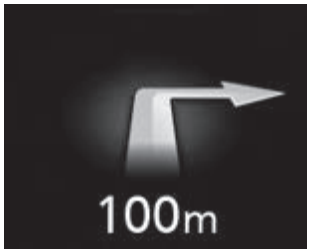
Information display	Description
 76TS20470	When the vehicle is running, ISG (Integrated Starter Generator) assists engine power as an electric motor.
 76TS20480	When the vehicle is powered by the engine.
 76TS20490	When decelerating your vehicle, the ISG generates electricity without engine power.
 76TS20500	When the engine automatically stops by the ENG A-STOP system.

Information shown after driving
When you press the ignition switch to change the ignition mode to “LOCK” (OFF), the following information appears for several seconds on the information display.



52RM21140

Intersection Guidance (When using Android Auto™*1 or Apple CarPlay*2 on infotaiment system)



59RN04710

The display shows the direction of your driving and the distance, working with the infotainment system.

NOTE:

- *A slight time lag may occur between the intersection guidance on the information display and the guidance from the infotainment system.*
- *Switch the intersection guidance to ON or OFF while the guidance from the infotainment system is displayed.*
  - *A time lag may occur between ON display and OFF display of the intersection guidance.*
  - *For the functions and operations of the infotainment system, refer to the supplementary manual, provided along with it.*
- *You can display or hide the intersection guidance by changing the setting (customization). For details, refer to "Setting Mode" in this section.*

*: Android Auto™ may not be available in your country or region.
For details about Android Auto™, Refer to the Google support site:
http://support.google.com/androidauto

*2: Apple CarPlay may not be available in your country or region.
For details about Apple CarPlay, refer to https://www.apple.com/ios/carplay/

Gear Position (if equipped)



76TS40670

Gear position

When the ignition switch is pressed to change the ignition mode to ON, the display (D) indicates the gear position (16).
For details on how to use the transmission, refer to "Using Transmission" in "OPERATING YOUR VEHICLE" section.

NOTE:
When the engine switch is pressed to change the ignition mode to ON, or the selector position is changed, the display may not indicate current selector position immediately, but it is not a malfunction.

Trip Meter

The display (F) shows the trip meter.

The trip meter can be used to measure the distance traveled on short trips or between fuel stops.
You can use trip meter A or trip meter B independently.

To reset the trip meter, push and hold the trip meter selector knob (2) for few seconds when the display shows the trip meter.

Odometer

The display (F) shows the odometer.

The odometer records the total distance the vehicle has been driven.

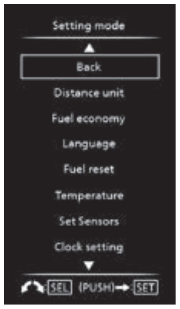
NOTICE

Keep track of your odometer reading and check the maintenance schedule regularly for required services. Increased wear or damage to certain parts can result from failure to perform required services at the proper mileage intervals.

Setting Mode

When the ignition switch is in “ON” position or the ignition mode is ON and the vehicle is stationary, you can enter into the setting mode of the information display by pushing and holding the indicator selector knob (3) for few seconds.

- To select the setting item that you want to change, turn the indicator selector knob (3) left or right.
- To change the setting, push the indicator selector knob (3).
- To exit the setting mode, select “Back” and push the indicator selector knob (3).



53SB2023

NOTE:
The currently selected setting item is surrounded by a frame.

- *If you push and hold the indicator selector knob (3) to enter into the setting mode when the display (D) shows average fuel consumption, average speed, driving time, the value will be reset simultaneously. If you do not want to reset the value, push the indicator selector knob quickly to switch the indication of the display.*
- *If you turn the ignition switch, press the ignition switch or start to move the vehicle when the display is in the setting mode, the setting mode will be cancelled automatically.*

Distance unit
(Odometer / trip meter / driving range / average speed distance unit setting)
You can change the units in which odometer / trip meter / driving range / average speed distance is displayed.

Fuel economy
(Fuel consumption unit setting)
You can change the units that fuel consumption is displayed in.

Language
You can change the language of the information display.

Fuel reset
(Average fuel consumption reset setting)
You can change when the value of average fuel consumption is reset.

Temperature
(Temperature unit setting)
You can change the units that temperature is displayed in.
- To change the temperature unit, select “Temperature” in “Setting mode”. Then, select “°C” or “°F”.

NOTE:
When you change the units that temperature is displayed in, the automatic heating and air conditioning system (if equipped) temperature display units will be changed automatically.

Set sensors
(Parking sensor setting) (if equipped)
The parking sensor can be switched between the normal mode and trailer mode.

Clock setting (if equipped)
(Adjusting the clock)
- Adjust the clock by selecting “Clock setting” in “Setting mode”. Then, select “Adjust clock”.
- To change the hour indication, turn the indicator selector knob (3) left or right repeatedly when the hour indication blinks. To change the hour indication quickly, turn and hold the indicator selector knob (3). To set the hour indication, push the indicator selector knob (3) and the minute indication blinks.
- To change the minute indication, turn the indicator selector knob (3) left or right repeatedly when the minute indication blinks. To change the minute indication quickly, turn and hold the indicator selector knob (3). To set the minute indication, push the indicator selector knob (3).

(Selecting 12H / 24H format)
(if equipped)
- Switch the time indication between 12-hour and 24-hour format by selecting “Clock setting” in “Setting mode”. Then, select “12H” or “24H”.

(Adjusting the date) (if equipped)
- Adjust the date by selecting “Clock setting” in “Setting mode”. Then select “Adjust date”.
- To adjust year, month and day, operate the indicator selector knob (3) in the same way as adjusting the clock.

Door lock (Door lock setting)
(Door unlock)
- All Doors:
  Unlock all doors by keyless push start system remote controller or request switch once
- Driver Door:
  Unlock all doors by keyless push start system remote controller or request switch twice (default setting)

(Auto lock)
- Manual Lock:
  Disable the automatic door locking function
- Speed Sync:
  Lock all doors when the vehicle speed reaches 15 km/h (10 mph) (default setting)
- Gear shift sync: (if equipped)
  Lock all doors when the gearshift lever is in other than “P” position.

(Auto unlock)
- Sync Off:
  Disable the automatic door unlocking function (default setting)
- IGN-OFF Sync:
  Unlock all doors when the ignition switch is pressed to change the ignition mode to LOCK (OFF)
- Gear shift sync:
  (for automatic transmission vehicle)
  Unlock all doors when the gearshift lever is moved from other position to “P” position.

(Alarm)
You can turn off or on the siren sound when the door(s) is(are) locked or unlocked.

Lights
(Ambient light setting) (if equipped)
You can change the on/off of the ambient light.

(Ambient light level) (if equipped)
You can change the lighting level of the ambient light brightness.

(Lane change setting)
The turn signal and its indicator can be set whether they flash three times even if you return the turn signal control lever shortly after operating it.
- To change the lane change setting, select “Lane Change” in “Setting mode”. Then, select “ON” or “OFF”
- If you want to change the number of flashing, consult Your Toyota Dealer.

Guide me light setting (if equipped)
You can change the lighting time of “To car” function or “To home” function.

TPMS
(Tyre pressure monitoring system setting)
You can check the current tyre pressure on the information display.

Refer to “Tyre pressure monitoring system (TPMS) (if equipped)” in “OPERATING YOUR VEHICLE” section for details.

Antitheft (if equipped)
(Shock sensor system setting)
You can change the on/off of the shock sensor.

(Shock sensor P setting)
You can adjust the pre-warning sensitivity of shock sensor.

(Shock sensor F setting)
You can adjust the full blast warning sensitivity of shock sensor.

IS A/C
(ENG A-STOP system setting)
(if equipped)
- When using the automatic heating and air conditioning system (if equipped), you can select one of the following engine auto stop settings.
  – Standard
  – Economy
  – Comfort
- When “Economy” is selected, engine auto stop condition is eased, compared with “Standard”. As engine auto stop condition will occur more frequently, the stop time will be longer, leading to reduction of fuel consumption.
- When “Comfort” is selected, engine auto stop condition becomes severe, compared with “Standard”. As engine auto stop condition will occur less frequently, the stop time will be shorter, leading to more comfortable cabin condition by air conditioner.

Display item
(“Car color” setting)
You can change the car color of the information display.
(“Calendar dis” setting)
You can select whether you show the calender on the information display or not.

(“Calendar form” setting)
You can change the calendar form of the information display.
To change the calendar form, select “Calendar form” in “Display item”. Then, select the display order of date, month and year.

(“Fuel eco hist” setting)
Transitional indication of average fuel consumption can be switched to time indication and driving cycle indication.

(“Motion hist” setting)
Indication of G position history graph at the vehicle stopped can be selected to enable or disable.

(“Idling disp” setting) (if equipped)
Display of ENG A-STOP operation with ignition mode LOCK (OFF) is selectable to indicate or not to indicate.

(“Idling warn” setting) (if equipped)
You can switch whether the information display shows the warning and indicator messages related on the ENG A-STOP system.

(“Regen disp” setting) (if equipped)
You can choose that deceleration energy regenerating indicator light comes on or does not come on.

(“Hill descent” setting) (if equipped)
Display of “Hill descent” is selectable to indicate or not to indicate.

(“Driving mode” setting) (if equipped)
Display of “Driving mode” is selectable to indicate or not to indicate.

(“Parking sensors” setting) (if equipped)
Display of “Parking sensors” is selectable to indicate or not to indicate.

(“Intersection” setting) (if equipped)
Display of “Intersection” is selectable to indicate or not to indicate.

“Animation (warning)” setting
Display of “Animation (warning)” is selectable to indicate or not to indicate.

Head-up Display setting (if equipped)
(Vehicle speed)
You can change ON/OFF of the vehicle speed.

(Gear position) (if equipped)
You can change ON/OFF of the gear position.

(Clock)
You can change ON/OFF of the clock.

(Intersection guidance (if equipped)
(working with the infotainment system))
You can change ON/OFF of the intersection guidance.

(Air conditioning system)
You can change ON/OFF display of the air conditioning system.

(High temperature warning message)
You can change ON/OFF of the high temperature warning message.

Default
(Initialization setting)
If you select “YES” and push the indicator selector knob (3), all settings will be reinitialized.

Warning and Indicator Messages

The display shows warning and indicator messages to let you know about certain vehicle problems.
In some cases, the external or internal buzzer may also sound at the same time to alert you.

If warning and indicator messages appear on the display, follow the messages.

Master warning indicator light



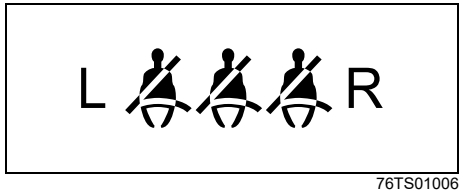
68PM00278

When the display shows warning and indicator messages, the master warning indicator light may also blink.

NOTE:
- *When the problem that causes a message to appear is corrected, the message will disappear.*
- *If a message is displayed, and other problems requiring a message occur, the message for each of the problems will be alternately displayed about every 5 seconds.*

- *When you push and hold the indicator selector knob (3) for about 2 seconds while a message is displayed, the message will disappear temporarily. If the problem that caused the message is not corrected, the message will appear again after 5 seconds.*

Rear Passenger's Seat Belt Reminder Light



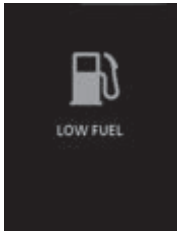
76TS01006

Reminder light for rear passengers to fasten their seat belts. For details of the seat belt reminder, refer to "Seat Belt Reminder" in "FOR SAFE DRIVING" section.

Warning and indicator messages

All models

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40430	Blinks (only while vehicle is in motion) 	Beep (one time from interior buzzer; only while vehicle is in motion)	A door, tailgate or engine hood is not properly closed. Stop the vehicle in a safe place and close the door, tailgate or engine hood properly.
 52RS005	Blinks 	Continuous beep (from interior buzzer)	The parking brake is not released. Stop the vehicle in a safe place and release the parking brake.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21170	Blinks 	Continuous beep (from interior buzzer)	The headlights and/or the position lights are left on. Turn them off.
 52RM21180	Off	Beep (one time from interior buzzer)	Fuel level is low. Refill it as soon as possible. (#1)

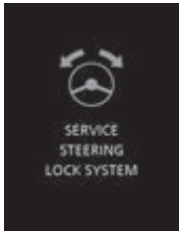
(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 55T050831C	Off	Beep (one time from interior buzzer)	CNG level is low. Refill CNG Tank as soon as possible. (#1)
 52RM21190	Off	Off	The road may be icy. Drive very carefully. (#1)

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21210	Off	Off	This message is displayed when ACC position is selected as the ignition mode. (#1)
 52RM21220	Off	Off	The brake pedal (for automatic transmission models) or the clutch pedal (for manual transmission models) is depressed. Press the ignition switch to start the engine.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21230	Blinks 	Beep (one time from interior buzzer)	There is a problem with the steering lock system. Have your vehicle inspected by Your Toyota Dealer.
 52RM21240	Blinks 	Beep (one time from interior buzzer)	There is a problem with the immobilizer/ keyless push start system. Also, the vehicle battery voltage may be decreased. When the message is displayed even if you start the engine with normal voltage of the vehicle battery, have your vehicle inspected by Your Toyota Dealer.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 55T040090  55T040100	Blinks 	Series of beeps under certain conditions (for about 2 seconds from exterior and/or interior buzzers)	The remote controller may be outside the vehicle or its battery may be discharged. Bring the remote controller in the vehicle or touch the engine push start switch with the remote controller. If the message still appears, replace the remote controller battery.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21270	Off	Off	This message is displayed when “ON” position is selected as the ignition mode. (#1)
 55T040020	Blinks 	Beep (one time from interior buzzer)	The steering lock is not disengaged. While lightly turning the steering wheel in both directions, press the ignition switch again.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 55T040110	Off	Off	The remote controller battery is about to become flat. Replace the battery. (#1)

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

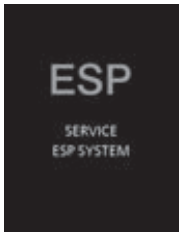
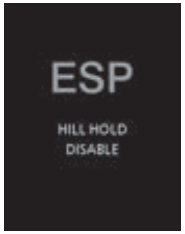
Manual transmission models

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21300	Off	Off	The ignition switch is pressed without depressing the brake and clutch pedals. Try again as instructed by the message.

Automatic transmission models

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21310	Off	Off	• The ignition switch is pressed with the gearshift lever in a position other than “P” or “N” or without depressing the brake pedal. Try again as instructed by the message. • Even though the gearshift lever is shifted, the gear is not shifted to the desired selector position. Shift the gearshift lever into “P” with depressing the brake pedal, and then operate the gearshift lever again.
 52RM21320	Off	Off	The ignition switch is pressed with the gearshift lever in a position other than “P”. Try again as instructed by the message.

Vehicle with ESP® system

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21340	Blinks 	Beep (one time from interior buzzer)	There may be a problem with ESP® system. Have your vehicle inspected by Your Toyota Dealer.
Hill hold control system  52RM21350	Blinks 	Beep (one time from interior buzzer)	There may be a problem with hill hold control system. Have your vehicle inspected by Your Toyota Dealer.

Vehicles with electric parking brake system

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
RELEASE PARKING BRAKE	Blinks 	Continuous short beeps	The electric parking brake has not been released. Stop the vehicle in a safe place and release the electric parking brake.
VEHICLE MIGHT ROLL AVOID STEEP SLOPE	Blinks 	Continuous beeps	Since the vehicle may move, promptly depress the brake pedal, and park the vehicle in a place that is not on a steep slope.
FREQUENT OPERATION TEMPORARILY DISABLED	Blinks 	Continuous short beeps	The electric parking brake switch has been operated repeatedly in a short period and cannot operate temporarily. Wait for a while before attempting the operation again.
PARKING BRAKE INSPECTION REQUIRED	Blinks 	1 beep	The electric parking brake malfunction is detected. Consult Your Toyota Dealer for advice.
PARKING BRAKE UNAVAILABLE	Blinks 	Continuous beeps	The electric parking brake malfunction is detected. Consult Your Toyota Dealer for advice.
PARKING BRAKE AUTO ACTIVATED	Off	1 beep	The electric parking brake is automatically operated in response to the request from another function (system).

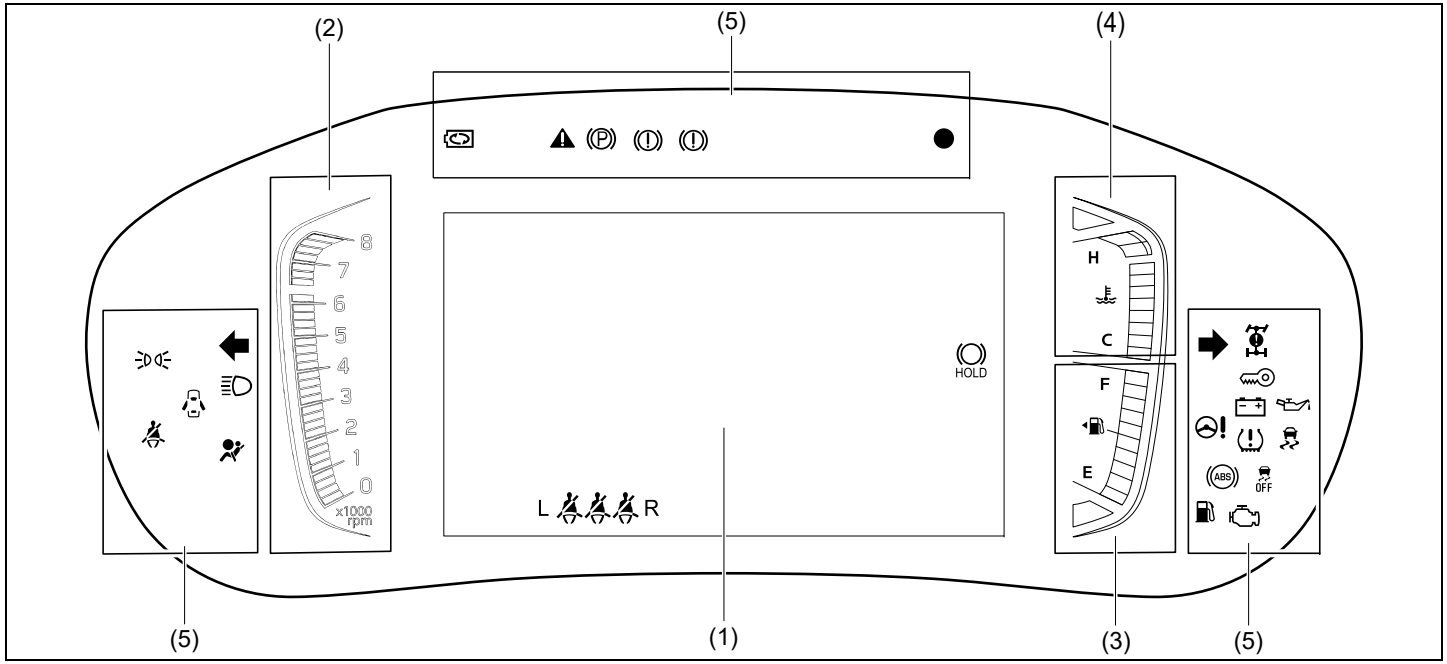
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
PARKING BRAKE SHIFT SYNCHRO FCN ACTIVATED	Off	1 beep	The electric parking brake system auto mode is ON.
PARKING BRAKE SHIFT SYNCHRO FCN DEACTIVATED	Off	1 beep	The electric parking brake system auto mode is OFF.
PUSH SWITCH WHILE PRESSING BRAKE PEDAL	Off	Continuous short beeps	The electric parking brake switch is operated when the brake pedal is not depressed. Operate the electric parking brake switch while depressing the brake pedal.
PARKING BRAKE ON (SEATBELT/ DOOR)	Off	Continuous short beeps	The electric parking brake cannot be automatically released due to the driver's seat belt not being fastened or the driver's door not being closed securely. Make sure you are wearing the seat belt and driver's door is closed, then try again.
BRAKE HOLD INSPECTION REQUIRED	Blinks 	1 beep	The brake hold malfunction is detected. Consult Your Toyota Dealer for advice.
BRAKE HOLD UNAVAILABLE STEEP SLOPE KEEP BRAKING	Blinks 	Continuous beeps	The brake hold function may not be set due to the vehicle being parked on a steep slope or similar conditions. Avoid parking on a steep slope or take other necessary precautions, then apply the brake hold again.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
BRAKE HOLD UNAVAILABLE (SEATBELT/ DOOR)	Off	Continuous short beeps	The brake hold system cannot be set automatically due to the driver's seat belt not being fastened or the driver's door not being closed securely. Make sure you are wearing the seat belt and driver's door is closed, then try again.
PUSH SWITCH WHILE PRESSING BRAKE_PEDAL	Off	Continuous short beeps	The brake hold switch is operated when the brake pedal is not depressed. Operate the electric parking brake switch while depressing the brake pedal.

Instrument Cluster (Type B)

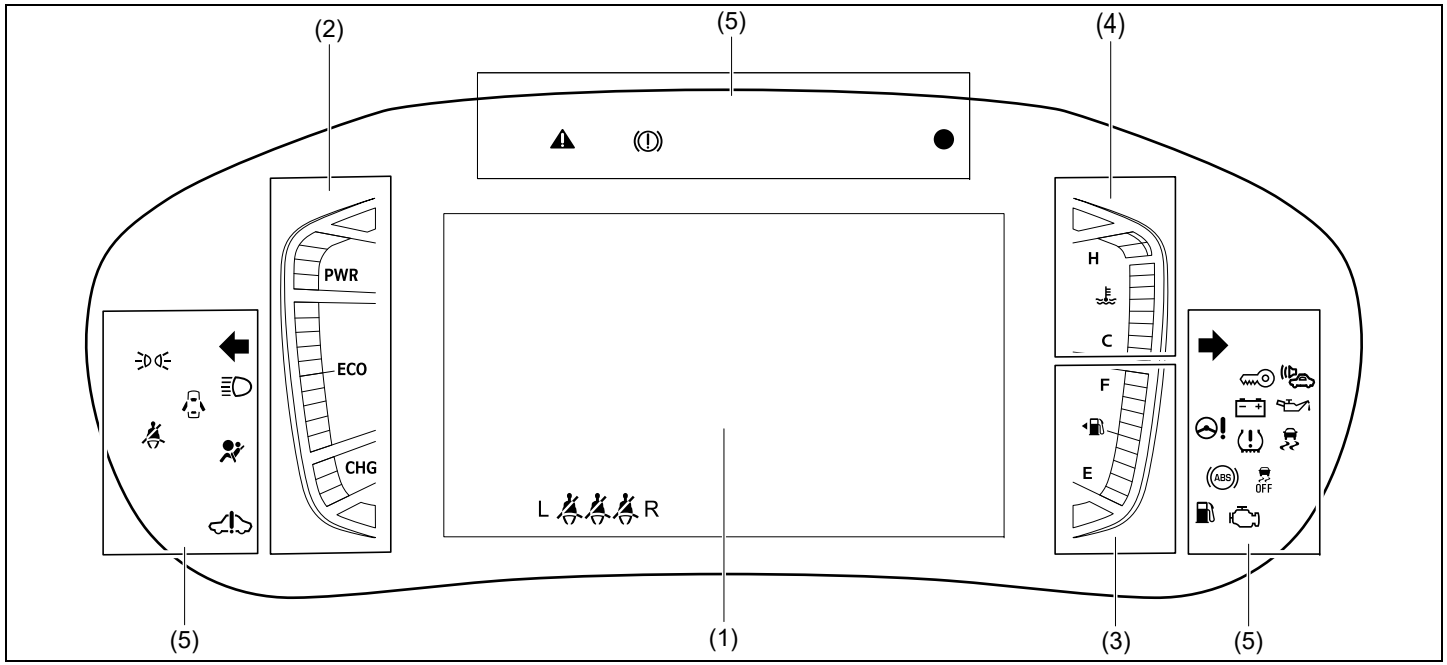
1. Speedometer / Information display
2. Power meter
3. Fuel gauge
4. Temperature gauge
5. Warning and indicator lights

K15C engine model



76TS14002

M15D engine model



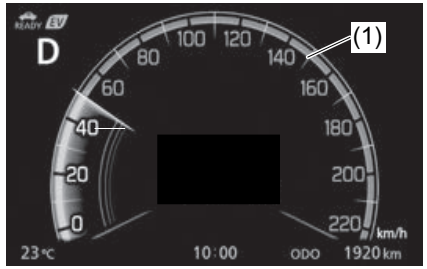
76TS04002

Speedometer

The speedometer indicates vehicle speed. You can change the digital or analog type of the speedometer on the information display.

Refer to “Setting Mode” in this section for details.

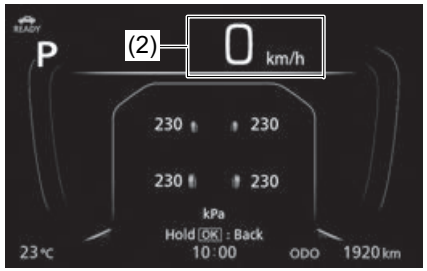
Analog type



76TS40640

(1) Analog speedometer display

Digital type



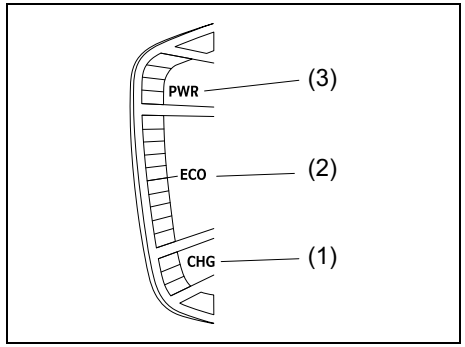
76TS40650

(2) Digital speedometer display

Speed Alert System

The speed alert system gives audible warning for alert of over-speed to driver. When vehicle speed exceeds about 80 km/h (50 mph), primary level warning with two beeps will sound every minute. When the vehicle speed exceeds about 120 km/h (75 mph), secondary level warning with continuous beeps will sound.
If the vehicle speed is slowed down to about 118 km/h (74 mph), primary warning will resume. If the vehicle is slowed down to about 78 km/h (49 mph), speed alert warning will stop. This buzzer does not indicate any malfunction in vehicle.

Power meter (if equipped)



76TS40110

This power meter shows the following areas.

CHG (Charge) area (1)
This area shows regeneration* status. Regenerated energy will be used to charge the hybrid battery (traction battery).

ECO area (2)
This area shows that the vehicle is being driven in an Eco-friendly manner.

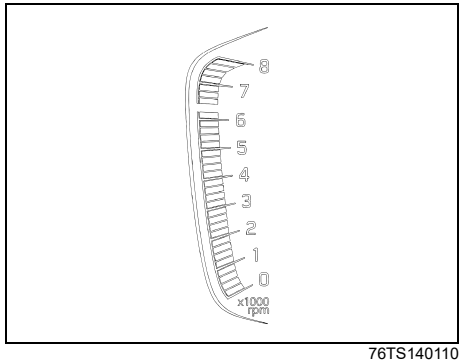
PWR (Power) area (3)
This area shows that an Eco-friendly driving range is being exceeded (during full power driving, etc.)

NOTE:
"Regeneration" refers to the conversion of energy created by the movement of the vehicle into electrical energy.

In the following situation, the power meter does not operate.
- Power meter is not illuminated.
- The shift position is in a range other than D, B or R position.

Tachometer (if equipped)

The tachometer indicates engine speed in revolutions per minute.

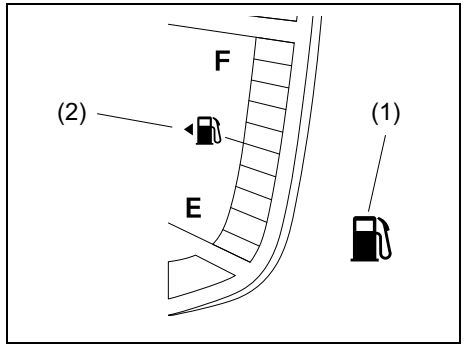


76TS140110

NOTICE

Never drive the vehicle with the engine revving in the red zone or severe engine damage can result.
Keep the engine speed below the red zone even when downshifting to a lower gear position.
Refer to "Downshifting maximum allowable speeds" in "OPERATING YOUR VEHICLE" section.

Fuel Gauge



76TS40070

When the power switch is pressed to change the ignition mode to ON, this gauge indicates a rough indication of the amount of fuel in the fuel tank. "F" stands for full and "E" stands for empty.

If the indicator approaches a low level (near "E") on fuel gauge, refill the tank as soon as possible.

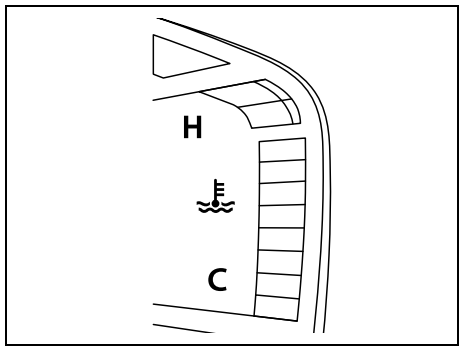
NOTE:
The indicator moves a little depending on road conditions (for example, slope or curve) and driving conditions because of fuel movement in the tank.

If the low fuel warning light (1) comes on, refill the fuel tank as soon as possible.

Refer to “Low fuel warning light” in “Warning and indicator lights” in this section for details.

The mark (2) indicates that the fuel filler door is located on the left side of the vehicle.

Temperature Gauge



76TS40081

When the power switch is pressed to change the ignition mode to ON, this gauge indicates the engine coolant temperature. Under normal driving conditions, the indicator should stay within the normal, acceptable temperature range between “H” and “C”. If the indicator approaches “H”, overheating is indicated. Follow the instructions for “Engine trouble: Overheating” in “EMERGENCY SERVICE” section.

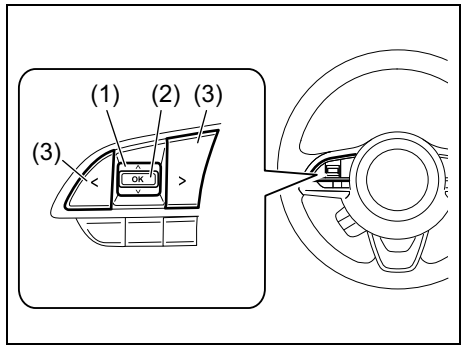
NOTICE

Continuing to drive the vehicle when engine overheating is indicated can result in severe engine damage.

Brightness Control



76TS40090



76TS40100

When the power switch is pressed to change the ignition mode to ON, the instrument panel lights come on. You can you

can adjust the meter illumination brightness even if the ignition mode is LOCK (OFF).

To increase or reduce the brightness of the instrument panel lights, follow the below instructions.

- Press “<” or “>” of left/right selector switch (3) to select “Setting mode”.
- Press selector up/down switch (1) “∧” up or down “∨” to select the brightness after changing the display. Then press the switch (2).
- Press selector up/down switch (1) “∧” up or down “∨” to adjust the brightness.
- Press “<” of left selector switch (3) after adjusting the brightness.

⚠ WARNING

Do not adjust the brightness of the instrument panel lights while driving. Otherwise, you could lose control of the vehicle.

NOTE:
When you reconnect the lead-acid battery, the brightness of the instrument panel lights will be reinitialized. Readjust the brightness according to your preference.

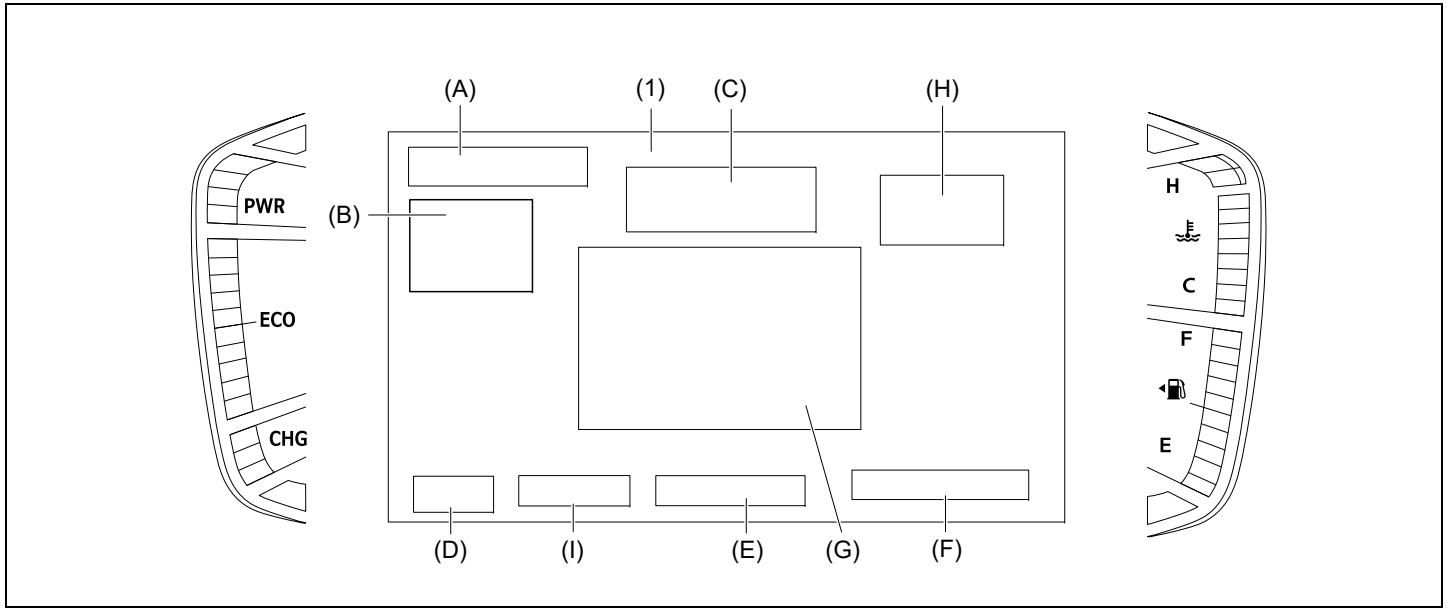
If you adjust to the maximum brightness level when the position lights or headlights are on, the following functions will be cancelled.

- *The function which automatically dims the brightness of instrument panel lights*
- *The function which operates with the brightness control, except maximum brightness level*

This software of this speedometer includes open software. The license information and source code for open source software is available through the following URL.
https://www.nippon-seiki.co.jp/business_ic_meter/

Information Display (Type B)

The information display is shown when the ignition mode is “ON”.



76TS40121

(1) Information display

The information display shows the following information.

Display (A)
Indicator lights

Display (B**)**
Shift position indicator
Four-mode 4WD System
(for 4WD models)

Display (C**)**
Speedometer

Display (D**)**
Thermometer

Display (E**)**
Clock and menu bar indicator

Display (F**)**
Odometer / Trip meter

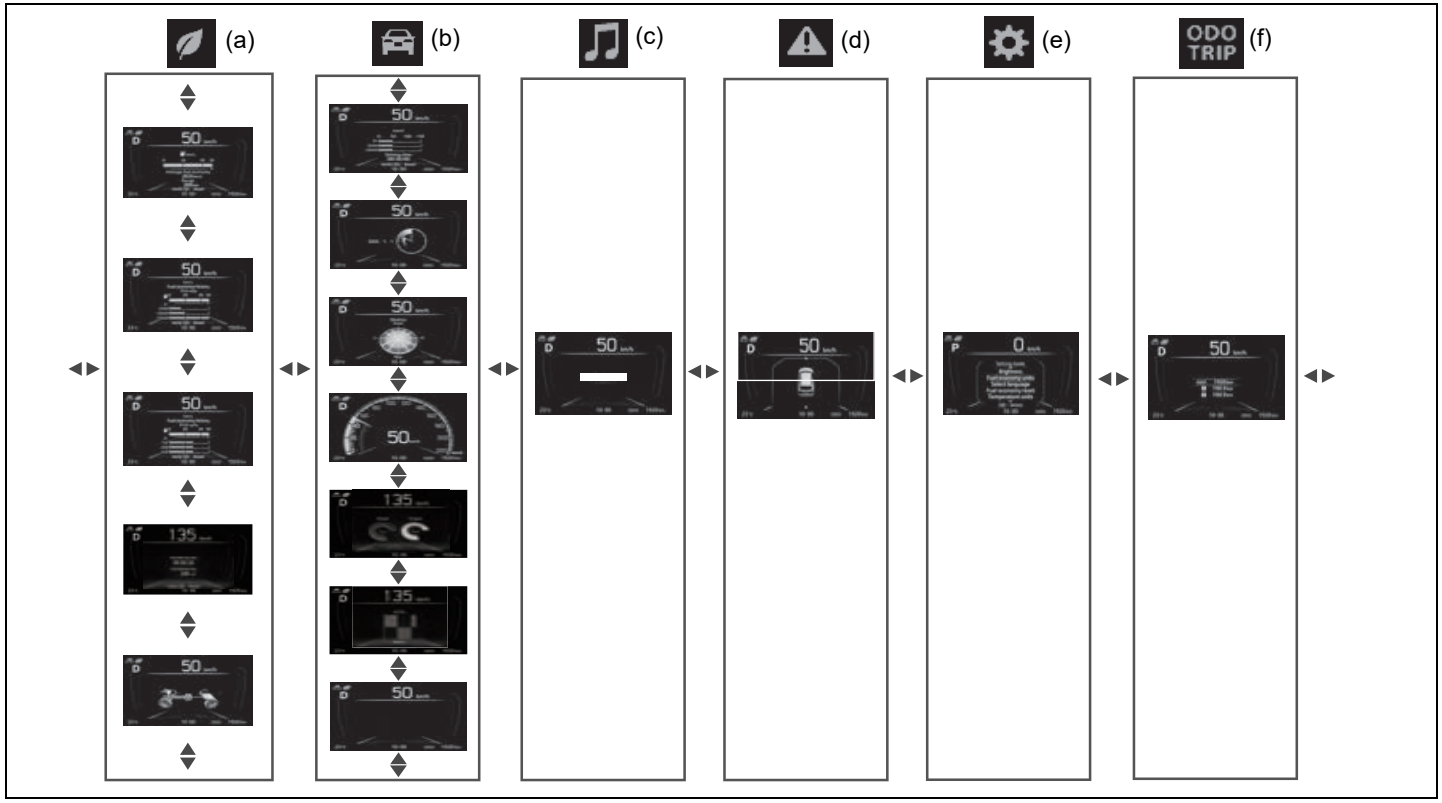
Display (G**)**
- Warning and indicator messages / Fuel consumption / Driving range / /Average Speed / Driving time / Clock and date / Motion / Energy flow / Digital speedometer (if equipped) / Multimedia (if equipped) / Warning information / Setting mode / Odometer & Trip meter
- Total idling stop time / Total idling fuel saved (if equipped)
- Torque and power (if equipped)
- Accelerator and brake (if equipped)

Display (H**)**
Cruise control (if equipped)

Display (I)
Rear passenger's seat belt reminder light

Display

The information display shows the following flows and images.



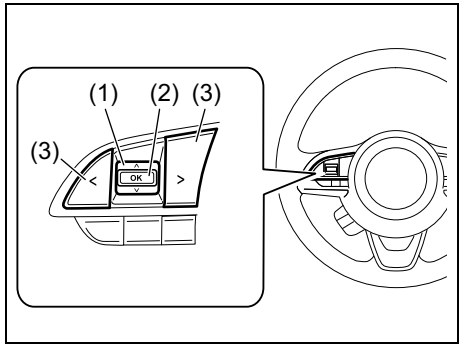
76TS40241

The following images of menu will be displayed on the Display (E). Select an icon by using left/right selector switch.

(a)		Driving information display
(b)		Vehicle information display
(c)		Multimedia display (if equipped)
(d)		Warning message display
(e)		Setting mode display
(f)		Odometer / Trip meter display

Changing the information display

The information display is shown and operated by using the steering switch for the information display.

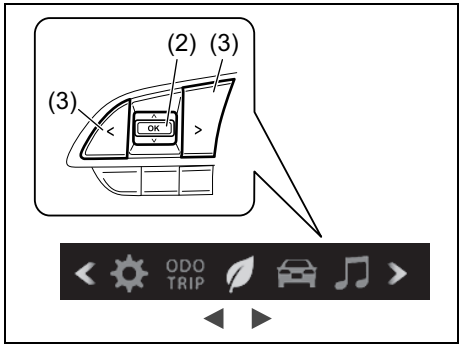


76TS40100

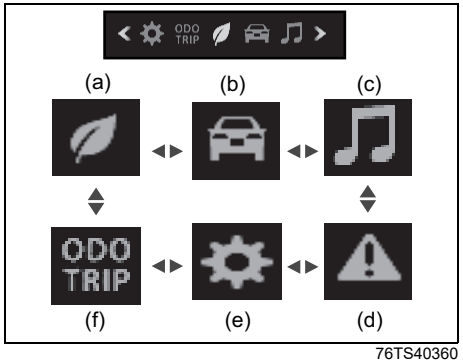
(1) Up/down selector switch
(2) OK switch
(3) Left/right selector switch

- To change the menu, press “<” or “>” of the switch (3) to scroll or move the screen.
- Press the up/down selector switch (1) “∧” up or down “∨” to select the screen.
- Press the left/right selector switch after selecting and changing the menu on the display.

The menu bar is shown on Display (E) area and operated by using the Left/right selector switch.

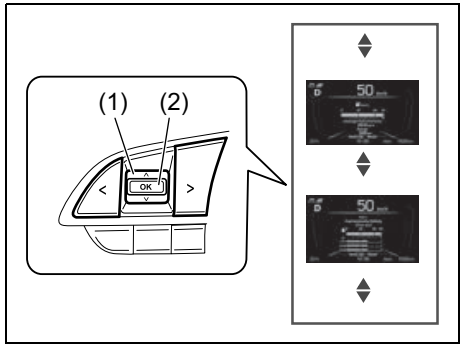


76TS40370



76TS40360

To change the menu bar, press “<” or “>” of the switch (3).



76TS40380

To change the screen on the menu bar, press the up/down selector switch (1) “∧” up or down “∨” to select the screen.

When there are no warning or indicator messages on the display (G), you can select one of the following indications to appear on the display: average speed/driving time, instantaneous fuel consumption/average fuel consumption/range, fuel economy history, motion, Energy flow, digital speedometer (if equipped), Multimedia (if equipped), and Odometer & Trip meter.

⚠ WARNING

If you attempt to adjust the display while driving, you could lose control of the vehicle. Do not attempt to adjust the display while driving.

NOTE:
The value of instantaneous fuel consumption, average fuel consumption, driving range, average speed, motion, torque and power, accelerator and brake shown on the display are affected by the following conditions;
- *road condition*
- *surrounding traffic condition*
- *driving condition*
- *vehicle condition*
- *a malfunction which causes the malfunction indicator light to come on or blink*

Average speed / 5-minute average speed / Driving time
Average speed from previous reset and 5-minute average speed are shown.

Average speed



76TS40180

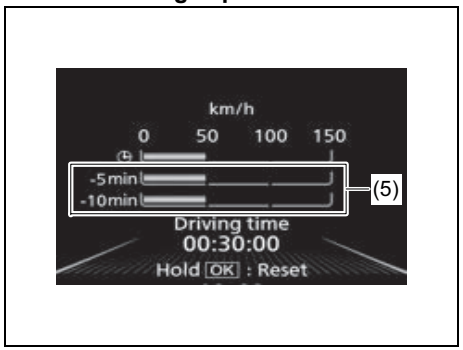
(4) Average speed

If you selected average speed the last time you drove the vehicle, the display indicates the last value of average speed from previous driving when the power switch is pressed to change the ignition mode to ON. Unless you reset the value of average speed, the display indicates the value of average speed which includes average speed during previous driving.

To reset the value of average speed, press OK switch (1) when the display indicates an average speed. The display resets and then indicates a new average speed after driving for a short time.

NOTE:
When you reconnect the negative (–) terminal to the lead-acid battery, the value of average speed will be shown after driving for a period of time.

5-minute average speed

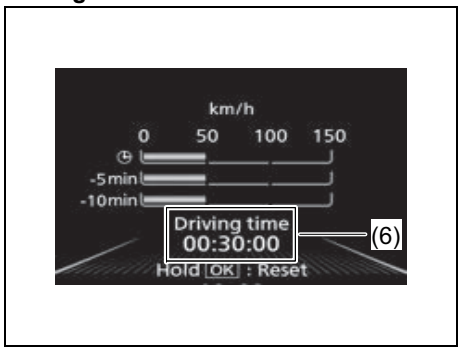


76TS40190

(5) 5-minute average speed

You can check transition of 5-minute average speed every 5 minutes from 10 minutes before up to now.

Driving time



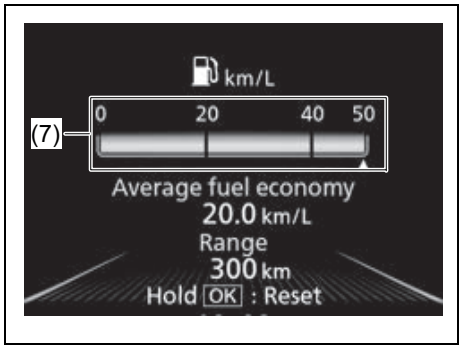
76TS40200

(6) Driving time

Driving time from previous reset is shown. To reset the driving time, change the display of a driving time when the display indicates a driving time. Press OK switch (2). The display resets and then indicates a new driving time after driving for a short time.

NOTE:
- *Disconnection of the lead-acid battery negative (-) terminal will reset the indication of the driving time.*
- *The indicated maximum value of driving time is 99:59:59. No more than this value will be indicated on the display until you reset the driving time.*

Instantaneous fuel consumption
The display shows instantaneous fuel consumption with a bar graph only when the vehicle is moving.



76TS40130

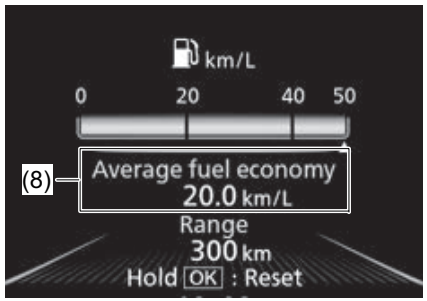
(7) Instantaneous fuel consumption

NOTE:
- *The display does not show the bar graph unless the vehicle is moving.*
- *Depending on the vehicle's specification, the fuel consumption units of initial setting are indicated as L/100km, km/L or MPG.*
- *For "L/100km" setting, the indicated maximum value of instantaneous fuel consumption is 30. No more than 30 will be indicated on the display even if the actual instantaneous fuel consumption is higher.*

- *For “km/L” setting, the indicated maximum value of instantaneous fuel consumption is 50. No more than 50 will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
- *For “MPG(UK)” setting, the indicated maximum value of instantaneous fuel consumption is 80. No more than 80 will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
- *The indication on the display may be delayed if fuel consumption is greatly affected by driving conditions.*
- *The display shows estimated values. Indications may not be the same as actual values.*

Average fuel consumption / 5-minute average fuel consumption / 1-driving cycle average fuel consumption
Average fuel consumption from previous reset and 5-minute average fuel consumption, and 1-driving cycle average fuel consumption are shown.

Average fuel consumption



**76TS40140

(8) Average fuel consumption

If you selected average fuel consumption the last time you drove the vehicle, the display shows the last value of average fuel consumption from previous driving when the power switch is pressed to change the ignition mode to ON. Unless you reset the value of average fuel consumption, the display indicates the value of average fuel consumption based on the average fuel consumption during previous driving.

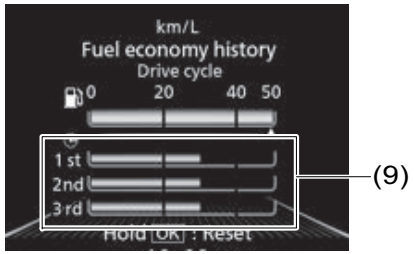
NOTE:
When you reconnect the negative (–) terminal to the lead-acid battery, the value of average fuel consumption will be shown after driving for a period of time.

You can select the timing to reset the value of average fuel consumption by one of the following three methods;
- Reset after refuel: the value of average fuel consumption will be reset automatically by refueling.
- Reset with trip meter A: the value of average fuel consumption will be reset automatically by resetting trip meter A.
- Reset manually: the value of average fuel consumption will be reset by pushing OK (2) switch when the display indicates the average fuel consumption.

To change the timing to reset the value of average fuel consumption, refer to “Setting mode” in this section.

NOTE:
If you add only a small amount of fuel when you select “Reset after refuel”, the average fuel consumption value may not be reset.

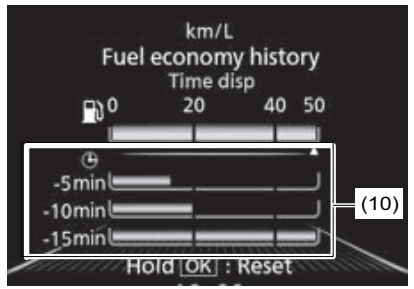
1-driving cycle fuel consumption



76TS40160

(9) 1-drive cycle fuel consumption

5-minute average fuel consumption

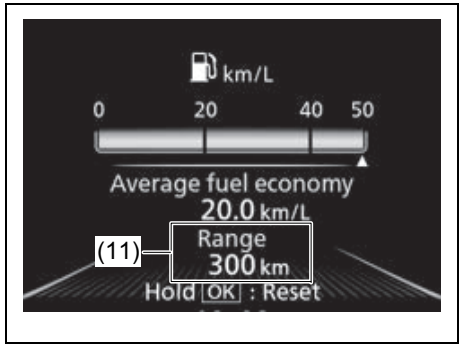


76TS40150

(10) 5-minute average fuel consumption

You can check transition of average fuel consumption every 5 minutes from 15 minutes before up to now. Also, you can check transition of average fuel consumption the past 3 driving cycles. Time indication and driving cycle indication can be changed. For details, refer to “Setting mode” in this section.

Driving range



76TS40610

(11) Driving range

If you selected driving range the last time you drove the vehicle, the display indicates “---” for a few seconds and then indicates the current driving range when the ignition switch is pushed to “ON” mode.

The driving range shown in the display is the approximate distance you can drive until the fuel gauge indicates “E”, based on current driving conditions.

When the low fuel warning light comes on, the display “---” will appear. If the low fuel warning light comes on, fill the fuel tank immediately regardless of the value of driving range shown in the display.

When you refuel, the driving range is updated. However, if you only add a small amount of fuel, the correct value will not be displayed.

NOTE:

- *If you refuel when the ignition mode is “ON”, the driving range may not indicate the correct value.*
- *When you reconnect the negative (–) terminal to the lead-acid battery, the value of driving range will be shown after driving for a period of time.*

Total idling stop time and total idling fuel saved (if equipped)



52RM1217

(12) Total idling stop time
(13) Total idling fuel saved

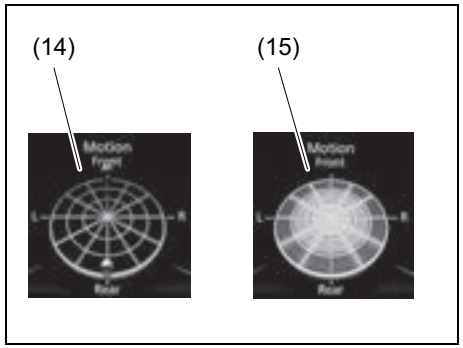
The display shows the total length (in hours, minutes and seconds) of engine stopping time and the total amount (in milliliters) of fuel conservation by ENG ASTOP system since the indication was reset.

- To reset the total idling stop time and the total idling fuel saved, push and hold the indicator selector knob (3) for a while when the display shows the total idling stop time and the total idling fuel saved.

NOTE:

- *The indicated maximum value of the total idling stop time is 99:59:59 and this value is fixed until it is reset.*
- *When you reconnect the negative (–) terminal to the lead-acid battery, the value of the total idling stop time and the total idling fuel saved will be reset.*

Motion



76TS40311

This indicates how the center of gravity is moved while driving.
G (acceleration of gravity) position applied to the vehicle body while driving is shown by a globe (14).
When the vehicle is stopped, historical data of G positions applied to the vehicle body during the driving is shown as a graph (15).

G position history graph at the vehicle stopped can be changed to indicate or hide. For details, refer to “Setting mode” in this section.

⚠ WARNING

Do not look in the display intensively while driving. Doing so may result in an unexpected accident.

NOTE:

- *If G position history graph at the vehicle stopped has been set in indication mode, the graph (15) is shown for several seconds when you change the ignition mode to “LOCK” (OFF) after driving.*
- *The graph is shown approximately and the actual movement may differ.*

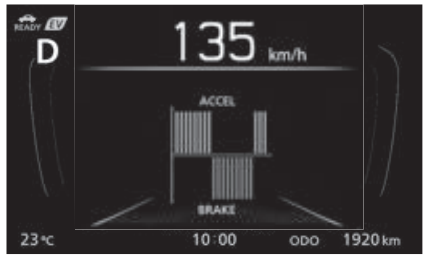
Torque and power



76TS99100

Present engine torque and power are shown.

Accelerator and brake



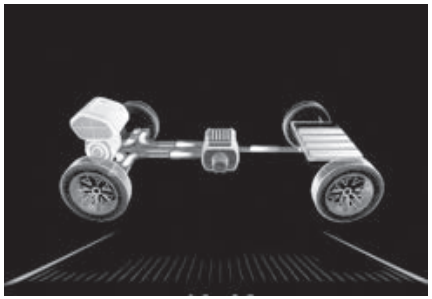
76TS99110

Present accelerator pedal depressing degree and brake line pressure are shown. The display is selectable to indicate or not to indicate. For details, refer to “Setting mode” in this section.

Energy flow indicator

With the energy flow indicator in the instrument cluster, you can check whether or not the energy flow is functioning.

For details on the status lamp, refer to “Hybrid System (if equipped)” and “NEO DRIVE (if equipped)” in the “OPERATING YOUR VEHICLE” section.



76TS40400

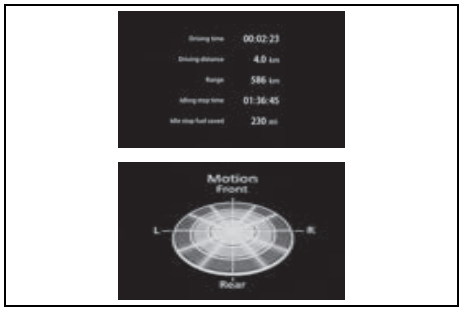
Warning message display

When there is any warning or information on your vehicle, the message shows on Display (G), if any.

Information shown after driving

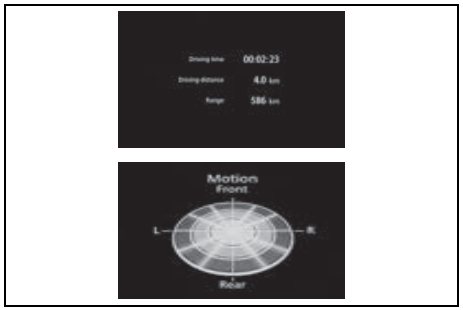
When you press the power switch to change the ignition mode to “LOCK” (OFF), the following information appears for several seconds on the information display.

(Vehicles with ENG A-STOP system)



76TS40211

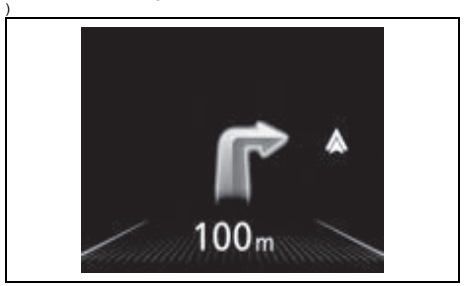
(Vehicles without ENG A-STOP system)



76TS40212

Intersection Guidance (When using Android Auto™*1 or Apple CarPlay*2 on infotaiment system

)



76TS40390

The display shows the direction of your driving and the distance, working with the infotainment system.

NOTE:

- *A slight time lag may occur between the intersection guidance on the information display and the guidance from the infotainment system.*
- *Switch the intersection guidance to ON or OFF while the guidance from the infotainment system is displayed.*
  - *A time lag may occur between ON display and OFF display of the intersection guidance.*
  - *For the functions and operations of the infotainment system, refer to the supplementary manual, provided along with it.*
- *You can display or hide the intersection guidance by changing the setting (customization). For details, refer to "Setting Mode" in this section.*

*1: Android Auto™ may not be available in your country or region.
For details about Android Auto™, refer to http://support.google.com/androidauto

*2: Apple CarPlay may not be available in your country or region.
For details about Apple CarPlay, refer to https://www.apple.com/ios/carplay/

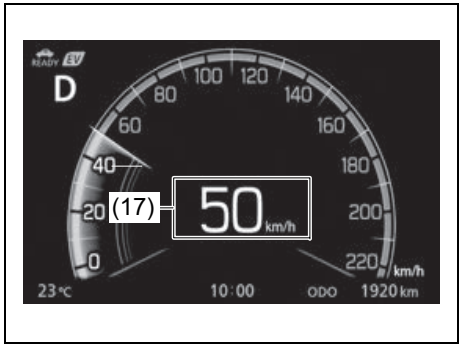
Gear Position



76TS40221

When the power switch is pressed to change the ignition mode to ON, the display (B) indicates the gear position (16).
For details on how to use the transmission, refer to "Using Transmission" in "OPERATING YOUR VEHICLE" section.

Digital speedometer display
When selecting the analog speedometer display, You can change ON/OFF of the digital speed display inside the analog speedometer.



76TS40661

(17) Digital speed display

Trip Meter / Odometer
The display (F) shows the trip meter and the odometer. You can select the trip meter or the odometer.

The trip meter can be used to measure the distance traveled on short trips or between fuel stops.
You can use trip meter A or trip meter B independently.

The odometer records the total distance the vehicle has been driven.

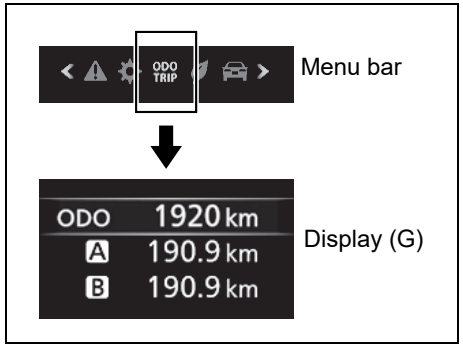
NOTICE

Keep track of your odometer reading and check the maintenance schedule regularly for required services. Increased wear or damage to certain parts can result from failure to perform required services at the proper mileage intervals.



76TS40410

You can change the trip meter and the odometer display from the menu bar.After selecting “Odometer / Tripmeter display” on the menu bar, Odometer and trip meter display is shown on Display (G).To reset the trip meter, select trip meter A or trip meter B and then press OK switch until resetting the display.



76TS40420

Setting Mode

When the ignition mode is ON, you can enter into the setting mode of the information display by selecting the setting mode from the menu bar by pressing “<” or “>” of the switch (3) to scroll or move the screen.

- To select the setting item that you want to change, select the setting mode from the menu bar and then select the item by moving the up/down selector switch (1).
- To exit the setting mode, press “<” or “>” of the selector switch (3).



76TS40230

NOTE:
The currently selected setting item is highlighted on the display.

⚠ WARNING

Do not change the setting mode while driving. Doing so may result in an unexpected accident.

Brightness
You can change the brightness of the information display, power meter, fuel gauge and temperature gauge.

Fuel economy units
(Fuel consumption unit setting)
You can change the units that fuel consumption is displayed in.

Language
You can change the language of the information display.

Fuel economy reset
(Average fuel consumption reset setting)
You can change when the value of average fuel consumption is reset.

Temperature units
(Temperature unit setting)
You can change the units that temperature is displayed in.
- To change the temperature unit, select “Temperature” in “Setting mode”. Then, select “°C” or “°F”.

NOTE:
When you change the units that temperature is displayed in, the automatic heating and air conditioning system (if equipped) temperature display units will be changed automatically.

Park sensor mode
(Parking sensor setting)
The parking sensor can be switched between the normal mode and trailer mode.

Clock setting
(Adjusting thee clock) (if equipped)
- Adjust the clock by selecting “Clock setting” in “Setting mode”. Then, select “Adjust clock”.
- To change the hour indication, move to the hour indication and press the up/down selector switch (1) to adjust.
- To change the minute indication, move to the minute indication and press the up /down selector switch (1) to adjust.
- To exit the setting mode, press “<” of the selector switch (3).

(Selecting 12H / 24H format)
(if equipped)
- Switch the time indication between 12-hour and 24-hour format by selecting “Clock setting” in “Setting mode”. Then, select “12H” or “24H”.

(Adjusting the date) (if equipped)
- Adjust the date by selecting “Clock setting” in “Setting mode”. Then select “Adjust date”.
- To adjust year, month and day, operate the up/down selector switch (1) in the same way as adjusting the clock.
- To adjust year, month and day, operate
- the up/down selector switch (1) in the same way as adjusting the clock.

Door lock (Door lock setting)
(Door unlock)
- All Doors:
  Unlock all doors by keyless push start system remote controller or request switch once
- Driver Door:
  Unlock all doors by keyless push start system remote controller or request switch twice (default setting)

(Auto lock)
- Manual Lock:
  Disable the automatic door locking function
- Speed Sync:
  Lock all doors when the vehicle speed reaches 15 km/h (10 mph) (default setting)
- Gear shift sync:
  Lock all doors when the gearshift lever is in other than “P” position.

(Auto unlock)
- Sync Off:
  Disable the automatic door unlocking function (default setting)
- IGN-OFF Sync:
  Unlock all doors when the power switch is pressed to change the ignition mode to LOCK (OFF)
- Gear shift sync:
  Unlock all doors when the gearshift lever is moved from other position to “P” position.

(Siren)
- You can turn off or on the siren sound when the door(s) is(are) locked or unlocked.

Lights
(Lane change setting)
The turn signal and its indicator can be set whether they flash three times even if you return the turn signal control lever shortly after operating it.
- To change the lane change setting, select “Lane Change” in “Setting mode”. Then, select “ON” or “OFF”
- If you want to change the number of flashing, consult Your Toyota Dealer.

(Ambient light setting) (if equipped)
You can change the on/off of the ambient light.

(Ambient light level) (if equipped)
You can change the lighting level of the ambient light brightness.

Guide me light setting (if equipped)
You can change the lighting time of “To car” function or “To home” function.
Antitheft
(Shock sensor system setting)
You can change the on/off of the shock sensor.

(Shock sensor pre setting)
You can adjust the pre-warning sensitivity of shock sensor.

(Shock sensor full setting)
You can adjust the full blast warning sensitivity of shock sensor.
TPMS

(Tyre pressure monitoring system setting)
You can check the current tyre pressure on the information display.

Refer to “Tyre pressure monitoring system (TPMS) (if equipped)” in “OPERATING YOUR VEHICLE” section for details.

IS A/C
(ENG A-STOP system setting)
(if equipped)
- When using the automatic heating and air conditioning system (if equipped), you can select one of the following engine auto stop settings.
  – Standard
  – Economy
  – Comfort
- When “Economy” is selected, engine auto stop condition is eased, compared with “Standard”. As engine auto stop condition will occur more frequently, the stop time will be longer, leading to reduction of fuel consumption.
- When “Comfort” is selected, engine auto stop condition becomes severe, compared with “Standard”. As engine auto stop condition will occur less frequently, the stop time will be shorter, leading to more comfortable cabin condition by air conditioner.

Display item
(“Speedometer type” setting)
You can change the digital or analogue type of the speedometer on the information display.

(“Car colour” setting)
You can change the car colour of the information display.

(“Calendar” display” setting)
You can select whether you show the calender on the information display or not.
(“Calendar format” setting)
You can change the calendar form of the information display.
To change the calendar form, select “Calendar form” in “Display item”. Then, select the display order of date, month and year.

(“Motion history” setting) (if equipped)
Indication of G position history graph at the vehicle stopped can be selected to enable or disable.

(“Idling disp” setting) (if equipped)
Display of ENG A-STOP operation with ignition mode LOCK (OFF) is selectable to indicate or not to indicate.

(“Idling warn” setting) (if equipped)
You can switch whether the information display shows the warning and indicator messages related on the ENG A-STOP system.

(“Regen disp” setting) (if equipped)
You can choose that deceleration energy regenerating indicator light comes on or does not come on.

(“Parking sensors” setting) (if equipped)
Display of “Parking sensors” is selectable to indicate or not to indicate.

(“Intersection” setting) (if equipped)
Display of “Intersection” is selectable to indicate or not to indicate.

(“Call display” setting) (if equipped)
Display of “Telephone Call display” is selectable to indicate or not to indicate.

Animation
(warning)” setting
Display of “Animation (warning)” is selectable to indicate or not to indicate.

Head-up Display setting (if equipped)
(Vehicle speed)
You can change ON/OFF of the vehicle speed.

(Shift)
You can change ON/OFF of the shift position.
(Clock)
You can change ON/OFF of the clock.

(Intersection guidance) (if equipped)
(working with the infotainment system))
You can change ON/OFF of the intersection guidance.

(Air conditioning system)
You can change ON/OFF display of the air conditioning system.

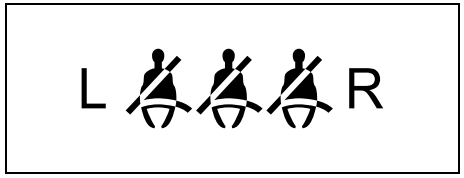
(High temperature warning message)
You can change ON/OFF of the high temperature warning message.

Default
(Initialization setting)
If you select “YES” and push OK switch (2), all settings will be reinitialized.

Four-mode 4WD system (if equipped)

The display (B) shows the driving mode. For details on how to use the four-mode 4WD system, refer to “Four-mode 4WD system (if equipped)” in “OPERATING YOUR VEHICLE” section.

Rear Passenger’s Seat Belt Reminder Light



76TS01005

Reminder light for rear passengers to fasten their seat belts. For details of the seat belt reminder, refer to “Seat Belt Reminder” in “FOR SAFE DRIVING” section.

Warning and Indicator Messages

The display shows warning and indicator messages to let you know about certain vehicle problems.
In some cases, the external or internal buzzer may also sound at the same time to alert you.

If warning and indicator messages appear on the display, follow the messages.

Master warning indicator light



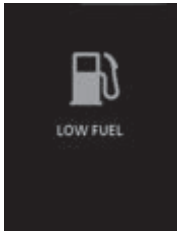
68PM00278

When the display shows warning and indicator messages, the master warning indicator light may also blink.

NOTE:
- *When the problem that causes a message to appear is corrected, the message will disappear.*
- *If a message is displayed, and other problems requiring a message occur, the message for each of the problems will be alternately displayed about every 5 seconds.*
- *When you press and hold OK switch (2) for a while, the message will disappear.*
- *Unless the message is disappeared on the display, have your vehicle inspected by Your Toyota Dealer for the problems or messages.*

Warning and indicator messages

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40430	Blinks (only while vehicle is in motion) 	Beep (one time from interior buzzer; only while vehicle is in motion)	A door, tailgate or engine hood is not properly closed. Stop the vehicle in a safe place and close the door, tailgate or engine hood properly.
 76TS40440	Blinks 	Continuous beep (from interior buzzer)	The parking brake is not released. Stop the vehicle in a safe place and release the parking brake.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21170	Blinks 	Continuous beep (from interior buzzer)	The headlights and/or the position lights are left on. Turn them off.
 52RM21180	Off	Beep (one time from interior buzzer)	Fuel level is low. Refill it as soon as possible. (#1)

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40450	Off	Off	The road may be icy. Drive very carefully. (#1)

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40460	Off	Off	This message is displayed when ACC position is selected as the ignition mode. (#1)
 76TS40470	Off	Off	The brake pedal is depressed. Press the power switch to start Hybrid system.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40480	Blinks 	Beep (one time from interior buzzer)	The steering lock is not disengaged. While lightly turning the steering wheel in both directions, press the power switch again.
 76TS40490	Blinks 	Beep (one time from interior buzzer)	There is a problem with the immobilizer/ keyless push start system. Also, the vehicle battery voltage may be decreased. When the message is displayed even if you start the engine with normal voltage of the vehicle battery, have your vehicle inspected by Your Toyota Dealer.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40500  76TS40510	Blinks 	Series of beeps under certain conditions (for about 2 seconds from exterior and/or interior buzzers)	The remote controller may be outside the vehicle or its battery may be discharged. Bring the remote controller in the vehicle or touch the engine push start switch with the remote controller. If the message still appears, replace the remote controller battery.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40520	Off	Off	This message is displayed when “ON” position is selected as the ignition mode. (#1)
 76TS40530	Blinks 	Beep (one time from interior buzzer)	The steering lock is not disengaged. While lightly turning the steering wheel in both directions, press the power switch again.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

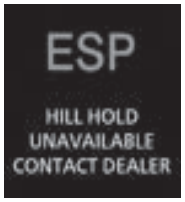
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40540	Off	Off	The remote controller battery is about to become flat. Replace the battery. (#1)
Manual transmission models  52RM21300	Off	Off	The ignition switch is pressed without depressing the brake and clutch pedals. Try again as instructed by the message.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40550	Off	Off	The power switch is pressed with the gear-shift lever in a position other than “P” or “N” or without depressing the brake pedal. Try again as instructed by the message.
 76TS40560	Off	Off	The power switch is pressed with the gear-shift lever in a position other than “P”. Try again as instructed by the message.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40570	Blinks 	Beep (one time from interior buzzer)	The transmission fluid temperature becomes too high. Stop the vehicle in a safe place and let the fluid cool down.

Vehicle with ESP® system

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 76TS40580	Blinks 	Beep (one time from interior buzzer)	There may be a problem with ESP® system. Have your vehicle inspected by Your Toyota Dealer.
Hill hold control system  76TS40590	Blinks 	Beep (one time from interior buzzer)	There may be a problem with hill hold control system. Have your vehicle inspected by Your Toyota Dealer.

Vehicles with electric parking brake system

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
RELEASE PARKING BRAKE	Blinks 	Continuous short beeps	The electric parking brake has not been released. Stop the vehicle in a safe place and release the electric parking brake.
VEHICLE MIGHT ROLL AVOID STEEP SLOPE	Blinks 	Continuous beeps	Since the vehicle may move, promptly depress the brake pedal, and park the vehicle in a place that is not on a steep slope.
FREQUENT OPERATION TEMPORARILY DISABLED	Blinks 	Continuous short beeps	The electric parking brake switch has been operated repeatedly in a short period and cannot operate temporarily. Wait for a while before attempting the operation again.
PARKING BRAKE INSPECTION REQUIRED	Blinks 	1 beep	The electric parking brake malfunction is detected. Consult Your Toyota Dealer for advice.
PARKING BRAKE UNAVAILABLE	Blinks 	Continuous beeps	The electric parking brake malfunction is detected. Consult Your Toyota Dealer for advice.
PARKING BRAKE AUTO ACTIVATED	Off	1 beep	The electric parking brake is automatically operated in response to the request from another function (system).

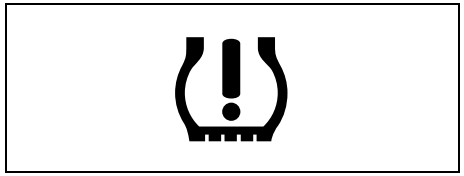
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
PARKING BRAKE SHIFT SYNCHRO FCN ACTIVATED	Off	1 beep	The electric parking brake system auto mode is ON.
PARKING BRAKE SHIFT SYNCHRO FCN DEACTIVATED	Off	1 beep	The electric parking brake system auto mode is OFF.
PUSH SWITCH WHILE PRESSING BRAKE PEDAL	Off	Continuous short beeps	The electric parking brake switch is operated when the brake pedal is not depressed. Operate the electric parking brake switch while depressing the brake pedal.
PARKING BRAKE ON (SEATBELT/ DOOR)	Off	Continuous short beeps	The electric parking brake cannot be automatically released due to the driver's seat belt not being fastened or the driver's door not being closed securely. Make sure you are wearing the seat belt and driver's door is closed, then try again.
BRAKE HOLD INSPECTION REQUIRED	Blinks 	1 beep	The brake hold malfunction is detected. Consult Your Toyota Dealer for advice.
BRAKE HOLD UNAVAILABLE STEEP SLOPE KEEP BRAKING	Blinks 	Continuous beeps	The brake hold function may not be set due to the vehicle being parked on a steep slope or similar conditions. Avoid parking on a steep slope or take other necessary precautions, then apply the brake hold again.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
BRAKE HOLD UNAVAILABLE (SEATBELT/ DOOR)	Off	Continuous short beeps	The brake hold system cannot be set due to the driver's seat belt not being fastened or the driver's door not being closed securely. Make sure you are wearing the seat belt and driver's door is closed, then try again.
PUSH SWITCH WHILE PRESSING BRAKE_PEDAL	Off	Continuous short beeps	The brake hold switch is operated when the brake pedal is not depressed. Operate the electric parking brake switch while depressing the brake pedal.

Warning and Indicator Lights

NOTE:
If warning and indicator lights blink or come on, the corresponding messages may be shown on the information display.

Low Tyre Pressure Warning Light (if equipped)



52D305

As an added fuel efficiency feature, your vehicle is equipped with a tyre pressure monitoring system (TPMS) that uses a low tyre pressure warning light to inform you when one or more of your tyres is significantly under-inflated.

When the ignition switch or the power switch is pressed to change the ignition mode to ON, this light comes on briefly so you can check that the light is working.

When the low tyre pressure warning light is lit, one or more of your tyres is significantly under-inflated. You should stop and check your tyres as soon as possible, and inflate them to the proper pressure as indicated on the vehicle's tyre information placard. Driving on a significantly under-inflated tyre causes the tyre to overheat and can lead to tyre failure. Under-inflation also reduces fuel efficiency and tyre tread life, and may affect the vehicle's handling and stopping ability. Each tyre, including the spare (optional), should be checked at least once a month when cold and set to the recommended inflation pressure as specified in the vehicle placard.

The low tyre pressure warning light is also used to inform you of a TPMS malfunction. When the system detects a malfunction, this light will blink for about 75 seconds and then remain continuously illuminated. This sequence will be repeated after the ignition switch or the power switch is pressed to change the ignition mode to "ON" as long as the malfunction exists.

NOTE:
The low tyre pressure warning light may not come on immediately if you have a sudden loss of air pressure.

⚠ WARNING

- **Failure to take corrective action when the low tyre pressure warning light is not working or when it comes on and blinks while driving can lead to an accident.**
  If the low tyre pressure warning light does not come on for 2 seconds after the ignition switch or the power switch is pressed to change the ignition mode to "ON", or comes on and blinks while driving, have your vehicle inspected by Your Toyota Dealer. Even if the light turns off after blinking, indicating that the monitoring system has recovered, you should still have the system checked by Your Toyota Dealer.

⚠ WARNING

The load-carrying capacity of your tyres is reduced at lower inflation pressures. If your tyres are even moderately under-inflated, the load on the tyres may exceed the load-carrying capacity of the tyres, which could lead to tyre failure. The low tyre pressure warning light will not alert you to this condition, because it only comes on when one or more of your tyres becomes significantly under-inflated.

Check and adjust your tyre inflation pressure at least once a month. Refer to "Tyres" in "INSPECTION AND MAINTENANCE" section.

⚠ WARNING

Continuing to drive with the low tyre pressure warning light on can lead to an accident, resulting in severe injury or death.

If the low tyre pressure warning light comes on and stays on, reduce your speed and avoid abrupt steering and braking. Be aware that driving on a significantly under-inflated tyre can cause the tyre to overheat and can lead to tyre failure, and may affect steering control and brake effectiveness. Stop the vehicle in a safe place as soon as possible and check your tyres.

- **If you have a flat tyre, repair it by the flat tyre repair kit or replace it with the spare tyre (optional). Refer to "Flat tyre repair kit" or "Tyre changing tool. Refer to "Jacking instructions" in "EMERGENCY SERVICE" section for the tyre replacement method. Also refer to "Replacing tyres and/or wheels" for instructions on how to restore normal operation of the TPMS after you have had a flat tyre.**

(Continued)

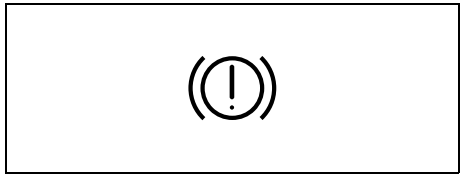
⚠ WARNING

(Continued)

- **Refer to "Flat tyre repair kit" or "Tyre changing tool" section.**
- **If one or more of your tyres is under-inflated, adjust the inflation pressure of all tyres to the recommended inflation pressure as soon as possible.**

Refer to "Tyre pressure monitoring system (TPMS) (if equipped)" in "OPERATING YOUR VEHICLE" section for additional details on the tyre pressure monitoring system.
Refer to "Tyres" in "INSPECTION AND MAINTENANCE" section for information on maintaining proper tyre pressure.

Brake System Warning Light (red color)



82K170

Three different types of operations exist depending on the vehicle's specification.

1) The light comes on briefly when the ignition switch or the power switch is pressed to change the ignition mode to ON.
2) The light comes on when the parking brake is engaged with the ignition mode ON.
3) The light comes on when under either or both of above two conditions.

The light also comes on when the fluid in the brake fluid reservoir falls below the specified level.

The light should go out after starting the engine and fully releasing the parking brake, if the fluid level in the brake fluid reservoir is adequate.

The light also comes on together with the ABS warning light when the rear brake force control function (proportioning valve function) of the ABS system fails.

The light also comes on when the brake system is malfunctioning for the vehicle of M15D engine (hybrid) model.

If the brake system warning light comes on while you are driving the vehicle, it may mean that there is something wrong with the vehicle's brake system. If this happens, you should:

1) Pull off the road and stop carefully.

⚠ WARNING

Remember that stopping distance may be longer, you may have to push harder on the pedal, and the pedal may go down farther than normal.

For the vehicle of the gasoline model

2) Test the brakes by carefully starting and stopping on the shoulder of the road.
3) If you determine that it is safe, drive the vehicle cautiously at low speed to Your Toyota Dealer for repairs or tow the vehicle to Your Toyota Dealer for repairs.

For the vehicle of M15D engine (hybrid) model

2) Continuing to drive the vehicle may be dangerous. Contact Your Toyota Dealer.

⚠ WARNING

If any of the following conditions occur, you should immediately ask Your Toyota Dealer to inspect the brake system.

- **If the brake system warning light does not go out after the engine has been started and the parking brake has been fully released.**
- **If the brake system warning light does not come on when the ignition switch or the power switch is pressed to change the ignition mode to ON.**
- **If the brake system warning light comes on at any time during vehicle operation.**

NOTE:
Because the brake system is self-adjusting, the fluid level will drop as the brake pads become worn. Replenishing the brake fluid reservoir is considered normal periodic maintenance.

(Parking Brake Reminder Buzzer)
A buzzer sounds intermittently to remind you to release the parking brake if you start the vehicle without releasing the parking brake. Make sure that the parking brake is fully released and the brake system warning light turns off.

Seat Belt Reminder Light

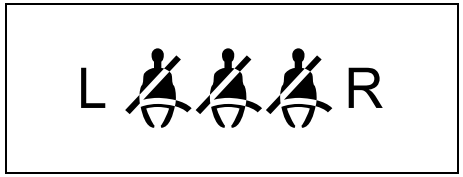


80J221

When the driver and/or front passenger do (does) not buckle his or her seat belt, this light will come on and/or blink.
For details about the seat belt reminder, refer to “Seat Belts Reminder” in “FOR SAFE DRIVING” section.

NOTE:
Along with the seat belt reminder light, a reminder message shall also come on the information display (if equipped), for unrestrained driver and/or front passenger.

Rear Passenger’s Seat Belt Reminder Light



76TS01005

Reminder light for rear passengers to fasten their seat belts. For details of the seat belt reminder, refer to “Seat Belt Reminder” in “FOR SAFE DRIVING” section.

Airbag Warning Light



63J030

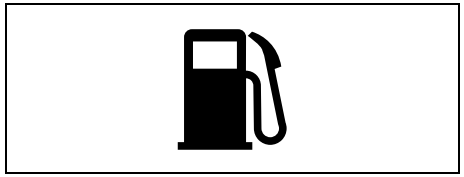
This light blinks or comes on for several seconds when the ignition switch or the power switch is pressed to change the ignition mode to ON so you can check if the light is working.

The light will come on and stay on if there is a problem in the airbag system or the seat belt pretensioner system.

⚠ WARNING

If the airbag warning light does not blink or come on briefly when the ignition switch is pressed to change the ignition mode to ON, stays on for more than 6 seconds, or comes on while driving, the airbag system or the seat belt pretensioner system may not work properly, which could result in serious injury in the event of a crash. Have both systems inspected by Your Toyota Dealer.

Low Fuel Warning Light



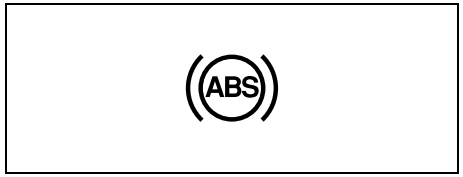
54G343

When the ignition mode or the power switch is ON, this light comes on if the remaining fuel level is about 5.0L or less. If this light comes on, fill the fuel tank immediately.

When this light comes on, a ding sounds once to remind you to fill the fuel.
If you do not fill the fuel, a ding sounds every time when the ignition switch or the power switch is pressed to change the ignition mode to ON.

NOTE:
- *The activation point of this light varies depending on road conditions (for example, slope or curve) and driving conditions because of fuel moving in the tank.*
- *When this light comes on, low fuel warning message is displayed on the information display.*
  For details, refer to "Warning and Indicator Messages" in this section.

Anti-lock Brake System (ABS) Warning Light



80J127

When the ignition switch or the power switch is pressed to change the ignition mode to ON, the light comes on briefly so you can check that the light is working.
If the light stays on, or comes on when driving, there may be something wrong with the ABS.

If this happens:
1) Pull off the road and stop carefully.
2) Change the ignition mode to LOCK (OFF) by pressing the ignition switch or the power switch and then start the engine again.

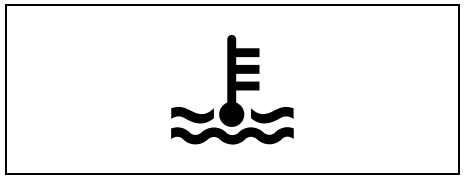
If the warning light comes on briefly then turns off, the system is normal. If the warning light still stays on, the system will be something wrong.

If the light and the brake system warning light stay on, or come on simultaneously when driving, your ABS system is equipped with the rear brake force control function (proportioning valve function) and there may be something wrong with both the rear brake force control function and anti-lock function of the ABS system.

If one of these happens, have the system inspected by Your Toyota Dealer.
If the ABS becomes inoperative, the brake system will function as an ordinary brake system that does not have this ABS system.

For details of ABS system, refer to "Anti-lock Brake System (ABS)" in the "OPERATING YOUR VEHICLE" section.

High Engine Coolant Temperature Warning Light (red color) (if equipped)



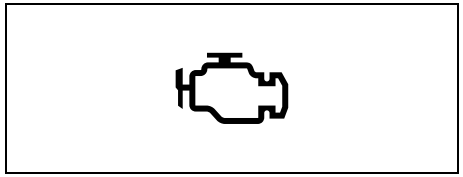
54G344

When the ignition switch is pressed to change the ignition mode to ON, this light comes on briefly so you can check that the light is working. If this light blinks while driving, it means the engine is running hot. If the light stays on after blinking, then the engine is overheating. To avoid actual overheating, if this light blinks or stays on while driving, follow the instructions in the “Engine Trouble: Overheating” of “EMERGENCY SERVICE” section.

NOTICE

Continuing to drive the vehicle when engine overheating is indicated can result in severe engine damage.

Malfunction Indicator Light



80J222

Your vehicle has a computer-controlled emission control system. A malfunction indicator light is provided on the instrument panel to indicate when it is necessary to have the emission control system serviced. The malfunction indicator light comes on when the ignition switch or the power switch is pressed to change the ignition mode to ON to let you know the light is working and goes out when the engine is started.

If the malfunction indicator light comes on or blinks when the engine is running, there is a damage in the emission control system.
Bring the vehicle to Your Toyota Dealer to have the damage fixed.

⚠ WARNING

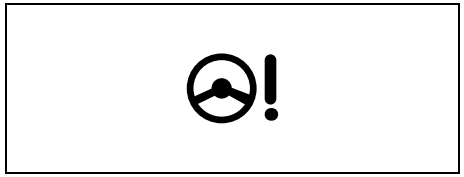
If this light blinks, stop your vehicle immediately in a safe place to avoid catalyst's melting problem since there may be a misfire in the engine.
- **Do not drive or stop over such as withered grasses.**

Drive slowly if required to move the vehicle.

NOTICE

Continuing to drive the vehicle when the malfunction indicator light is on or blinking can cause permanent damage to the vehicle’s emission control system, and can affect fuel economy and driveability.

Electric Power Steering Light



80J408

This light comes on when the ignition switch or the power switch is pressed to change the ignition mode to ON, and goes out when the engine is started or hybrid system is activated.

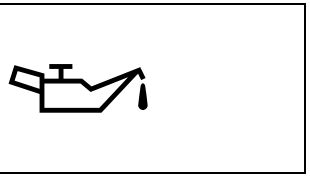
If this light comes on while driving, the power steering system may not work properly. Have the system inspected by Your Toyota Dealer.

NOTE:

- *Following operations of the steering wheel while parking or driving at a very lowspeed may have steering effort bigger gradually. This is not a malfunction of the steering system, but the power steering control system limits the power assist in order to prevent them from overheating.*
  - *The steering wheel is operated very often.*
  - *The steering wheel is kept in a fully turned position for a long while.*

  When the power steering control system cool down, the power steering system back to the original condition.
  However, repeating these operations could cause the power steering system damaged.
- *If the power steering system does not work properly, you will feel heavier to steer but you still will be able to steer.*
- *If the steering is operated, you may hear a noise. This is normal and indicates that the power steering system works properly.*

Engine Oil Pressure Warning Light



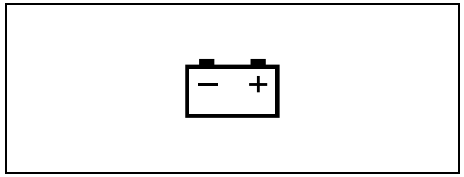
80J223

This light comes on when the ignition switch or the power switch is pressed to change the ignition mode to ON, and goes out when the engine is started or hybrid system is activated. The light will come on and remain on if there is insufficient oil pressure. If the light comes on when driving, pull off the road as soon as you can and stop the engine.
Check the oil level and add oil if necessary. If there is enough oil, the lubrication system should be inspected by Your Toyota Dealer before you drive the vehicle again.

NOTICE

- **If you operate the engine with this light on, severe engine damage can result.**
- **Do not rely on the engine oil pressure warning light to indicate the need to add oil. Be sure to periodically check the engine oil level.**

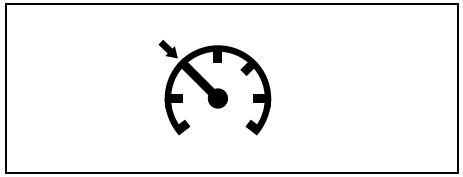
Charge Warning Light



80J226

This light comes on when the ignition switch or the power switch is pressed to change the ignition mode to ON, and goes out when the engine is started or hybrid system is activated. The light will come on and remain on if there is something wrong with the battery charging system. If the light comes on when the engine is running or hybrid system is activated, the charging system should be inspected immediately by Your Toyota Dealer.

Cruise Control Indicator Light (if equipped)



64MM02015

When the cruise control is on, this light will be on.

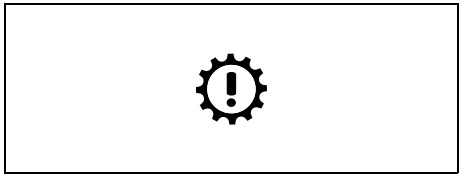
"SET" Indicator Light (if equipped)



65D474

When a cruising speed of the cruise control is set, this light will be on.

Transmission Warning Light (Automatic Transmission models)

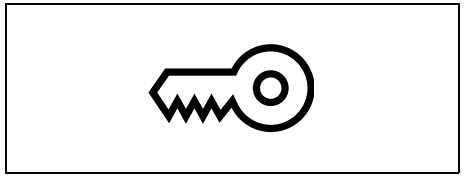


80J219

When the ignition switch is pressed to change the ignition mode to ON, this light comes on for several seconds so you can check that the light is working.

If this light comes on when the ignition switch is pressed to change the ignition mode to ON, there is a problem with the automatic transmission system.
If this light comes on or blinks, stop the vehicle in a safe place and contact Your Toyota Dealer. If the light comes on or blinks again after the light goes out, have the system inspected by Your Toyota Dealer.

Immobilizer / Keyless Push Start System Warning Light



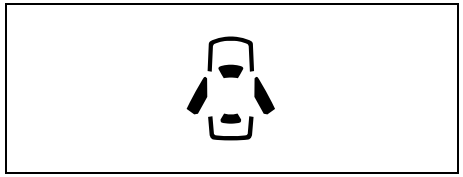
80JM122

When the ignition switch or the power switch is pressed to change the ignition mode to ON, the light comes on briefly so you can check that the light is working.

If this light blinks or stays on, there is a problem with the system.

If this light still blinks or stays on even if you start the engine with normal voltage of the vehicle battery, ask Your Toyota Dealer to have the system inspected.

Open Door Warning Light

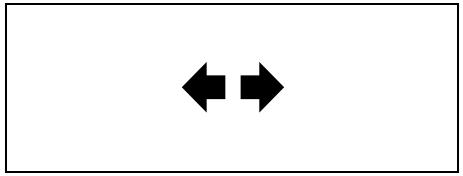


54G391

This light remains on until all doors (including the tailgate) are completely closed.

If any door (including the tailgate) is open when the vehicle is moving, a ding sounds to remind you to close all doors completely.

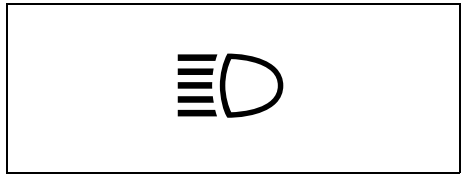
Turn Signal Indicators



59RN04690

When you turn on the left or right turn signals, the corresponding green arrow on the instrument cluster will blink along with the respective turn signal lights. When you turn on the hazard warning switch, both arrows will blink along with all of the turn signal lights.

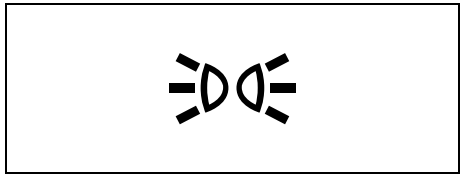
Main Beam (High beam) Indicator Light



80J212

This indicator comes on when headlight main beams (high beams) are turned on.

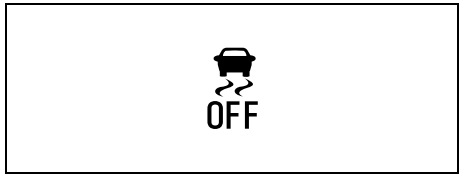
Illumination Indicator Light



64J045

This indicator light comes on while the position lights, tail light and/or the headlights are on.

ESP® OFF Indicator Light



57L30045

When the ignition switch or the power switch is pressed to change the ignition mode to ON, this light comes on briefly so you can check that the light is working.

When the ESP® OFF switch is pushed to turn off the ESP® systems (other than ABS), the ESP® OFF indicator light comes on and stays on.

For details of the ESP® systems, refer to “Electronic Stability Program (ESP®)” in the “OPERATING YOUR VEHICLE” section.

ESP® Indicator Light



52KM133

ESP® is a registered trademark of Mercedes-Benz Group AG.

This light blinks 5 times per second when one of the ESP® systems other than ABS is activated. If this light blinks, drive carefully.

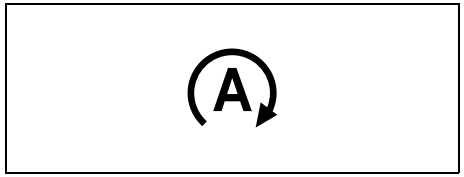
When the ignition switch or the power switch is pressed to change the ignition mode to ON, the light comes on briefly so you can check that the light is working. If the light stays on, or comes on when driving and remains on, there may be something wrong with the ESP® systems (other than ABS). You should have the system inspected by Your Toyota Dealer.

For details of the ESP® systems, refer to “Electronic Stability Program (ESP®)” in the “OPERATING YOUR VEHICLE” section.

⚠ WARNING

The ESP® systems cannot prevent accidents. Always drive carefully.

ENG A-STOP Indicator Light (if equipped)



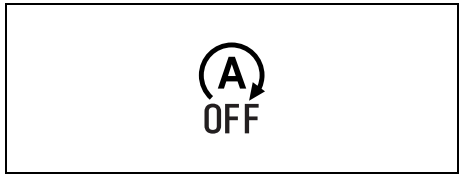
72M00032

When the ignition switch is pressed to change the ignition mode to ON, this light comes on briefly to let you know the light is working.

When the engine stops automatically, this light comes on.

For details, refer to “ENG A-STOP System (Engine Auto Stop Start System) (if equipped)” in the “OPERATING YOUR VEHICLE” section.

ENG A-STOP OFF Indicator Light (if equipped)



62R0352

When the ignition switch is pressed to change the ignition mode to ON, this light comes on briefly if the system works properly.

The ENG A-STOP OFF indicator light blinks under the following conditions:

- If there is something wrong with the ENG A-STOP system
- If there is something wrong with the lithium- ion battery
- When the lead-acid battery is due for replacement

If the ENG A-STOP OFF indicator light blinks, have your vehicle inspected immediately by Your Toyota Dealer.
For details, refer to “ENG A-STOP OFF light” in the “OPERATING YOUR VEHICLE” section.

Master Warning Indicator Light



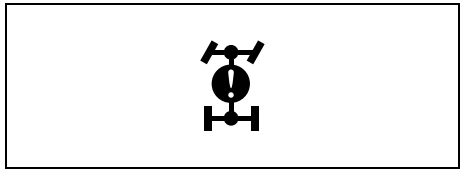
68PM00278

When the ignition switch is turned “ON”, this light comes on briefly so you can check that the light is working.

When the information display shows warning and indicator messages, this indicator light may also blink.

For details, refer to “Information Display (Type A)” and “Information Display (Type B)” in this section.

4WD Indicator Light (if equipped)



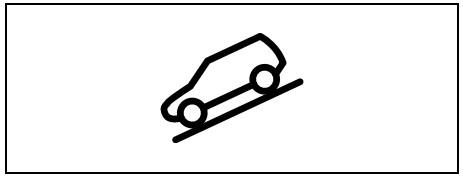
57L30042

When the ignition switch is pressed to change the ignition mode to “ON”, this light comes on briefly so you can check that the light is working.

- This light comes on if there is any problem with the four-mode 4WD system. The system will be deactivated automatically.
- The light blinks if the vehicle is in either of the following conditions, and the system will be deactivated automatically.
  – Wheels of different diameters are fitted to the vehicle.
  – Drive train components overheat as a result of spinning of a drive wheel in mud or snow.

NOTE:
Should the light blink, immediately move the vehicle to a safe place and park it there to protect the drive train components. If you let the engine run at idle for a while except for the case of different sized wheels are fitted, the light will go out and the system will resume.

Hill Descent Control Indicator Light (if equipped)



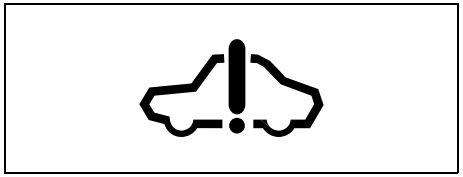
79K050

When the ignition switch is pressed to change the ignition mode to “ON”, this light comes on briefly so you can check that the light is working.

When you push the hill descent control switch and the hill descent control operating conditions are fulfilled, the hill descent control indicator comes on. If the hill descent control indicator blinks, the hill descent control will not be activated.

For details of the hill descent control system, refer to “Hill Descent Control System (if equipped)” in “OPERATING YOUR VEHICLE” section.

Hybrid System Warning Light (if equipped)



53SB18209

When the power switch is pressed to change the ignition mode to “ON”, this light comes on briefly so you can check that the light is working.

EV Indicator (if equipped)



53SB08211

When the vehicle is driven using the electric motor (traction motor) or the gasoline engine is stopped, this indicator comes on.

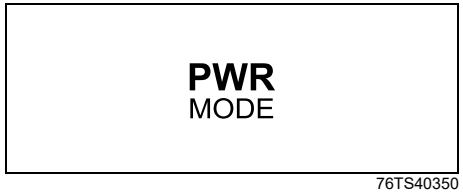
Acoustic Vehicle Alerting System Warning Light (if equipped)



76TS14003

When the power switch is pressed to change the ignition mode to “ON”, this light comes on briefly so you can check that the light is working. If this light blinks, there may be something wrong with the acoustic vehicle alerting system. Have your vehicle inspected by Your Toyota Dealer.

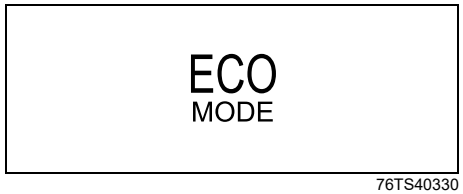
Power Mode (if equipped)



76TS40350

When pushing Drive mode switch and selecting Power mode, quick response and strong acceleration to accelerator pedal can be done and this light comes on.

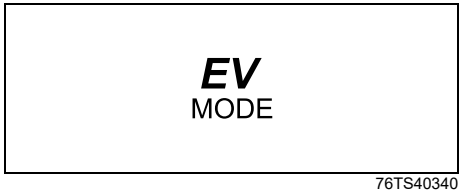
ECO Mode Indicator (if equipped)



76TS40330

This indicator comes on when the vehicle is driven under ECO mode situation when pushing Drive mode switch and selecting ECO mode

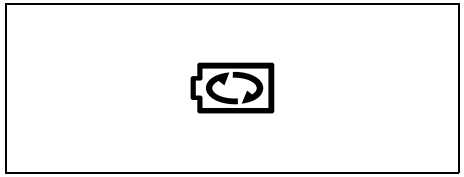
EV Drive Mode (if equipped)



76TS40340

When electric power is supplied by the hybrid battery and electric motor is used only to drive the vehicle, this light comes on.

Deceleration Energy Regenerating Indicator Light (if equipped)



72M00168

When the ignition switch is pressed to change the ignition mode to “ON”, this light comes on briefly so you can check that the light is working.

When the deceleration energy regenerating function is working, this light comes on.

For details, refer to “NEO DRIVE (if equipped)” in “OPERATING YOUR VEHICLE” section.

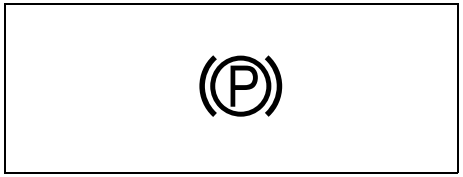
READY Indicator (if equipped)



74SB20206

With the gearshift lever in “P” position and brake pedal depressed, pressing the power switch starts up the hybrid system to be ready to run and this READY indicator comes on.

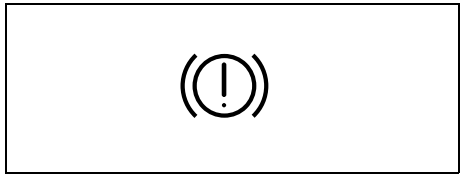
Electric Parking Brake Operation Indicator Light (if equipped)



69TJ010130

- This indicator comes on when the electric parking brake is engaged.
- This indicator blinks when the electric parking brake system is malfunctioning.
- When the electric parking brake is functioning normally, the indicator comes on for several seconds when pressing the engine switch to change the ignition mode to ON, and the indicator continues as follows.
  – When the electric parking brake is ON, the indicator continues to stay illuminated.
  – When the electric parking brake is released, the indicator turns off.

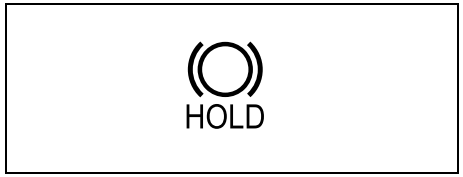
Brake System Warning Light (yellow color) (if equipped)



82K170

- When the power switch is pressed to change the ignition mode to “ON”, this light comes on briefly so you can check that the light is working.
- If the light stays on or comes on when driving, there may be something wrong with any of the below systems:
  – Regenerative brake function
  – Hill hold control system
  – Electric parking brake system
- If the light comes on temporarily while driving but then goes off and does not come back on, it is normal.

Brake Hold Standby Indicator Light (white color) (if equipped)

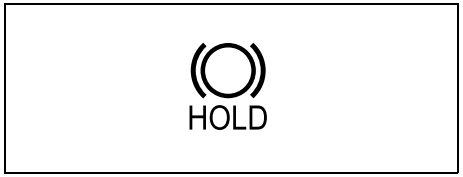


69TJ010140

This indicator comes on when the brake hold operational conditions (standby conditions) are met.

Vehicles with Instrument Cluster Type A
When the brake hold system is functioning normally, the indicator comes on for few seconds when pressing the engine switch to change the ignition mode to ON, then goes off.

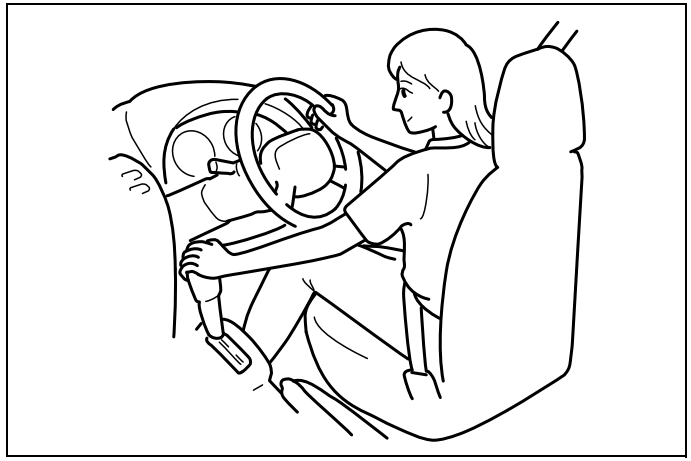
Brake Hold Operation Indicator Light (green color) (if equipped)



69TJ010140

- This indicator comes on when the brake hold system is operating.
- When the brake hold system is functioning normally, the indicator comes on for several seconds when pressing the engine switch to change the ignition mode to ON, then goes off.

MEMO



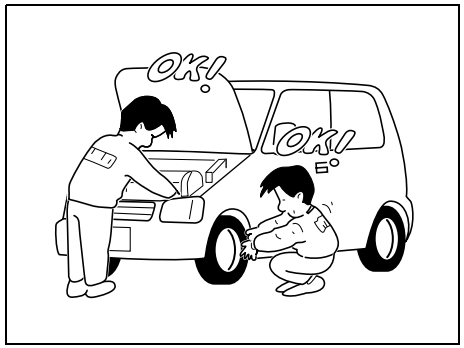
59RN05760

OPERATING YOUR VEHICLE

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Daily Inspection Checklist

Before Driving



59RN05750

1) Check that the windows, mirrors, lights and reflectors are clean and unobstructed.
2) Visually check the tyres for the following points:
   – the depth of the tread groove
   – abnormal wear, cracks and damage
   – loose wheel nuts
   – existence of foreign material such as nails, stones, etc.

   Refer to “Tyres” in “INSPECTION AND MAINTENANCE” section for details.

3) Look for fluid and oil leakage.

NOTE:
It is normal for water to drip from the air conditioning system while and after use.

4) Check that the hood is fully closed and latched.
5) Check the headlights, turn signal lights, brake lights and horn for proper operation.
6) Adjust the seat and head restraint.
7) Check the brake pedal feeling and the adjustment condition for the parking brake lever (if equipped).
   Refer to “Brake” in “INSPECTION AND MAINTENANCE” section for details.
8) Adjust the mirrors.
9) Check that you and all the passengers have properly fastened the seat belts.
10) Check that all the warning lights come on as the engine switch is pressed to change the ignition mode to ON.
11) Check all the gauges.
12) Check that the brake system warning light (if parking lever equipped) or Parking brake operation indicator light (for EPB equipped)) turns off when the parking brake is released.

Once a week, or each time you fill your fuel tank, perform the following under-hood checks:

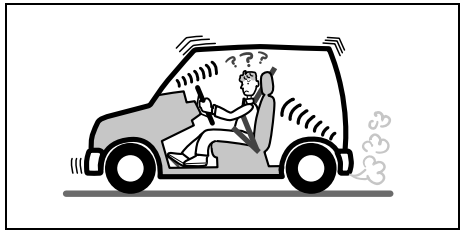
1) Engine oil level
2) Coolant level
3) Brake fluid level
4) Battery fluid (acid) level
5) Windshield washer fluid level
6) Hood latch operation
   Pull the hood release lever inside the vehicle. Check that you cannot open the hood further without releasing the secondary latch. Close the hood securely after checking for proper latch operation. See the item “All latches, hinges and locks” of “Chassis, body and others” in “Maintenance Schedule” in “INSPECTION AND MAINTENANCE” section for lubrication schedule.

⚠ WARNING

Check that the hood is fully closed and latched before driving. If it is not, it can fly up unexpectedly during driving, obstructing your view and resulting in an accident.

Once a month, or each time you fill your fuel tank, check the tyre pressure using a tyre pressure gauge. Also check the tyre pressure of the spare tyre (optional).

When You Notice the Following Symptoms



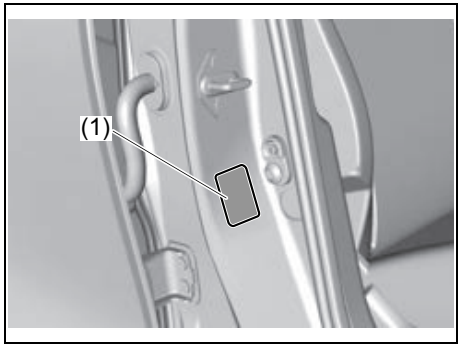
80J009

⚠ CAUTION

If you keep using your vehicle in the following conditions, malfunction and an accident may occur. Consult Your Toyota Dealer.

- **Leaked oil or other liquid appears on the ground below the vehicle.**
- **Brake fluid level is low.**
- **There are unusual odors, sounds or vibrations.**
- **The feeling of operating the steering wheel or the brakes is different than usual.**

Check the Tyre Pressure

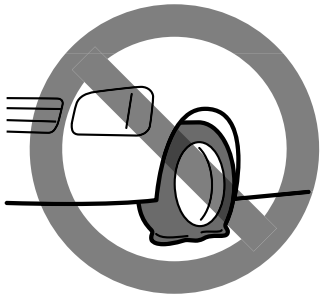


55T090020

- Periodically check and adjust the tyre pressure. The specified tyre pressure for the tyres of this vehicle can be confirmed by checking the tyre information label (1) affixed to the opening of the driver's door.
- Driving with insufficient tyre pressure can cause the sides of the tyre to wear, in addition to decreasing fuel efficiency.

⚠ WARNING

- **Driving with extremely low tyre pressure can cause a tyre blowout (bursting) and may result in an accident. Do not drive with extremely low tyre pressure.**



69RHS173

- **If the specified tyre pressure is not maintained, the full performance of the vehicle cannot be achieved and the following could occur, leading to accidents or malfunctions. Adjust the tyre pressure as specified.**
  - **– Decreased driving stability**
  - **– Longer distance required for braking**

(Continued)

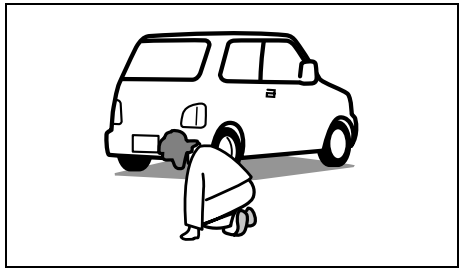
⚠ WARNING

(Continued)

– Accurate tyre rotation speed cannot be detected, which interferes with the following functions:
- **ABS**
- **Electronic stability program (ESP®)**

To adjust the tyre pressure, refer to “Tyres” in “INSPECTION AND MAINTENANCE” section.

Check the Exhaust Pipe



80J011

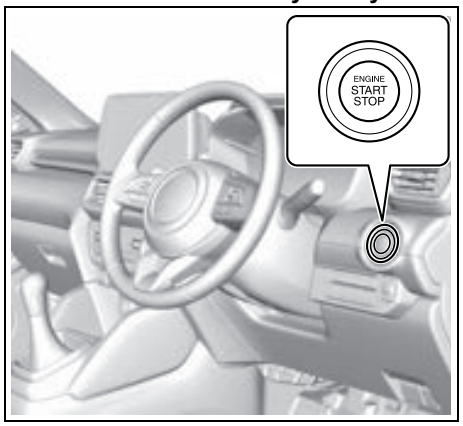
Periodically check the exhaust pipes for holes or cracks.

⚠ WARNING

If leaks in exhaust pipes are present, exhaust gas could enter the vehicle and possibly cause carbon monoxide poisoning. If you feel that something is abnormal, consult Your Toyota Dealer.

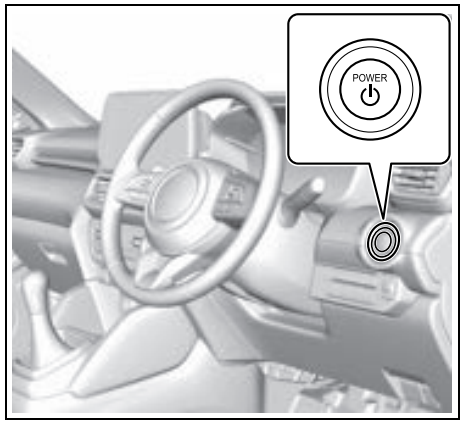
Engine Switch / Power Switch

The vehicle without the hybrid system



76TS50010

The vehicle with the hybrid system



76TS50910

LOCK (OFF)
This mode is for parking the vehicle. When this mode is selected by pressing the engine switch or the power switch and then any door (including the tailgate) is opened or closed, the steering will be locked automatically.

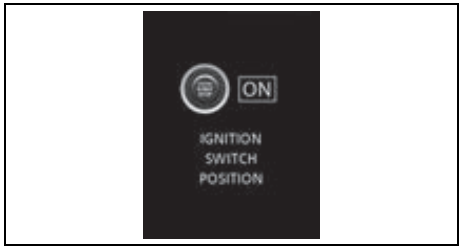
NOTE:
For the vehicle with the hybrid system:
If the shift lever is in a position other than P when turning off the hybrid system, the power switch will be remained to ON, not to off.

ACC
Press the engine switch or the power switch to select this ignition mode to use such electric equipment as the audio system, outside rearview mirrors and accessory socket with the engine or the hybrid system off. When this position is selected, the information display in the instrument cluster shows the following message.



59R40300

ON
- **With the engine or the hybrid system off**
  You can use such electric equipment as the power windows and wipers with the engine or the hybrid system off. When this ignition mode is selected by pressing the engine switch or the power switch, the information display in the instrument cluster shows the following message.



52RM21270

- **With the engine or the hybrid system on**
  All electric equipment is operational. The vehicle can be driven when you have selected this ignition mode by pressing the engine switch or the power switch.

START

Manual transmission vehicles:

Provided you have the keyless push start system remote controller with you, the engine automatically starts when you press the engine switch to select this ignition mode after shifting to “N” (Neutral) and depressing the brake and clutch pedals.

Automatic transmission vehicles / e-CVT vehicles:

Provided you have the keyless push start system remote controller with you, the engine or the hybrid system automatically starts when you press the engine switch or the power switch to select this ignition mode after placing the gearshift lever in “P” (Park) position and depressing the brake pedal. (If you need to restart the engine or the hybrid system while the vehicle is moving, shift into “N”.)

NOTICE

Do not leave the engine switch or the power switch in ACC or ON mode when the engine is not running or the hybrid system is not operating. Avoid using the radio or other electric accessories for a long time when the engine switch or the power switch is in ACC or ON mode when the engine is not running or the hybrid system is not operating, otherwise the lead-acid battery may discharge.

NOTE:

- *The steering will be unlocked when you press the engine switch or the hybrid system to change the ignition mode from LOCK (OFF) to ACC or ON.*
- *You do not need to keep the engine switch or the hybrid system pressed until the engine or the hybrid system starts.*
- *In the presence of strong radio wave or noise, you may not be able to change the ignition mode to ACC or ON or to start the engine or the hybrid system using the engine switch or the power switch. In this case, the information display in the instrument cluster will show the following message.*



55T040090

Unreleased Steering Lock Warning

If the steering lock remains engaged when you press the engine switch or the power switch to change the ignition mode to ON, the information display in the instrument cluster shows the following message and you cannot start the engine or the hybrid system. If this happens, press the engine switch or the power switch, turning the steering wheel to right or left.



55T050160



76TS50030

NOTE:

- *The steering lock may not be released and the immobilizer/keyless push start system warning light turns on if some load is applied on the steering wheel. If this happens, turn the steering wheel system to the right or left to relieve it from the load before you press the engine switch or the power switch again to change to the desired ignition mode.*
- *For the vehicle with the hybrid system: To prevent the steering lock motor from overheating, the motor may be suspended if the hybrid system is turned on and off repeatedly in a short period of time. In this case, refrain from operating the power switch. After about 10 seconds, the steering lock motor will resume functioning.*

Immobilizer System

This system is designed to help prevent vehicle theft by electronically disabling the engine starting system or the hybrid system.
The engine or the hybrid system can be started only with your vehicle's original keyless push start system remote controller, which has an electronic identification code programmed in it. The remote controller communicates the identification code to the vehicle when the engine switch or the power switch is pressed to change the ignition mode to ON. If you need to make spare remote controllers, see Your Toyota Dealer. The vehicle must be programmed with the correct identification code for the spare remote controllers.

In the case you can start the engine or the hybrid system, when press the engine switch or the power switch to change the ignition mode to ON, the immobilizer system will be released and the immobilizer/keyless push start system warning light will turn on for about 2 seconds and then it will turn off.

When you press the engine switch or the power switch to change the ignition mode to LOCK (OFF), the immobilizer system will operate.

NOTICE
If the immobilizer system is modified or removed, it cannot be properly operated. Do not modify or remove the immobilizer system.

NOTE:
This immobilizer system is maintenance-free.

Immobilizer / Keyless Push Start System Warning Light



80JM122

This light will be shown on the instrument cluster.

- If there is abnormality on the immobilizer system or the keyless push start system, this light will turn on with the engine switch or the power switch in ON mode.

- If this light blinks or turns on for about 5 seconds, you may not be able to start the engine or the hybrid system. Check the position of the keyless push start system remote controller, change the ignition mode to LOCK (OFF), and then change it back to ON. Also, refer to “If the master warning indicator light blinks and the engine or the hybrid system cannot be started” in “Starting Engine” in this section.
- This light will blink when the remote controller outside warning operates as well. Refer to “Remote Controller Outside Warning” in this section.

NOTICE

The remote controller is sensitive electronic instrument. To avoid damaging it:

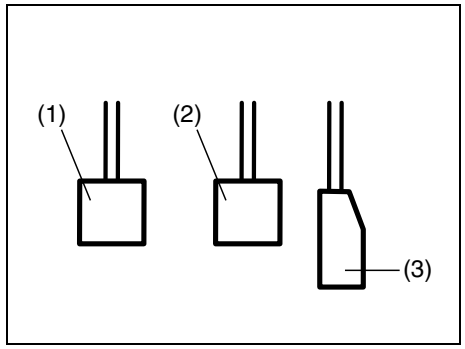
- **Do not expose it to impacts, moisture or high temperature such as on the dashboard under direct sunlight.**
- **Keep it away from magnetic objects.**

NOTE:

- *If you lose your remote controller, ask Your Toyota Dealer as soon as possible to deactivate the lost one, and to make a new remote controller.*
- *If you own other vehicles with immobilizer keys, keep those keys away from the engine switch or the power switch when using your TOYOTA vehicle. Otherwise, the engine or the hybrid system may not be started because they may interfere with your TOYOTA vehicle’s immobilizer system.*
- *If you attach any metal objects to the remote controller, it may not start the engine.*

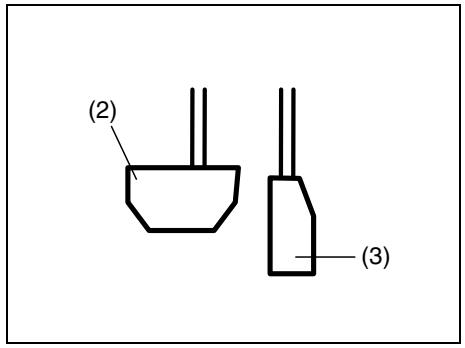
Pedal

Manual transmission



80J2121

Automatic transmission / e-CVT



80J2122

Clutch Pedal (1)

A clutch pedal is used to disengage the driving force to the wheels when starting the engine, stopping, or shifting the gear-shift lever. Depressing the pedal disengages the clutch.

⚠ WARNING

Do not drive with your foot resting on the clutch pedal. It could result in excessive clutch wear, clutch damage, or unexpected loss of engine braking.

Brake Pedal (2)

Your vehicle is equipped with either front and rear disc brakes or front disc brakes and rear drum brakes. Depressing a brake pedal applies both sets of brakes.

You may hear occasional brake squeal when you apply the brakes. This is a normal condition caused by environmental factors such as temperature, humidity or dust, etc.

⚠ WARNING

If brake squeal is excessive and occurs each time the brakes are applied, you should have the brakes checked by Your Toyota Dealer.

⚠ WARNING

Do not apply brakes continuously or rest your foot on the brake pedal. This will result in overheating of the brakes which could cause unpredictable braking action, longer stopping distances, or permanent brake damage.

Accelerator Pedal (3)

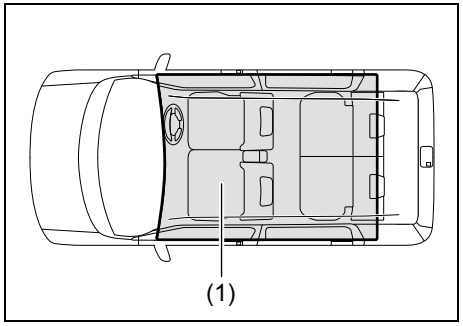
An accelerator pedal controls the speed of the engine. Depressing the accelerator pedal increases power output and speed.

NOTE:
Your vehicle is equipped with Brake Override System. If you depress both the accelerator pedal and the brake pedal simultaneously, the engine power output / the hybrid system output may be suppressed.

Keyless Push Start System

Provided the keyless push start system remote controller is within the interior workable area, you can use the engine switch for starting the engine or the hybrid system and selecting an ignition mode (ACC or ON). In addition, the following functions can be used:

- Keyless entry function. Refer to “Keyless Push Start System Remote Controller” in “BEFORE DRIVING” section for details.
- Locking and unlocking doors (including the tailgate) using a request switch. Refer to “Keyless Push Start System Remote Controller” in “BEFORE DRIVING” section for details.
- Immobilizer (anti-theft) function. Refer to “Immobilizer System” in this section for details.



55T050231

(1) Interior workable area

The interior workable area is defined as all the interior spaces except for the space on the instrument panel or in the luggage compartment.

NOTE:

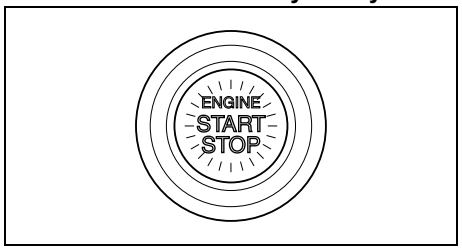
- *Even when the remote controller is in the interior workable area, if it is in any of the following conditions, you may not be able to start the engine or the hybrid system or to select the ignition modes, and the remote controller outside warning may be given.*
  - *–The remote controller's battery is low.*
  - *–The remote controller is affected by strong radio wave or noise.*
  - *–The remote controller is in contact with or covered by a metallic object.*
  - *–The remote controller is in the secluded stowages such as the glove box or a door pocket.*
  - *–The remote controller is in the sun visor pocket or on the floor.*
- *Even when the remote controller is outside the interior workable area, if it is in any of the following conditions, you may be able to start the engine or the hybrid system or to select the ignition mode. The remote controller outside warning may not be given at that time.*
  - *–The remote controller is outside the vehicle but very close to a door.*
  - *–The remote controller is on the instrument panel.*

Engine Switch Illumination / Power Switch Illumination

The engine switch or the power switch is illuminated (lit) in the following situations:

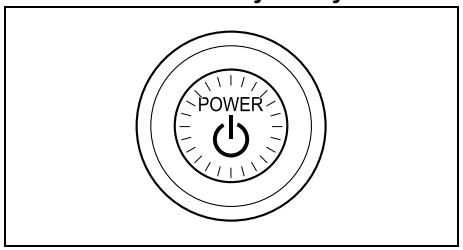
- When the engine is off and the driver's door is open, or for 15 seconds after the driver's door is closed. The illumination will fade out after 15 seconds passed.
- While the headlights and/or the position lights are on, the illumination will turn on. The illumination will go out when the headlights and the position lights are turned off.

The vehicle without the hybrid system



82K253

The vehicle with the hybrid system



76TS50940

NOTE:
To save the lead-acid battery, the illumination will be automatically turned off when both of the following conditions are simultaneously met:

- *The headlights and the position lights are turned off.*
- *15 minutes has elapsed since opening the driver's door.*

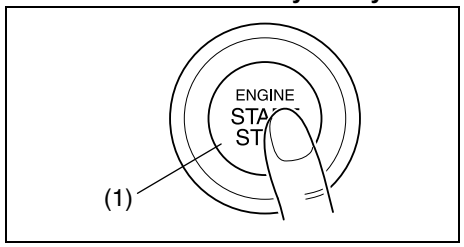
Selection of Ignition Modes

Press the engine switch or the power switch to select ACC or ON mode as follows when you use an electric accessory or check the operation of instrument cluster without running the engine.

NOTE:
When selecting the ignition modes, the information display in the instrument cluster show certain messages. Refer to "Information Display" in the "INSTRUMENT CLUSTER" section.

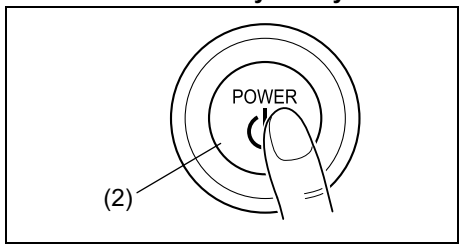
1) Bring the keyless push start system remote controller with you and sit in the driver's seat.

The vehicle without the hybrid system



82K254

The vehicle with the hybrid system

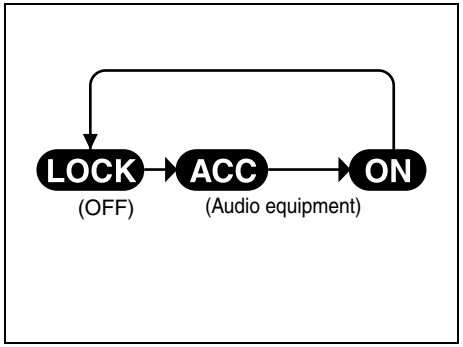


76TS50950

2) Manual transmission – Without depressing the clutch pedal, press the engine switch (1).

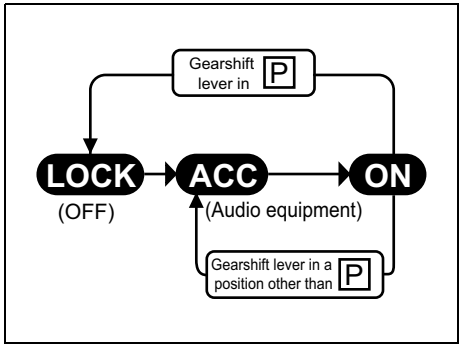
   Automatic transmission / e-CVT – Without depressing the brake pedal, press the engine switch (1) or the power switch (2).
   Every time you press the engine switch or the power switch, the ignition mode changes as follows.

Manual transmission



68PH00322

Automatic transmission / e-CVT

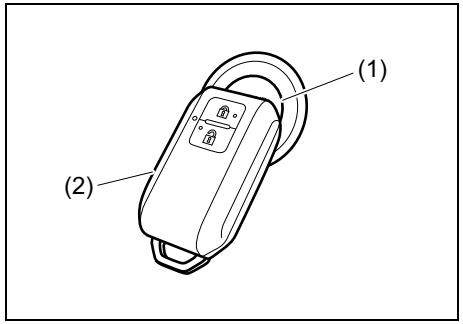


57L31006

NOTE:
- *Automatic transmission / e-CVT – If the gearshift lever is in any position other than "P", or if the knob button is pushed when the gearshift lever is in "P" position, the ignition mode cannot be returned to LOCK (OFF).*
- *If the gearshift lever has malfunction, you may not return the ignition mode to LOCK (OFF). Refer to "Returning Ignition Mode to LOCK (OFF)" in this section for details.*

If the master warning indicator light ⚠ blinks and the ignition modes cannot be selected

Your keyless push start system remote controller may not be sensed as being within the interior workable area (refer to the related explanation in this section). Try again after checking that you have the remote controller with you. If the ignition modes still cannot be selected, the battery of the remote controller may be discharged. To select an ignition mode, you must then use the following method:



76TS50930

1) Manual transmission – Without depressing the clutch pedal, push the engine switch (1).

   Automatic transmission / e-CVT – Without depressing the brake pedal, press the engine switch or the power switch (1).

2) Within about 10 seconds while the master warning indicator light blinks and the information display in the instrument cluster shows the following message, touch the engine switch or the power switch with the lock switch end of the remote controller (2) for about 2 seconds.



55T040100

While the master warning indicator light blinks, the immobilizer/keyless push system warning light will come on for about 5 seconds.

If you still cannot select the ignition modes, there may be the other problem such as the discharged lead-acid battery. In this case, consult Your Toyota Dealer.

NOTE:

- *You may customize the system to cause the interior buzzer to sound once for warning that remote controller is out of sensing range. For this customization, consult Your Toyota Dealer.*
- *If the battery of the remote controller is almost discharged, the information display in the instrument cluster shows the following message when you press the engine switch or the power switch to change the ignition mode to ON. Refer to "Information Display" in "INSTRUMENT CLUSTER" section for details. For details on replacing the battery, refer to "Keyless Push Start System Remote Controller" in "BEFORE DRIVING" section.*

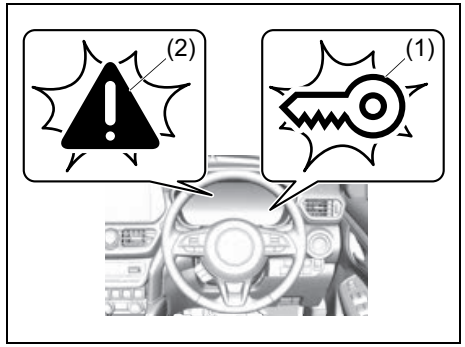


55T040120

Remote Controller Outside Warning

When either of the following conditions is met, the system causes the remote controller outside warning by sounding the interior and exterior buzzers. At the same time, the immobilizer/keyless push start system warning light comes on, the master warning indicator light blinks and the information display in the instrument cluster will show the corresponding message.

- Any door is opened and then closed while the remote controller is not inside the vehicle and the engine is running (the hybrid system is operating) or the ignition mode has been changed to ACC or ON by pressing the engine switch or the power switch.
- The remote controller is not inside the vehicle when you attempt to start the engine or the hybrid system after changing the ignition mode to ACC or ON by pressing the engine switch or the power switch.



76TS50050

(1) Immobilizer/keyless push start system warning light (blinks)
(2) Master warning indicator light (blinks)

If the warning is given, place the remote controller inside the vehicle as soon as possible.

- Any attempt to start the engine or the hybrid system will fail while the warning is active. The message appearing in the information display in the instrument cluster will also indicate this condition. Refer to "Information Display" in the "INSTRUMENT CLUSTER" section for details.

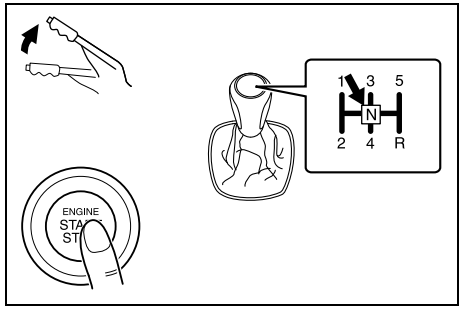
- Normally, the immobilizer/keyless push start system warning light should go out and the master warning indicator light should stop blinking shortly after the remote controller is brought back inside the vehicle. If they remain lit and blinking, change the ignition mode to LOCK (OFF) by pressing the engine switch or the power switch and then perform the engine starting operation or the strong hybrid starting operation. Refer to “Starting / Stopping Engine or Hybrid System” in this section.

NOTE:
Always keep the remote controller with you as the driver.

Starting / Stopping Engine or Hybrid System

Starting Engine or Hybrid System

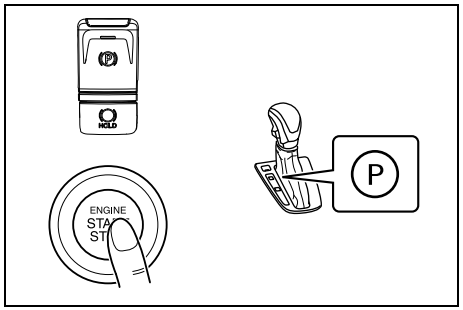
Manual Transmission model



55T050040

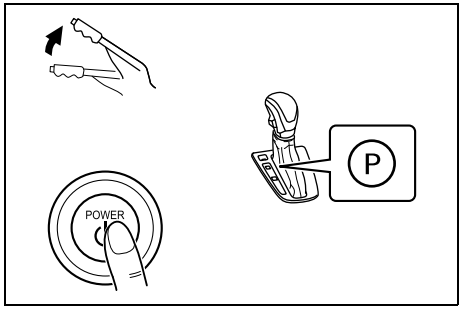
1) Check that the parking brake is set fully.
2) Turn off such loads as the headlights and air conditioning system to facilitate starting of the engine.
3) Shift into “N” (Neutral). Hold the clutch pedal and brake pedal fully depressed.
4) The “PUSH START SWITCH” message will appear in the information display in the instrument cluster.

Automatic Transmission model



55T050040

e-CVT model

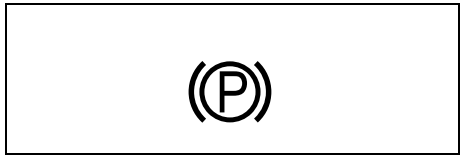


76TS50960

1) Check that the parking brake is set.
2) Turn off such loads as the headlights and air conditioning system to facilitate starting of the engine.

3) If the gearshift lever is not in “P” (Park) position, shift into “P” (Park). Hold the brake pedal fully depressed.
4) The “PUSH START SWITCH” message will appear in the information display in the instrument cluster.

Vehicles with electric parking brake

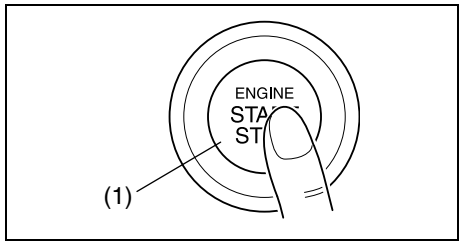


69TJ010130

Check that the electric parking brake operation indicator light is illuminated.

NOTE:
- *The hill hold control system is activated when the engine is restarted automatically.*
- *When engine restarts automatically, the electric parking brake may engage or disengage and interrupt the restarting process, and that is normal operation.*

The vehicle without the hybrid system



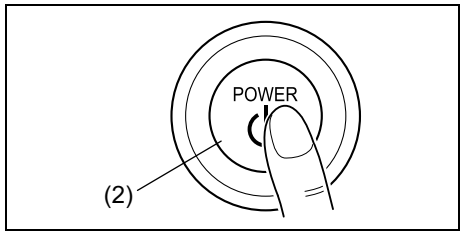
82K254

5) With your foot taken off the accelerator pedal, push the engine switch (1). When the engine is started, the starter motor will automatically stop.
   - Even if you fail to start the engine, the starter motor will stop turning automatically after approximately 12 seconds. In this case, press the engine switch to select LOCK (OFF) mode and restart the engine.
   - If there is a problem with the system, the engine will not start automatically even if the switch is pressed. In case the starter motor does not turn or stops immediately, start the engine by the following procedure.
     a. Press the engine switch to select the ON mode.
     b. Perform the above procedure 1) to 3).
     c. Keep the engine switch pressed until the engine starts. Release your finger from the engine switch after the engine has started.

NOTICE

- **If the engine does not start, press the engine switch to select LOCK (OFF) mode and wait for more than 30 seconds before trying again, for protection of a lead-acid battery and a starter motor. If the engine does not start after several attempts, consult Your Toyota Dealer.**
- **Do not try to start the engine by pushing or towing the vehicle, or coasting down a hill. This starting method could result in damage to the catalytic converter or damage to other parts.**

The vehicle with the hybrid system



76TS50950

6) With your foot taken off the accelerator pedal, push the power switch (2).
   - If there is a problem with the system, the hybrid system will not start automatically even if the switch is pressed.

NOTICE

- **Do not try to start the hybrid system by pushing or towing the vehicle, or coasting down a hill. This starting method could result in damage to the catalytic converter or damage to other parts.**
- **During normal driving, do not turn off the hybrid system. Turning the hybrid system off while driving will not cause loss of steering or braking control, however, power assist to the steering will be lost. This will make it more difficult to steer smoothly, so you should pull over and stop the vehicle as soon as it is safe to do so.**



76TS50970

7) When READY indicator in the meter is on, the hybrid system is working.

⚠ WARNING

For the vehicle with hybrid system:

- **When starting the hybrid system, always start the hybrid system while sitting in the driver's seat. Do not depress the accelerator pedal while starting the hybrid system under any circumstances. Doing so may cause an accident resulting in death or serious injury.**
- **If hybrid system failure occurs while the vehicle is moving, do not lock or open the doors until the vehicle reaches a safe and complete stop. Activation of the steering lock in this circumstance may lead to an accident, resulting in death or serious injury.**

NOTE:

- *You do not need to keep the engine switch or the power switch pressed to start the engine or the hybrid system.*
- *Manual transmission vehicles:*
  The engine of a manual transmission vehicle will not start unless the clutch pedal is depressed.
- *Automatic transmission vehicles:*
  Automatic transmission vehicles have a starter interlock device.
  - *When the vehicle is stopped and you try to start the engine for the first time with the ignition mode OFF, you can start the engine only in the gearshift lever in "P" position.*
  - *When you are driving the vehicle and press the engine switch to change the ignition mode to OFF, you can start the engine in the gearshift lever in "N" position.*
- *e-CVT vehicles:*
  e-CVT vehicles have a starter interlock device.
  - *When the vehicle is stopped and you try to start the hybrid system for the first time with the ignition mode OFF, you can start the hybrid system only in the gearshift lever in "P" position.*
  - *When you are driving the vehicle and press the power switch to change the ignition mode to OFF, you can start the hybrid system in the gearshift lever in "N" position.*
- *During the engine starting procedure or the hybrid system starting procedure, messages on the information display will help you. Refer to "Information display" in "INSTRUMENT CLUSTER" section for details.*
- *When the engine stalls in intersection and railway crossing etc., restart the engine by usual procedure.*
- *For the vehicle with the hybrid system:*
  - *When operating the power switch, one short, firm press is enough. It is not necessary to press and hold the switch. If the "READY" indicator turns on, the hybrid system will operate normally. Continue depressing the brake pedal until the "READY" indicator is illuminated. The hybrid system can be started from any power switch mode.*
  - *If the power switch is not pressed shortly and firmly, the power switch mode may not change or the hybrid system may not start.*
  - *If attempting to restart the hybrid system immediately after turning the power switch off, the hybrid system may not start in some cases. After turning the power switch off, please wait a few seconds before restarting the hybrid system.*
  - *If the hybrid system does not start, the immobilizer system may not have been deactivated. Consult Your Toyota Dealer.*
  - *During winter driving conditions, when starting the hybrid system, the flashing time of the "READY" indicator may be long. Leave the vehicle as it is until the "READY" indicator is steady on, as steady means the vehicle is able to move.*
  - *When the hybrid battery (traction battery) is extremely cold (below approximately −15°C [5°F]) under the influence of the outside temperature, it may not be possible to start the hybrid system. In this case, try to start the hybrid system again after the temperature of the hybrid battery increases due to the outside temperature increase, etc.*
  - *When starting the hybrid system, if the hybrid system becomes difficult to start, consult Your Toyota Dealer.*

Stopping Engine or Hybrid System

- Depress the engine switch or the power switch to stop the engine or the hybrid system after the vehicle stopped completely.
- If the engine remains stopped for a while after it was stopped unexpectedly or was raced before stopping, a clicking sound may be heard from around the engine when it is restarted. This is not a malfunction. Always let the engine idle before stopping it.

⚠ WARNING

Except in cases of emergency, do not stop the engine or the hybrid system while the vehicle is in motion. If you stop the engine or the hybrid system while the vehicle is in motion, the steering wheel will lock and you will not be able to steer the vehicle. This may result in an accident. Avoid stopping the engine or the hybrid system while driving.

NOTICE

Automatic transmission vehicles / e-CVT vehicles:
If you stop the engine or the hybrid system while the vehicle is in motion, the automatic transmission / e-CVT may be damaged. Avoid stopping the engine or the hybrid system while driving.

- For the vehicle with the hybrid system:
  If the hybrid system is stopped with the shift lever in a position other than P, the power switch will not be turned off. Perform the following procedure to turn the switch off:
  1. Check that the parking brake is set.
  2. Shift the shift lever to P.
  3. Check that “ON” of the ignition mode is displayed on the information display and press the power switch shortly and firmly.
  4. Check that “ACC” or “ON” of the ignition mode on the information display is off.

NOTICE

To prevent 12-volt battery discharge, do not stop the hybrid system when the shift lever is in a position other than P. If the hybrid system is stopped in another shift lever position, the power switch will not be turned off and remained to ON. If the vehicle is left in ON, battery discharge may occur.

Emergency Stop

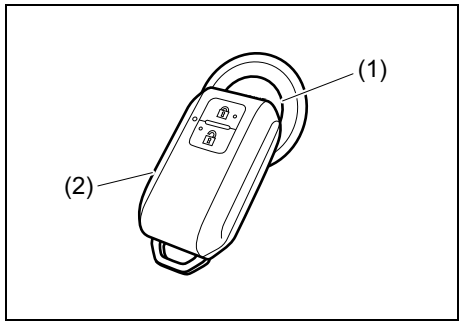
In case of emergency, you can stop the engine or the hybrid system by quickly pushing the engine switch or the power switch more than 3 times, or pushing and holding the engine switch or the power switch for more than 2 seconds while the vehicle is in motion.

NOTE:

- *Except in cases of emergency, do not stop the engine or the hybrid system while the vehicle is in motion. The steering and braking operation will require more effort when the engine or the hybrid system is stopped. Refer to "Braking" in this section.*
- *For the vehicle with the hybrid system: If the hybrid system has to be turned off while driving, power assist for the steering wheel will be lost, making the steering wheel heavier to turn. Decelerate as much as possible before turning off the hybrid system.*

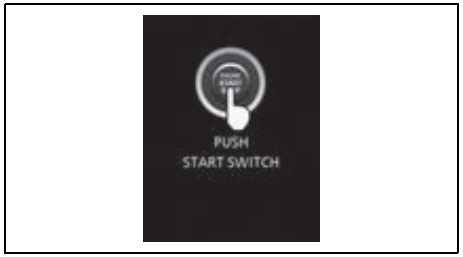
If the Master Warning Indicator Light ⚠ Blinks and the Engine or the Hybrid System cannot be Started

Your keyless push start system remote controller may not be sensed as being within the interior workable area (refer to the related explanation in this section). Try again after checking that you have the remote controller with you. If the engine or the hybrid system cannot be started, the battery of the remote controller may be discharged. To start the engine or the hybrid system, you must then use the following method:



76TS50930

1) Check that the gearshift lever is in "P" (Park) position and keep depressing the brake pedal fully.



52RM21220

2) If the following message is shown on the information display in the instrument cluster, press the engine switch or the power switch (1).



55T040100

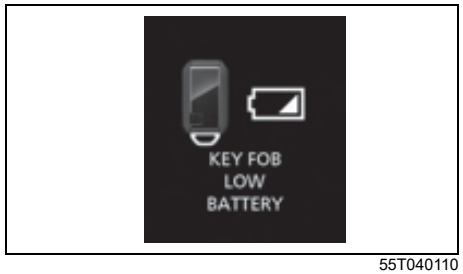
3) Within about 10 seconds while the master warning indicator light blinks and the information display in the instrument cluster shows the following message, touch the engine switch or the power switch with the lock switch end of the remote controller (2) for about 2 seconds.

While the master warning indicator light blinks, the immobilizer/keyless push system warning light will come on for about 5 seconds.

If you still cannot start the engine or the hybrid system, there may be the other problem such as the discharged lead-acid battery. In this case, consult Your Toyota Dealer.

NOTE:

- *You may customize the system to cause the interior buzzer to sound once for warning that remote controller is out of sensing range. For this customization, consult Your Toyota Dealer.*
- *If the battery of the remote controller is almost discharged, the information display in the instrument cluster shows the following message when you press the engine switch or the power switch to change the ignition mode to ON. Refer to "Information Display" in "INSTRUMENT CLUSTER" section for details. For details on replacing the battery, refer to "Keyless Push Start System Remote Controller" in "BEFORE DRIVING" section.*



55T040110

Returning Ignition Mode to LOCK (OFF)

Automatic transmission / e-CVT – To ensure safety, the ignition mode can be returned to LOCK (OFF) by pressing the engine switch or the power switch only when the gearshift lever is placed in "P" position without pressing the knob button.

NOTE:

In the case of an automatic transmission / e-CVT, the ignition mode cannot be returned to LOCK (OFF) position if the gearshift lever is in any other position than "P".

Certain problems such as a fault in engine system or the hybrid system may prevent the engine switch or the power switch from going back to LOCK (OFF) mode. If this happens, have the vehicle inspected by Your Toyota Dealer after doing the following:

- *Lock the doors using the key to prevent theft. (The request switches and the keyless push start system remote controller cannot be used to lock them.)*
- *Disconnect the negative cable from the lead-acid battery to prevent discharge.*

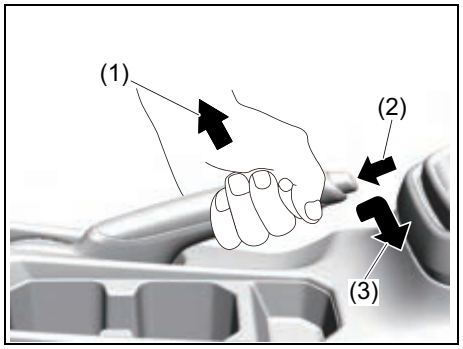
LOCK (OFF) mode reminder buzzer
If the driver's door is opened without returning the ignition mode to LOCK (OFF) by pressing the engine switch or the power switch, a buzzer sounds to warn you of this condition.

- If you open the driver's door after pressing the engine switch or the power switch to change the ignition mode to ACC, the interior buzzer beeps intermittently.
- The buzzer will stop sounding if you then push the engine switch or the power switch twice, thus bringing it back the ignition mode to LOCK (OFF).

NOTE:
Whenever you leave the vehicle, check that you have returned the ignition mode to LOCK (OFF) using the engine switch or the power switch and then lock the doors. Without returning the ignition mode to LOCK (OFF), you cannot use a request switch or keyless push start system remote controller to lock the doors.

Steering lock warning buzzer
If the steering lock fails to engage due to a fault in the system when the ignition mode is turned to LOCK (OFF) by pressing the engine switch or the power switch and any door (including the tailgate) is opened or closed, the interior buzzer will warn you of this condition with repeated short beeps. If this happens, have the vehicle inspected by Your Toyota Dealer.

Parking Brake Lever (if equipped)



76TS50070

(1) To set
(2) To release
(3) To release

The parking brake lever is located between the front seats. To set the parking brake, depress the brake pedal and pull the parking brake lever all the way up. To release the parking brake, depress the brake pedal and pull up slightly on the parking brake lever, push the button on the end of the lever with your thumb, and lower the lever to its original position.

For automatic transmission vehicles / e-CVT vehicles, always set the parking brake before moving the gearshift lever to “P” (PARK) position. If you park on an incline and shift into “P” before setting the parking brake, the weight of the vehicle may make it difficult to shift out of “P” or a sound and a shock may occur when you are ready to drive the vehicle. These are not malfunctions.

When preparing to drive the vehicle, move the gearshift lever out of “P” position before releasing the parking brake.

⚠ WARNING

- **Never drive your vehicle with the parking brake on: rear brake effectiveness can be reduced from overheating, brake life may be shortened, or permanent brake damage may result.**
- **If the parking brake does not hold the vehicle securely or does not fully release, have your vehicle inspected immediately by Your Toyota Dealer.**

(Continued)

⚠ WARNING

(Continued)

- **Always set the parking brake fully before leaving your vehicle or it may move, causing injury or damage. When parking, check that the gearshift lever is in one of the following positions:**
  - **– 1st gear or “R” (Reverse) for manual transmission vehicles.**
  - **– “P” (Park) for automatic transmission vehicles / e-CVT vehicles.**

  Remember, even though the transmission is in gear or in Park, you must set the parking brake fully.
- **When parking the vehicle in extremely cold weather, the following procedure should be used:**
  1) **Set the parking brake.**
  2) **Manual transmission – turn off the engine, then shift into reverse or first gear.**
     Automatic transmission / e-CVT – shift into “P” (Park) and turn off the engine.
  3) **Get out of the vehicle and put chocks under the wheels.**
  4) **Release the parking brake.**

  When you return to your vehicle, first set the parking brake, and then remove the wheel chocks.

(Continued)

⚠ WARNING

(Continued)

- **Do not leave cigarette lighters, spray cans, soft drink cans or plastic articles (such as glasses, CD cases, etc.) in sun-heated vehicle. The temperature inside the vehicle may cause as follows:**
  - **– Gas may leak from a cigarette lighter or spray can and may lead to a fire.**
  - **– The glasses, plastic cards or CD cases, etc. may deform or crack.**
  - **– Soft drink cans may fracture.**

NOTICE

When parking the vehicle on a slope, set the parking brake, shift the gearshift lever to P and make sure that the vehicle does not move, before you leave the vehicle.

Parking Brake Reminder Buzzer

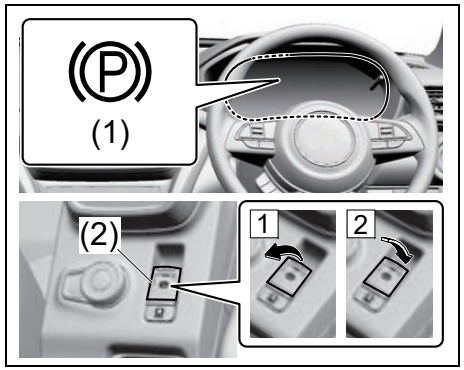
A buzzer sounds intermittently to remind you to release the parking brake if you start the vehicle without fully releasing the parking brake. Check that the parking brake is fully released and the brake system warning light turns off.

Electric Parking Brake (if equipped)

The parking brake can be applied and released automatically or manually.
When the electric parking brake (EPB) is in auto mode, the parking brake is applied automatically according to the position of the transmission.
Additionally, you can manually apply or release the parking brake even in auto mode.

How To Operate

You can manually apply or release the parking brake.



76TS051960

(1) Electric parking brake operation indicator light
(2) Electric parking brake switch

1) Pull the electric parking brake switch up gently and securely to apply the parking brake.
   – The electric parking brake operation indicator comes on. When you need to apply the parking brake while driving in emergency situation, pull the electric parking brake switch up continually.
2) Push the electric parking brake switch to release the parking brake.
   – Depress the brake pedal when you operate the switch.

Electric parking brake automatic releasing feature

- After releasing the electric parking brake, the electric parking brake operation indicator light turns off.
- When the electric parking brake operation indicator light blinks, push the electric parking brake switch again.

Setting Auto Mode to ON
Depress the brake pedal while parking and pull the electric parking brake switch until the buzzer sounds and the multi-information display shows the message to set the auto mode to ON.

When the auto mode is set to ON, the parking brake operates as follows:
- When you move the gearshift lever to P (Park) from any other position, the parking brake is applied and the electric parking brake operation indicator light comes on.
  To operate the gearshift lever, depress the brake pedal while parking.
- To release the parking brake, push the electric parking brake switch.
  – Push the electric parking brake switch while depressing the brake pedal.

Setting Auto Mode to OFF
Depress the brake pedal while parking and press and hold the electric parking brake switch until the buzzer sounds and the multi-information display shows the message to set the auto mode to OFF.

NOTE:
Parking brake operation
- *To release the parking brake, the ignition mode must be ON.*
- *To operate the auto mode, the ignition mode must be ON.*
- *It is normal that the brake pedal may move while the electric parking brake operation.*

Automatically releasing feature
The parking brake can be released by depressing the accelerator pedal when the vehicle circumstances meets a certain condition as following:
- *The driver's door is closed.*
- *The driver's seat belt is fastened.*
- *Engine warning lamp, brake warning lamp, and brake system warning lamp are off.*
- *The gearshift lever is in any position other than P (Park) or N (Neutral).*

Depress the accelerator pedal gently.
When the parking brake is not released by depressing the accelerator pedal, release it manually.

If the message "FREQUENT OPERATION TEMPORARILY DISABLED" is shown;
The electric parking brake system may restrict its operation for overheating prevention if the system is operated repeatedly in a short time. Please avoid to operate the switch, and the system will be return to normal state shortly.

If the message, "PARKING BRAKE INSPECTION REQUIRED" or "PARKING BRAKE UNAVAILABLE" is shown;
Operate the electric parking brake switch. Even if the message is shown continually, there may be a problem with the system. Have your vehicle inspected by Your Toyota Dealer immediately.

Parking brake operating noise
- *When the electric parking brake is operated (to be applied or released), an operating noise like motor sound may be heard. This is normal.*
- *When you keep pulling the switch up during emergency, a noise may be heard from the engine compartment along with pedal vibration. This is normal.*

About the electric parking brake operation indicator light
- *When the parking brake is applied, according to the ignition switch mode, the indicator comes on as follows;*
  ON mode: the indicator continually comes on until the parking brake released.
  Any Other mode than ON: the indicator comes on for about 15 seconds.
- *When LOCK mode is selected by pressing the engine switch, the indicator stays to come on for about 15 seconds. This is normal.*

When the electric parking brake switch malfunctions
The auto mode will be set to ON automatically.

Parking brake engaged warning buzzer
A buzzer sounds immediately and the message, "RELASE PARKING BRAKE" is shown on display if you drive the vehicle without fully releasing parking brake. (with vehicle reached a speed of 5 km/h [3 mph]).

⚠ WARNING

The performance of the parking brake is limited. The following conditions can cause the vehicle to start moving unexpectedly, resulting in an accident, serious injury, or death. Do not park on the following condition.
- **Parking on a steep slope.**
- **Parking on extremely slippery road.**

For Electric Parking Brake Switch:
If the parking brake is unexpectedly released and the car starts moving, an accident, serious injury or death may result. Do not place objects near the switch. Also, do not let children operate the switch.

⚠ CAUTION

When the lead-acid battery is running out;
- **You can not operate the electric parking brake.**

When you can not release the parking brake because of the system malfunction or problems;
- **Never drive your vehicle with the parking brake engaged. Doing so can reduce rear brake effectiveness due to overheating, shorten brake life, and potentially cause permanent brake damage.**
- **Have your vehicle inspected immediately by Your Toyota Dealer.**

NOTE:
When parking the vehicle;
Apply the parking brake, shift the gearshift lever to P and make sure that the vehicle does not move, before you leave the vehicle.

When malfunction occurs in the system;
Immediately stop in a safe place and check the warning indicators and messages.

When the brake system warning light (yellow color) turns on;
Refer "Brake System Warning Light (yellow color) (if equipped)" in "INSTRUMENT CLUSTER".

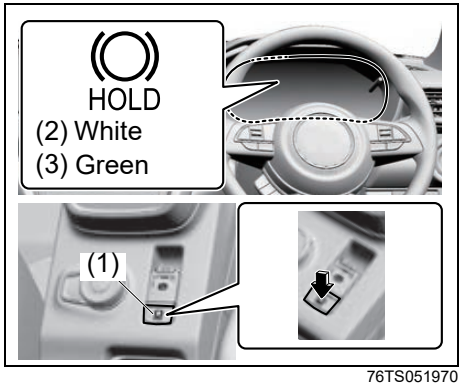
For instruction on using the electric parking brake in winter;
Refer "Parking Brake Precautions in Cold Weather" in "INSPECTION AND MAINTENANCE".

Brake Hold (if equipped)

When the gearshift lever is in D or N and the brake hold system is turned on, the system keeps the brake applied after releasing the brake pedal.
When the gearshift lever is in D, the system is released by depressing the accelerator pedal and you can start to drive the vehicle smoothly.

Turning on the system

When the system is turned on by pressing the brake hold switch (1), the brake hold standby system indicator light (2) comes on. The brake hold operation indicator light (3) turn on while the brake is being held.



76TS051970

(1) Brake hold switch
(2) Brake hold standby indicator light (white color)
(3) Brake hold operation indicator light (green color)

NOTE:
System activation conditions
You can not turn the system on in the certain conditions as following;
- *The driver's door is not closed firmly.*
- *The driver's seat belt is unfastened.*
- *The messages, "PARKING BRAKE INSPECTION REQUIRED" and/or "BRAKE HOLD INSPECTION REQUIRED", are shown on the display.*

When the brake hold system detects any of the situations listed above, the brake hold standby indicator light (white color) (2) goes off.

If any of the above conditions are detected while the brake hold system is active, the system will turn OFF, the brake hold operation indicator light (green color) (3) will go off and a message "PARKING BRAKE AUTO ACTIVATED" will be displayed on the multi-information display along with a warning buzzer sound, and the parking brake will be applied automatically.

About brake hold
- *If the brake pedal is not depressed for about three minutes while the brake hold system is active, the parking brake is applied automatically and a message will be displayed along with a buzzer sound.*
- *When driving the vehicle on a slope, the brake hold system may not activate, and you will need to depress the brake pedal. At the same time, a message will be displayed along with a warning buzzer sound. Follow the instructions shown on the display.*
- *To turn off the system while it is active, depress the brake pedal and press the brake hold switch again.*

When the parking brake applied automatically while the system holding the brake;
Release the parking brake when starting the vehicle by performing one of the following operations:
- *Move the gearshift lever into a position other than P or N with the driver's seat belt fasten, driver door closed and depress the accelerator pedal.*
- *Release the parking brake manually by pushing the electric parking brake switch while depressing the brake pedal.*

After complete one of the procedures, make sure to check that the electric parking brake operation indicator goes off.
Refer to "Electric Parking Brake (if equipped)" in this section.

When your vehicle needs to be inspected at Your Toyota Dealer;
If the brake hold standby indicator light (2) does not come on by pressing the brake hold switch under the proper operating condition, there may be some problem with the system. Have your vehicle inspected by Your Toyota Dealer immediately.

If the message "BRAKE HOLD INSPECTION REQUIRED" is shown;
There may be some problem with the system. Have your vehicle inspected by Your Toyota Dealer immediately.

About the brake hold system operation
When you depress the brake pedal while the system holding the brake, you feel that the pedal is heavier than usual. This is normal.

Warning messages and buzzers
Warning messages and buzzers are used to indicate a system malfunction or to inform the driver of the need for caution. If a warning message is shown in the multi-information display, read the message and follow the instructions.

⚠ WARNING

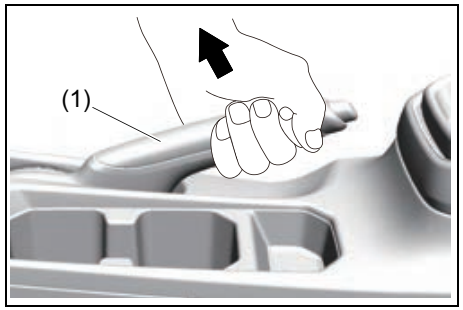
- **Driving on a steep hill**
  Be careful to use the brake hold system when you drive on a steep hill. The system may not be able to hold the brake on a steep hill so that the vehicle may start moving unexpectedly.
- **Driving on a slippery road**
  The system can not keep holding the brake beyond the tyre grip performance limit. Avoid driving on a slippery road.
- **Parking the vehicle**
  The brake hold system is not a feature for parking the vehicle for long time.
  When you change the ignition mode to LOCK (OFF) while the system activating, the brake is released from the hold so that the vehicle may start moving unexpectedly.
  When you change the ignition mode to LOCK (OFF), depress the brake pedal firmly, shift to "P" (Park), and apply the parking brake.

Precaution for Parking

Apply the parking brake firmly

When parking the vehicle on a flat place

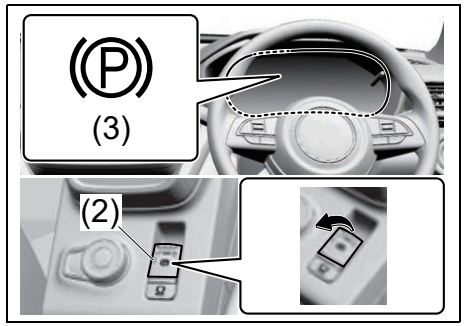
1) For vehicles with the parking brake lever, depress the brake pedal and pull the parking brake lever (1) to securely apply the parking brake.



76TS50071

(1) Parking brake lever

For vehicles with the electric parking brake, depress the brake pedal and pull the electric parking brake switch (2) to apply the parking brake. Ensure the electric parking brake operation indicator light (3) comes on.



76TS051961

(2) Electric parking brake switch
(3) Electric parking brake operation indicator light

2) For vehicles with automatic transmission or e-CVT, move the gearshift lever into "P" (Park) position.
   For vehicles with manual transmission, move the gearshift lever into "R" (Reverse) or 1st gear position.
   - Slowly release your foot from the brake pedal and check that the vehicle does not move.

⚠ CAUTION

If you are using the parking brake during cold weather, sometimes it might become frozen and impossible to release the parking brake. In this case, avoid parking on a slope and park in a flat place instead.

NOTE:
For vehicles with automatic transmission or e-CVT
Even when parking the vehicle for a short time in a flat place, shift the gearshift lever into "P" (Park) position.

When parking the vehicle on a slope
Perform step 1) and 2), which are written in "When parking the vehicle on a flat place".

3) Secure the vehicle by putting a commercially- available wheel chock or a rock, etc. under the tyres so that the vehicle does not move.

⚠ WARNING

Avoid parking on a steep slope.
There is a risk of the vehicle accidentally moving without a driver, leading to a potential accident.

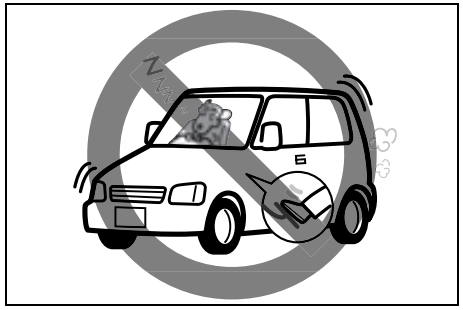
When Moving the Vehicle

When moving the vehicle, start the engine.

⚠ WARNING

If you coast with the engine off, stronger force than normal is required when turning the steering wheel or depressing the brake pedal, resulting in an accident.
Do not coast on a downhill slope with the engine off.

When Taking a Nap in the Vehicle



69RHS172

Do not take a nap in the vehicle with the engine running.

⚠ WARNING

- **Exhaust gases can enter the vehicle due to surrounding conditions and wind direction, possibly causing carbon monoxide poisoning.**
- **The gearshift lever could change unintentionally, or the accelerator pedal could be depressed accidentally, causing an accident.**
- **If you were to accidentally step on the accelerator pedal while you are asleep, the engine and the exhaust system could overheat, resulting in danger of fire.**

With the Engine Running, the Cooling Fan (Radiator Fan) may Rotate Suddenly

The cooling fan (radiator fan) in the engine compartment may automatically stop and rotate depending on the conditions of the engine coolant temperature.

⚠ WARNING

- **If you get close to a rotating cooling fan (radiator fan), your hands, hair and clothing may get caught in it, resulting in personal injury. With the engine running, even when the cooling fan (radiator fan) stops, it may automatically rotate. Therefore, do not get close to the cooling fan (radiator fan).**
- **For the vehicle with hybrid system: After the hybrid system has been turned off, check that the "READY" indicator is off. When the hybrid system is operating, the gasoline engine may automatically start, or the cooling fan may suddenly operate even if the gasoline engine stops. Do not touch or approach rotating parts such as the fan, which may lead to fingers or clothing (especially a tie, a scarf or a muffler) getting caught, resulting in serious injury.**

Do not Park the Vehicle Near Flammable Materials

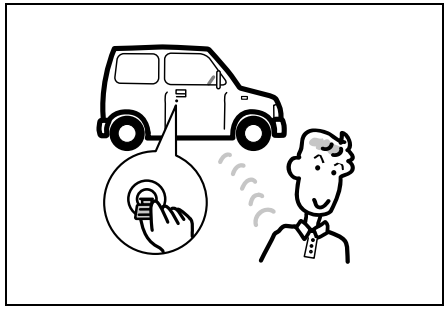


69RHS174

⚠ WARNING

If you park the vehicle near flammable materials, the exhaust pipes and exhaust gas will get hot, resulting in danger of fire.
Do not park the vehicle near flammable materials such as dry grass, paper waste and plywood.

When Leaving the Vehicle, Stop the Engine and Lock Doors



69RHS054

Even when leaving the vehicle for a short time, do not leave cash or valuables inside, as there is a risk of theft.

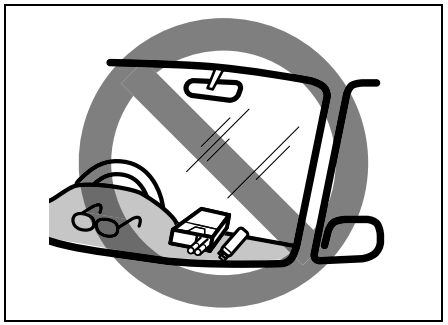
⚠ WARNING

If you leave the vehicle unattended with the engine running, problems such as fire or theft can occur.
Do not leave the vehicle unattended with the engine running.

Do not Leave the Computer and the Mobile Phone in the Vehicle

There is the possibility of theft, or these items could become damaged due to moisture, humidity or temperature change.

Do not Leave Lighters and Eyeglasses in the Vehicle



69RHS175

⚠ WARNING

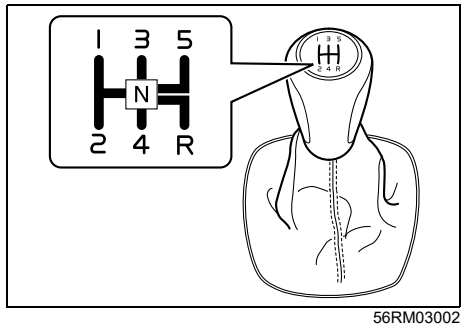
- **As the inside of the vehicle becomes hotter when parking in areas where strong sunlight causes increased temperature, there is the danger of spontaneous ignition of lighters or spray cans, fire due to explosion, the deformation or cracking of eyeglasses, plastic cards or CD cases, or the rupture of carbonated beverage cans. When parking in those areas, do not leave lighters, spray cans, plastic products (eyeglasses, plastic cards, CD cases, etc.) or carbonated beverage cans in the vehicle.**
- **When items get pushed around or when the seats are moved, it is possible that gas could escape and lead to a fire. Do not place accessories such lighters or spray cans with exposed operating parts in the glove box, in storage compartments, between the seats, on the floor, etc.**

Using Transmission

⚠ WARNING

Do not hang any items on the gearshift lever and do not use the gearshift lever as a handrest. Otherwise, it could prevent proper operation of the gearshift lever and cause its malfunction, resulting in an accident.

Manual Transmission



56RM03002

Starting off

To start off, depress the clutch pedal all the way to the floor and shift into 1st gear. After releasing the parking brake, gradually release the clutch. When you hear a change in the engine's sound, slowly press

the accelerator while continuing to gradually release the clutch.

Shifting
All forward gears are synchronized and provide quiet and easy shifting. Always depress the clutch pedal all the way to the floor before shifting gears. Keep the engine speed from rising into the red zone of the tachometer.

Downshifting maximum allowable speeds

For K15C engine models (2WD)

Downshifting	km/h (mph)
2nd to 1st	20(12)
3rd to 2nd	80 (49)
4th to 3rd	115 (71)
5th to 4th	150 (93)*

For K15C engine models (4WD)

Downshifting	km/h (mph)
2nd to 1st	20(12)
3rd to 2nd	75 (46)
4th to 3rd	110 (68)
5th to 4th	150 (93)*

**NOTE:*
You may not accelerate to the maximum allowable speed because of the driving situation and/or the vehicle condition.

⚠ WARNING

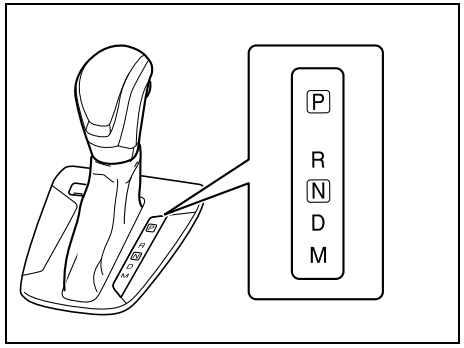
- **Reduce your speed and downshift to a lower gear before going down a long or steep hill. A lower gear will allow the engine to provide braking. Avoid riding the brakes or they may overheat, resulting in brake failure.**
- **When driving on slippery roads, slow down before downshifting. Excessive and/or sudden changes in engine speed may cause loss of traction, which could cause you to lose control.**

NOTICE

- **Do not downshift to a lower gear at the speed faster than the maximum allowable speeds for the next lower speed, or severe damage to engine and transmission can result.**
- **Check that the vehicle is completely stationary before you shift into reverse.**
- **To help avoid clutch damage, do not use the clutch pedal as a footrest while driving or use the clutch to keep the vehicle stationary on a slope. Depress the clutch fully when shifting.**
- **When shifting or starting off, do not race the engine. Racing the engine can shorten engine life and cause negative effect to smooth shifting.**

6-speed Automatic Transmission

Gearshift lever



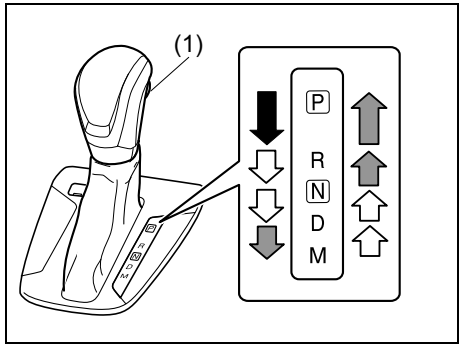
76TS50120

The gearshift lever is designed so that it cannot be shifted out of “P” position unless the ignition mode is ON and the brake pedal is depressed.

⚠ WARNING

Always depress the brake pedal before shifting from “P” (Park) (or “N” (Neutral) if the vehicle is stationary) to a forward or reverse gear, to help prevent the vehicle from moving unexpectedly when you shift.

The gearshift lever has a lock mechanism to help prevent accidental shifting. Shift the gearshift lever as follows:



76TS50140

(1) Knob button

⬇	Shift with the knob button (1) pushed in and the brake pedal depressed.
⇧⇩	Shift with the knob button (1) pushed in.
⇧⇩	Shift without the knob button (1) pushed in.

NOTE:

- *Always shift the gearshift lever without pushing in the knob button (1) except when you shift from “P” to “R”, from “D” to “M” or “L”, from “N” to “R” or from “R” to “P”. If you always push in the knob button (1) when shifting the gearshift lever, you could shift into “P”, “R”, “M” or “L” by mistake.*
- *If driver’s or passenger’s knee hits the gearshift lever while driving, the lever could move and the gear could be changed unexpectedly.*

Use the gearshift lever positions as described below:

P (Park)
Use this position to lock the transmission when the vehicle is parked or when starting the engine. Shift into Park only when the vehicle is completely stationary.

R (Reverse)
Use this position to reverse the vehicle from stop. Make sure that vehicle is completely stationary before shifting into Reverse.

NOTICE

Do not shift the gearshift lever into “R” while moving forward, or the transmission may be damaged. If you shift into “R” when the vehicle speed is over 10 km/h (6 mph), the transmission will not shift into reverse.

N (Neutral)
Use this position for starting the engine if the engine stalls and you need to restart it while the vehicle is moving. You may also shift into Neutral and depress the brake pedal to hold the vehicle stationary during idling.

D (Drive)
Use this position for all normal driving.

With the gearshift lever in “D” range you can get an automatic downshift by pressing the accelerator pedal. The higher the vehicle speed is, the more you need to press the accelerator pedal to get a downshift.

M (manual mode)
Use this position for driving in the manual mode. Refer to “Manual mode” later in this section for details on how to use the manual mode.

NOTE:
If you move the gearshift lever to a lower gear while driving faster than the maximum allowable speed for the lower gear, the transmission will not actually downshift until your speed drops below the maximum speed for the lower gear.

⚠ CAUTION

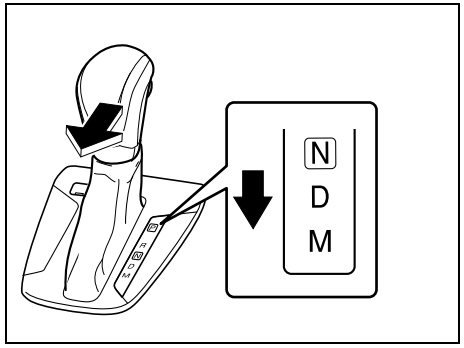
If you cannot press the engine switch firmly, the engine may not start.
Even if you shift the gearshift lever into “R” or “D” position without the engine running, the vehicle does not move.
If you try to move your vehicle under the above-mentioned condition, the vehicle may move in unexpected directions on a slope, etc. This may cause an accident. When starting the engine, press the engine switch firmly. Also, make sure that the engine is running by checking engine sound or warning and indicator lights.

NOTICE

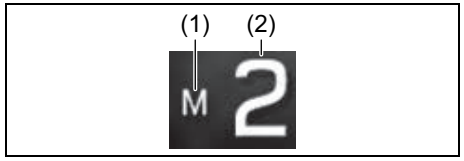
Be sure to take the following precautions to help avoid damage to the automatic transmission:
- **Make sure that the vehicle is completely stationary before shifting into “P” or “R”.**
- **Do not shift from “P” or “N” to “R”, “D” or “M” when the engine is running above idle speed.**
- **Do not rev the engine with the transmission in a drive position (“R”, “D” or “M”) and the front wheels not moving.**
- **Do not use the accelerator to hold the vehicle on a hill. Use the vehicle’s brakes.**

NOTE:
When you shift the gearshift lever into “P” and stop the engine before applying the parking brake, if you try to restart the engine and shift the gearshift lever into the position other than “P”, it may reduce gearshift lever capability, or unusual sound and shock may occur. However, this is not abnormal.

Manual mode
The automatic transmission can shift gears automatically. When using the manual mode, you can shift gears in the same manner as conventional manual transmission.
To use the manual mode, shift the gearshift lever from “D” to “M”.



76TS50160



52RM30030

(1) Manual mode indicator
(2) Gear position

The information display shows the manual mode indicator and the current gear position.

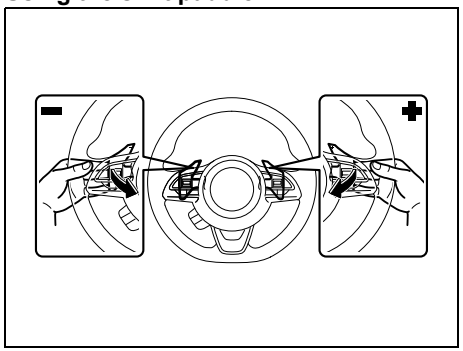
NOTE:
- *The indicated gear position in the information display when you shift from “D” to “M” is the gear position that was selected automatically when the gearshift lever was in “D”.*
- *You can change to the manual mode temporarily by pulling the shift paddle on the steering wheel toward you when the gearshift lever is in “D”.*

Shifting in the manual mode
You can shift gears from 1st to 6th depending on driving speed.

NOTE:
- *When the engine is revved, the gear is shifted up automatically to prevent damage to the engine and the transmission.*
- *When the driving speed becomes slow, the gear shifts down automatically, and when the vehicle stops, the gear position will be in 1st gear without shifting the gearshift lever.*
- *If you depress the accelerator pedal a certain amount, the gear shifts down automatically even if the gearshift lever is in the manual mode.*

NOTE:
When you change gear, sometimes the transmission may not shift to the desired gear but a buzzer sounds instead. This is to maintain good driveability and to protect the transmission.

Using the shift paddle



52RM30280

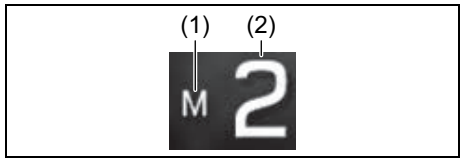
To shift up, pull “+” side shift paddle, located on right side of the steering wheel, toward you. When you release your finger from the switch, the switch will return to the original position.

To shift down, pull “–” side shift paddle, located on left side of the steering wheel, toward you. When you release your finger from the switch, the switch will return to the original position.

NOTE:
- *To shift gears continuously, release your finger from the shift paddle, then pull the shift paddle again. You cannot shift gears continuously while holding the shift paddle toward you.*
- *When you pull the both "+" and "–" shift paddle simultaneously, the gear may not shift.*

Canceling the manual mode
To cancel the manual mode, shift the gearshift lever from "M" to "D".

Temporary manual mode
Pull the shift paddle toward you when driving with the gearshift lever in "D". The information display shows the manual mode indicator and the current gear position.

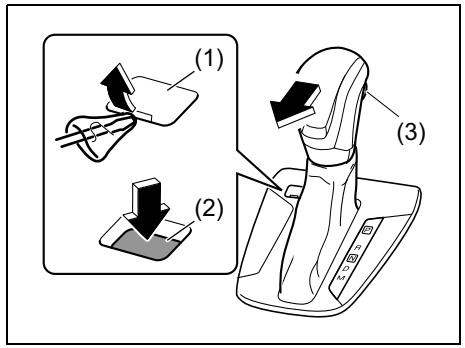


52RM30030

(1) Manual mode indicator
(2) Gear position

The temporary manual mode will be canceled automatically in the following situations.
- When you press and hold the accelerator pedal for a certain period of time without shifting gears.
- When driving speed becomes slow.

If you cannot Shift Automatic Transmission Gearshift Lever out of "P" (PARK)



76TS50190

The automatic transmission vehicles have an electrically operated park-lock feature. If the vehicle's lead-acid battery is discharged, or there is some other electrical failure, the automatic transmission cannot be shifted out of Park in the normal way. Jump starting may correct the condition. If not, follow the procedure described below. This procedure will permit shifting the transmission out of Park.

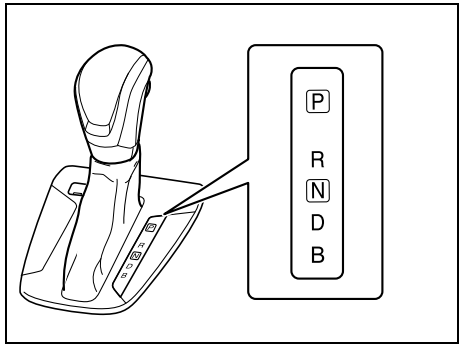
1) Be sure the parking brake is firmly applied.
2) If the engine is running, stop the engine.
3) Make sure the ignition mode is ON or ACC.

4) Remove the cover (1) by using a flat-bladed screwdriver covered with a soft cloth as shown.
5) With the release button (2) pushed by the key or the flat end rod, push the knob button (3) and shift the gearshift lever to the desired position.

This procedure is for emergency use only. If repeated use of this procedure is necessary, or the procedure does not work as described, take the vehicle to Your Toyota Dealer for repair.

Continuously Variable Transmission (e-CVT)

Gearshift lever



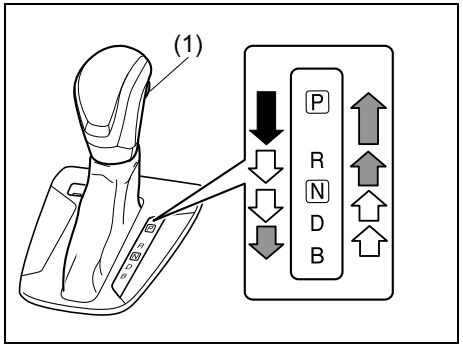
76TS50200

The gearshift lever is designed so that it cannot be shifted out of “P” position unless the ignition mode is ON and the brake pedal is depressed.

⚠ WARNING

Always depress the brake pedal before shifting from “P” (Park) (or “N” (Neutral) if the vehicle is stationary) to a forward or reverse gear, to help prevent the vehicle from moving unexpectedly when you shift.

The gearshift lever has a lock mechanism to help prevent accidental shifting. To shift the gearshift lever:



76TS50210

(1) Knob button

⬇	Shift with the knob button (1) pushed in and the brake pedal depressed.
⇧⇩	Shift with the knob button (1) pushed in.
⇧⇩	Shift without the knob button (1) pushed in.

NOTE:
- *Always shift the gearshift lever without pushing in the knob button (1) except when you shift from "P" to "R", from "D" to "B", from "N" to "R" or from "R" to "P". If you always push in the knob button (1) when shifting the gearshift lever, you could shift into "P", "R" or "B" by mistake.*
- *If driver's or passenger's knee hits the gearshift lever while driving, the lever could move and the gear could be changed unexpectedly.*

Use the gearshift lever positions as described below:

P (Park)
Use this position to lock the transmission when the vehicle is parked or when starting the engine or the hybrid system. Shift into Park only when the vehicle is completely stationary.

R (Reverse)
Use this position to reverse the vehicle from stop. Make sure that vehicle is completely stationary before shifting into Reverse.

NOTICE

Do not shift the gearshift lever into "R" while moving forward, or the transmission may be damaged. If you shift into "R" when the vehicle speed is over 10 km/h (6 mph), the transmission will not shift into reverse.

N (Neutral)
In this position, the power is not transmitted.

D (Drive)
Use this position for all normal driving.

B (Braking)
Use this position to provide engine braking when going down steep hills.

⚠ CAUTION

If you cannot press the power switch firmly, the hybrid system may not start.
Even if you shift the gearshift lever into "R" or "D" position without the hybrid system ready, the vehicle does not move.
If you try to move your vehicle under the above-mentioned condition, the vehicle may move in unexpected directions on a slope, etc. This may cause an accident. When starting the hybrid system, press the power switch firmly. Also, make sure that the hybrid system is ready to be activated by checking a short beep and the indicator light.

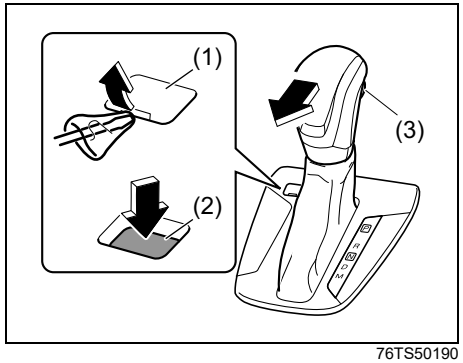
NOTICE

Be sure to take the following precautions to help avoid damage to the e-CVT:
- **Make sure that the vehicle is completely stationary before shifting into "P" or "R".**
- **Do not shift from "P" or "N" to "R", "D" or "B" when the engine is running (the hybrid system is operating) above idle speed.**
- **Do not rev the engine with the transmission in a drive position ("R", "D" or "B") and the front wheels not moving.**
- **Do not use the accelerator to hold the vehicle on a hill. Use the vehicle's brakes.**

NOTE:

- *When you shift the gearshift lever into "P" and stop the engine before applying the parking brake, if you try to restart the engine and shift the gearshift lever into the position other than "P", it may reduce gearshift lever capability, or unusual sound and shock may occur. However, this is not abnormal.*
- *If the gearshift lever is in "N", the hybrid battery (traction battery) will not be charged even when the engine is running. Therefore, if the vehicle is left with the gearshift lever in "N" for a long period of time, the hybrid battery (traction battery) will discharge, and this may result in the vehicle not being able to start.*
- *The charge of the hybrid battery (traction battery) has become low due to the shift position being left in "N" for a long time.*
  - *– As the hybrid battery (traction battery) cannot be charged with the "N" position selected, when stopping the vehicle for a long period of time, shift the gearshift position to "P".*
  - *– If the "READY" indicator is not illuminated, shift the gearshift position to "P" and restart the hybrid system.*

If You cannot Shift e-CVT Gearshift Lever out of "P" (PARK)



76TS50190

Vehicles with e-CVT have an electrically operated park-lock feature. If the vehicle's lead-acid battery is discharged, or there is some other electrical failure, the e-CVT cannot be shifted out of Park in the normal way. Jump starting may correct the condition. If not, follow the procedure described below. This procedure will permit shifting the transmission out of Park.

1) Be sure the parking brake is firmly applied.
2) If the engine is running, stop the engine.
3) Make sure the ignition mode is ON or ACC.
4) Remove the cover (1) by using a flat-bladed screwdriver covered with a soft cloth as shown.
5) With the release button (2) pushed by the key or the flat end rod, push the knob button (3) and shift the gearshift lever to the desired position.

This procedure is for emergency use only. If repeated use of this procedure is necessary, or the procedure does not work as described, take your vehicle to Your Toyota Dealer for repair.

Gearshift Indicator (if equipped)



72RH4027

In the following cases, the gearshift indicator is indicated on the information display when the ignition mode is “ON”.

- When the gearshift lever is in a position other than “N” (Neutral).
- For vehicles equipped with the cruise control, when the system is not in use.

The electronic control system monitors driving condition (such as vehicle speed and/or engine revolution), and it shows which gear position is optimal for your driving with the indication on the display.

If UP/DOWN arrow and the gear position other than currently selected are indicated on the display while driving, we recommend you to shift up or down the gear to indicated position. It is the optimal gear position for a driving condition that reduces the over revolution and stress to the engine, and improves fuel consumption.

For details on how to use the transmission, refer to “Using the Transmission” in this section.

⚠ WARNING

The gearshift indicator is designed to indicate optimal gear position for your driving, however, a driver will not be relieved from the duty of care of driving operation or gear change with this indicator.
To drive safe, do not gaze the gearshift indicator, pay attention to your driving situation and shift up or down if necessary.

NOTE:

- *The gearshift indicator is not indicated when the gear position is in “N” (Neutral).*
- *If you depress the clutch pedal while UP/DOWN arrow is indicated, the indication will disappear.*
- *In ordinary driving, UP arrow will disappear when you release your foot from the accelerator pedal.*
- *The indication of gearshift indicator timing may differ depending on the vehicle condition and/or driving situation even in the same vehicle speed and engine revolution.*
- *If any of the electrical systems such as the ESP® is working, the gearshift indicator will disappear temporarily.*

Example of the gearshift indicator

Indication	Description
	Lower gear position is selected for the vehicle speed and/or engine revolution. Changing to a higher gear position is recommended. • In this case, shifting up to 4th gear position is recommended.
	Current gear position is optimal for the vehicle speed and/or engine revolution. • In this case, 3rd gear position is the best.
	Higher gear position is selected for the vehicle speed and/or engine revolution. Changing to a lower gear position is recommended. • In this case, shifting down to 2nd gear position is recommended.

NEO DRIVE (if equipped)

NEO DRIVE has an Integrated Starter Generator (ISG) instead of conventional generator to get a better fuel consumption.

Integrated Starter Generator (ISG) is a generator which incorporates a motor function.

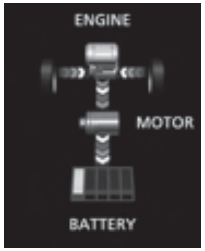
The ISG has the following 3 functions.
- Deceleration energy regenerating function
- Engine power assist function
- Starter motor function

⚠ WARNING

Dripping engine oil, brake fluid and coolant, etc. to the ISG may cause a fire or malfunction. Do not spill them when pouring.

Deceleration Energy Regenerating Function

Instrument cluster (Type A)



76TS50980

Instrument cluster (Type B)



76TS50985

While decelerating your vehicle, the ISG generates electricity without engine power. This reduces engine loads and improves fuel consumption.

While decelerating your vehicle, deceleration energy regenerating function will be activated when the following conditions are satisfied.

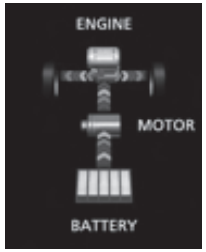
- Gearshift lever is not in “N” (Neutral).
- Clutch pedal is not depressed.
- Inside temperature of lead-acid battery is in normal condition.
- Lithium-ion battery is not fully charged and inside temperature is in normal condition.

etc.

NOTE:
The deceleration energy regenerating function may not work depending on vehicle conditions.

Engine Power Assist Function

Instrument cluster (Type A)



76TS50990

Instrument cluster (Type B)



76TS50995

While the vehicle is running, ISG assists engine power as a motor in the following limited condition. This reduces engine loads and improves fuel consumption.

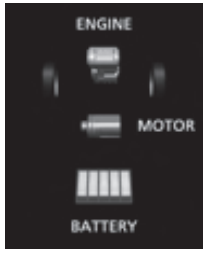
While the vehicle is running with the engine speed at approximately 3900 rpm or less, engine power assist function will be activated when all of the following conditions are satisfied.

- NEO DRIVE system and ENG A-STOP system are working properly. (ENG A-STOP OFF indicator light is not blinking.)
- Clutch pedal is not depressed.
- ESP® is not activated.
- Accelerator pedal is excessively depressed.
- Lead-acid battery and lithium-ion battery are fully charged and each inside temperature is in normal condition.
- Engine coolant temperature is in normal condition.
- ISG inside temperature is in normal condition.

NOTE:
The engine power assist function may not work depending on vehicle conditions.

Starter Motor Function

Instrument cluster (Type A)



76TS51000

Instrument cluster (Type B)



76TS51005

After the engine auto stop by the ENG A-STOP system, the engine will be restarted using a cranking power of the ISG.

The starting with the ISG is quiet compared with starting by the conventional starter motor.

NOTE:
When you restart the engine by pushing the engine switch, the conventional starter motor is used and you will hear a gear engagement sound.

Lithium-ion Battery Indication

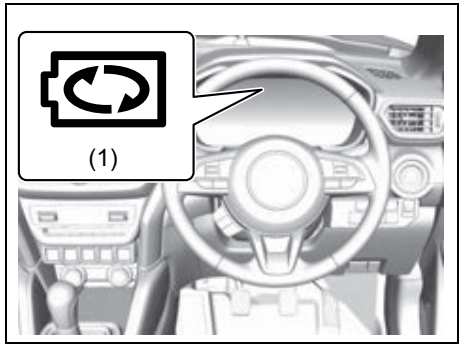


76TS51010

The segments in the lithium-ion battery indicator (1) give an approximate indication of the charge of the lithium-ion battery. The number of segments that appear in the indication increases or decreases with the charge of the lithium-ion battery.

NOTE:
The indicator gives an approximate indication. The indication may be delayed or differ from the actual charge of the lithium-ion battery under certain conditions, for example, when the outside temperature is low.
Also, the minimum segment is 1 bar and the bar will never be 0. Even when 1 bar is shown, the battery level may be close to be flat.

Deceleration Energy Regenerating Indicator Light



76TS50780

When the deceleration energy regenerating function is working, the deceleration energy regenerating indicator light (1) comes on.

NOTE:
If the gearshift lever is in the "N" (Neutral) position, this light does not come on.

ENG A-STOP OFF Light



52RM30461

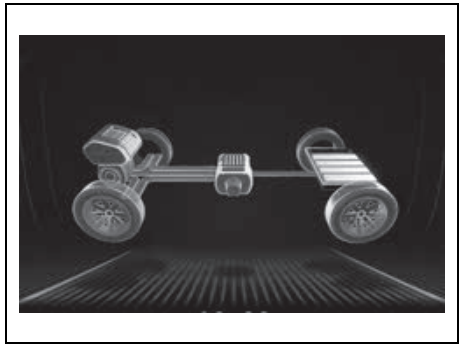
If this indicator blinks when driving, there may be something wrong with the ENG A-STOP system or the NEO DRIVE system. You should have the system inspected by Your Toyota Dealer.

Hybrid System (if equipped)

For details, refer to “Hybrid system features (if equipped)” in “FOR SAFE DRIVING” section.

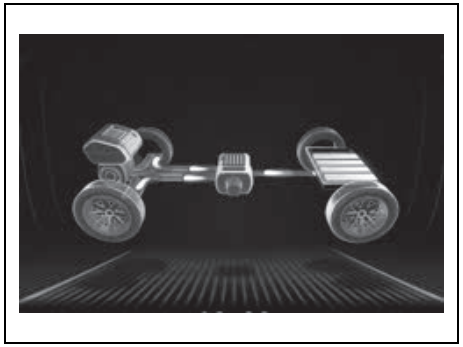
Energy flow indicator (if equipped)
With the energy flow indicator in the instrument cluster, you can check the energy flow among the engine, the lithium-ion battery and the tyres.

Each color indicates the following information.
- Orange: Energy flow of the engine
- Blue: Energy flow between the tyres and the motor
- White: Energy flow between the battery and the motor:



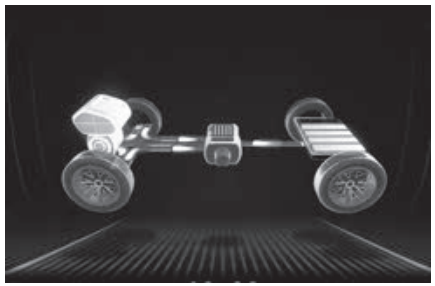
76TS51040

- There is no energy flow.



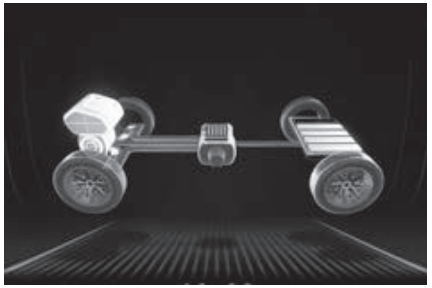
76TS51050

- The vehicle is running by the energy of the lithium-ion battery.
  (Displayed by blue and white)



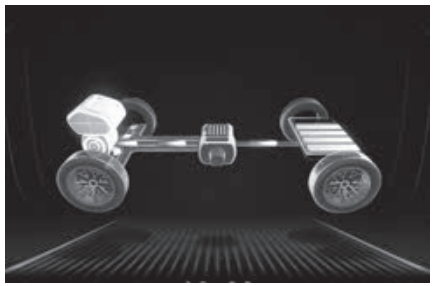
76TS51070

- The vehicle is running by the energy of both the engine and the lithium-ion battery.
  (Displayed by blue, orange and white)



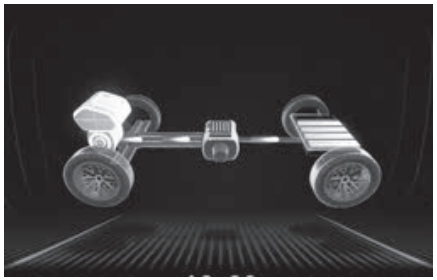
76TS51020

- The vehicle is running by the energy of the engine.
  (Displayed by orange)



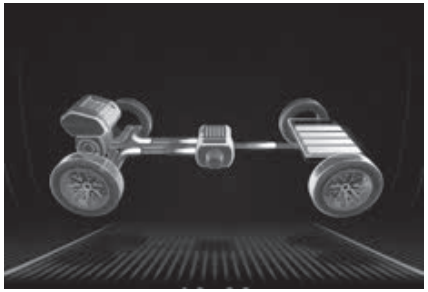
76TS51030

- The vehicle is running and the battery is charged by the energy of the engine.
  (Displayed by orange and white)



76TS51060

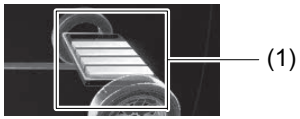
- The lithium-ion battery is charged by the energy of the engine.
  (Displayed by orange and white)



76TS51080

- The lithium-ion battery is charged by the deceleration energy regeneration function.
  (Displayed by blue and white)

Battery indicator



76TS51090

The segments in the battery indicator (1) give an approximate indication of the charge of the lithium-ion battery.

Acoustic Vehicle Alerting System (if equipped)

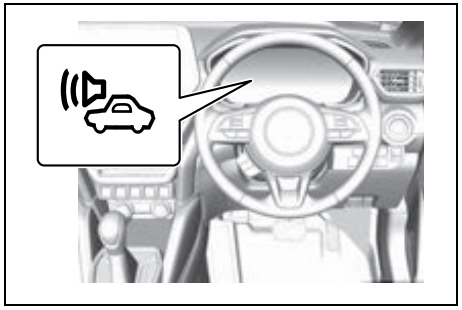
When the vehicle is driven using the electric motor (traction motor) at a speed of approximately 23 km/h or less, an alarm is sounded to alert those around the vehicle to its approach.

The alarm may be difficult for people around you to hear when there is a lot of noise around you, or when there is heavy rain or strong winds. Also, because the vehicle approach notification device is mounted in front of the vehicle, it may be difficult to hear the rear of the vehicle compared to the front of the vehicle. The alarm may also be heard in the vehicle while the vehicle is in motion, but this is not a malfunction because the sound is intended to inform people around the vehicle that it is approaching.

⚠ WARNING

Even if the alarm sounds, you may not notice the approach of the vehicle if the surrounding noise is loud, so drive carefully.

Acoustic Vehicle Alerting System Warning Light



76TS05003

When the power switch is pressed to change the ignition mode to “ON”, this light comes on briefly so you can check that the light is working.

If this light blinks, there may be something wrong with the acoustic vehicle alerting system.

ENG A-STOP System (Engine Auto Stop Start System) (if equipped)

The ENG A-STOP system (engine auto stop start system) automatically stops the engine while waiting briefly at a traffic light, etc., and automatically restarts the engine afterward. This system helps reduce emissions, improve fuel consumption and lower engine noise.

This system stops the engine temporarily under specific conditions. Before parking the vehicle for an extended period of time or leaving the vehicle, properly apply the parking brake and stop the engine with the engine switch.

For manual transmission vehicle, once the specific conditions are met, the engine will stop automatically after the vehicle has stopped. However, the engine will not be stopped automatically until confirmation of the system function is finished.

For automatic transmission vehicle / e-CVT vehicle, if certain conditions are met, the engine is stopped automatically when decelerating (approximately 9 km/h [6 mph] or less) before stopping. However, the engine will not be stopped automatically during deceleration until confirmation of the system function is finished.

NOTE:
If your vehicle is equipped with the auto air conditioning system, you can change the automatic engine stop condition via the information display. Refer to "Information display" in "INSTRUMENT CLUSTER" section.

⚠ CAUTION

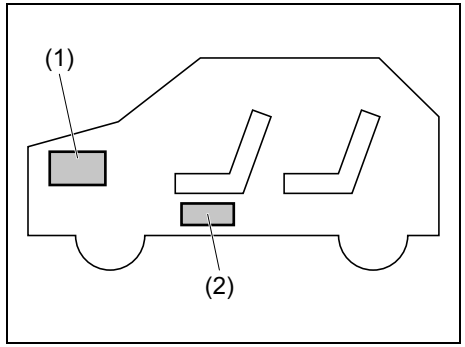
- **Do not get out of the vehicle while the engine is automatically stopped by the ENG A-STOP system. Doing so may lead to an accident.**
  - **– Manual transmission vehicle – If the driver's seat belt is unfastened or the driver's door is opened, the engine will restart.**
  - **– Automatic transmission vehicle – If the driver's seat belt is unfastened, even if the brake pedal is pressed down, or the driver's door is opened, the engine will be restarted to warn you that the engine was stopped automatically by the ENG A-STOP system.**
- **If the engine does not restart automatically after having been stopped automatically by the ENG A-STOP system, push the engine switch to start the engine. Trying to move the vehicle when the engine has not yet restarted requires a strong force to turn the steering wheel or depress the brake pedal, potentially leading to an accident.**

NOTICE

The vehicle equipped with this system uses a dedicated high-performance lead-acid battery that supports ENG A-STOP system. Accordingly, observe the instructions listed below. If these instructions are not observed, the system may not actuate properly or the lead-acid battery may die prematurely.

- **When replacing the lead-acid battery, use a TOYOTA GENUINE battery specified in the Specification.**
- **Do not draw power from the lead-acid battery terminals for electrical products.**

Lithium-ion Battery



68PM00368

(1) Battery (lead-acid battery)
(2) Lithium-ion battery

This lithium-ion battery is used exclusively for the vehicle equipped with NEO DRIVE, and located below the front left side seat.

- Just like a battery (lead-acid battery), the lithium-ion battery also discharges gradually.
  To prevent the lithium-ion battery from dying, you must charge the lithium-ion battery by driving continuously for at least 30 minutes once a month.
- The lithium-ion battery is maintenance-free.
- To replace or dispose of the lithium-ion battery, consult Your Toyota Dealer.

⚠ WARNING

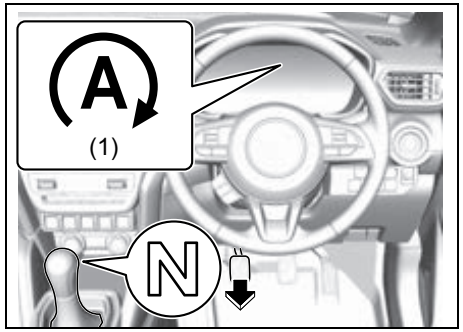
Wrong handling of the lithium-ion battery may result in fire, electric shock or system malfunction. Accordingly, observe the instructions listed below:

- **Do not dismount or disassemble the lithium-ion battery.**
- **Do not let the lithium-ion battery come in contact with water or other liquids.**
- **Do not apply strong impact on the lithium-ion battery.**
- **Do not step on the lithium-ion battery or put articles on the lithium-ion battery.**
- **Do not disconnect the lithium-ion battery terminals or draw power from the terminals for electrical products.**

Automatic Stopping / Restarting of the Engine

Manual transmission vehicles

1) With the brake pedal depressed, decelerate the vehicle.



76TS50800

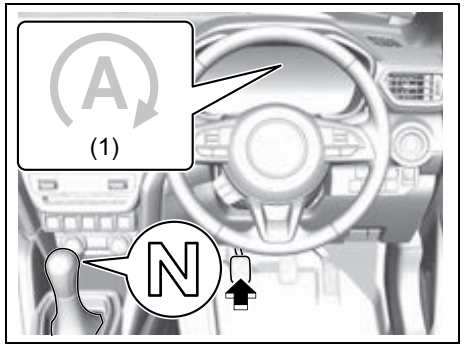
2) After the vehicle has stopped with the clutch pedal depressed and the gearshift lever shifted to “N”, and then release the clutch pedal, the engine will stop automatically.
   The ENG A-STOP indicator light (green) (1) will come on.
   - The ENG A-STOP system will not stop the engine automatically if all the automatic engine stop conditions are not met.
     For details, refer to the section, “Operating Conditions of ENG A-STOP System”.
   - During the automatic engine stop, the engine may shut down, accompanied by an interior buzzer or restarted, to ensure safety.
     For details, refer to the section, “Precautions of When the Engine is Stopped Automatically”.

NOTICE

During the automatic engine stop, do not shift the gearshift lever to a position other than “N” without depressing the clutch pedal. If the gearshift lever is in a position other than “N”, the engine will not restart automatically even if the clutch pedal is depressed.

NOTE:
During the automatic engine stop, electric equipment will be in the following conditions:

- *The audio and other electrical component can be used during the automatic engine stop, but the air conditioner will switch to the fan mode.*
- *If the vehicle is equipped with an auto air conditioner, the fan speed will be limited during the automatic engine stop (only in the auto control mode) to keep the cabin air-conditioned for a longer time.*



76TS50820

3) Regardless of whether the vehicle has stopped or not, depressing the clutch pedal will restart the engine and ENG A-STOP indicator light (green) (1) will go off.

While the engine is stopped automatically, depressing the clutch pedal will restart the engine consuming fuel. Therefore, for fuel economy, it is recommended to depress the clutch pedal just before the vehicle start.

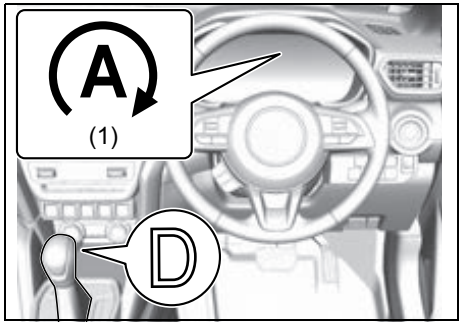
- Without depressing the clutch pedal, the engine may restart automatically if the automatic engine restart conditions are met.
  For details, refer to the section, “Automatic engine restart conditions”.
- When restarting the engine, keeping brake force temporarily prevents the vehicle from moving forward by the creeping function. Also, this prevents the vehicle from rolling downward on a hill.
  For details, refer to the section “Hill Hold Control System”.

NOTE:
When the engine is restarted automatically, the following conditions may be found as the hill hold control system is activated, but this is not a malfunction.

- *You may hear a sound from the engine room.*
- *As brake pedal becomes heavy, it may be difficult for you to depress it.*

Automatic transmission vehicles

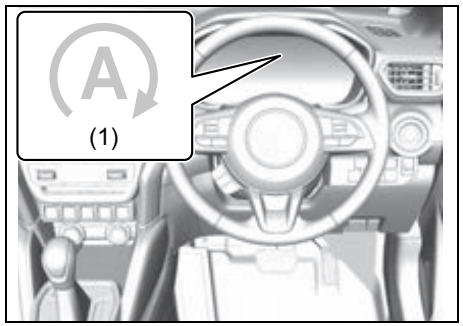
1) Depress the brake pedal to decelerate while the gearshift lever is in the “D” position will automatically stop the engine before the vehicle is stopped (approximately 9 km/h [6 mph] or less). At the same time, the ENG A-STOP indicator light (green) (1) will remain on.
   - The engine is not stopped automatically if all of the conditions to stop the engine automatically are not met, even if the brake pedal is pressed down to decelerate.
     For details on the conditions for automatically stopping the engine, refer to “Conditions to Stop the Engine Automatically” in this section.
   - To ensure safety when the engine is stopped automatically, the interior buzzer may sound and the engine will stall, or the engine may be restarted.



76TS50840

NOTE:
- *The engine is not stopped automatically when decelerating without depressing the brake pedal, for example, by using engine braking.*
- *The engine may be stopped automatically when the vehicle is stopped, even if the engine is not stopped automatically before stopping the vehicle (approximately 9 km/h (6 mph) or less).*
- *Electrical components, such as the navigation system or audio system, can be used while the engine has been stopped automatically, however, the air conditioner switches to the ventilation position.*
- *For the automatic heating and air conditioning system, airflow is limited (only under automatic operation) when the engine is stopped automatically, in order to improve the cooling and heating performance.*

2) When you remove your foot from the brake pedal, regardless of whether it is before or after stopping the vehicle, the engine is restarted and the ENG A-STOP indicator light (green) goes off.
   - The engine is restarted automatically if the conditions to restart the engine automatically are met, even if the brake pedal is depressed.
     For details on the conditions for automatically restarting the engine, refer to “Conditions to Restart the Engine Automatically” in this section.



76TS50860

NOTE:
- *The hill hold control system is activated when the engine is restarted automatically.*
- *When engine restarts automatically, the electric parking brake may engage or disengage and interrupt the restarting process, and that is normal operation.*

Precautions of When the Engine is Stopped Automatically

⚠ WARNING

Do not perform any of the following operations while the engine has been stopped automatically. This may result in an accident.

	Operation/Vehicle Condition	Solution
Common	Engine hood opened • The interior buzzer sounds intermittently. • After the engine is stopped automatically, it stalls. • The ENG A-STOP indicator light (green) goes off.	To restart the engine, follow the procedure below. 1) Set the parking brake firmly, and then place the gearshift lever in the “N” position (for manual transmission) or “P” position (for automatic transmission). 2) Securely close the engine hood. 3) Press the engine switch to restart the engine.
Manual transmission	Driver’s seat belt unfastened or driver’s door opened • The engine is restarted automatically. • The ENG A-STOP indicator light (green) blinks 5 times, then goes off.	Fasten the driver’s seat belt and/or close the driver’s door.
	Gearshift lever shifted to a position other than “N” without depressing the clutch pedal, driver’s seat belt unfastened and driver’s door opened • The interior buzzer sounds intermittently. • After the engine is stopped automatically, it stalls. • The ENG A-STOP indicator light (green) goes off.	To restart the engine, follow the procedure below. 1) Set the parking brake firmly, and then place the gearshift lever in the “N” position. 2) Close the door and buckle the seat belt. 3) Press the engine switch to restart the engine.

	Operation/Vehicle Condition	Solution
Automatic transmission	Driver's seat belt unfastened, or driver's door opened • The engine is restarted automatically. • The ENG A-STOP indicator light (green) blinks 5 times, then goes off.	Before driving, close the door and buckle the seat belt. In addition, before getting out of the vehicle, follow the procedure below. 1) Set the parking brake firmly, and then place the gearshift lever in the "P" position. 2) When the vehicle will be stopped for a long time or when you will leave the vehicle unattended, press the engine switch to stop the engine.

NOTE:
The following indicator lights in the instrument cluster do not come on when the engine is stopped automatically.
- *Malfunction indicator light, electric power steering light, oil pressure light, charging light*

Operating Conditions of ENG A-STOP System

Standby conditions
If all of the following conditions are met while driving, the automatic engine stop will be permitted.

When the engine is started		• The engine is started with the engine hood securely closed.
When driving	Common	• The ENG A-STOP system is not deactivated (OFF). • The battery is charged more than a certain amount, and the temperature inside the battery is within the specified range. (#1) • The engine coolant temperature is within the specified range. • The driver's seat belt is fastened. • The driver's door is securely closed. • The engine hood is securely closed. <Vehicle with automatic heating and air conditioning system> • The air from the outlets is sufficiently cooled while cooling or sufficiently warmed while heating. • The defroster is turned off.
	Manual transmission	• There is no signal to prevent stopping the engine from any electronic control systems other than the ENG A-STOP system. (#2)
	Automatic transmission	• The gearshift lever is in the "D" or "N" position. (#3) • The manual mode is not in use. • There is no signal to prevent stopping the engine from any electronic control systems other than the ENG A-STOP system.

#1: If the battery is discharged, for example, if the vehicle has not been used for a long time or electrical components, such as the navigation system or audio system, have not been used for a long time while the engine was stopped, it may take some time until the system can be in standby.

#2: If any of the warning and indicator lights affecting the ENG A-STOP system come on, the engine will not be stopped automatically.

#3: The system will be in standby even though the gearshift lever is in the "N" position, however, the engine will be stopped automatically when the vehicle is stopped, instead of when it is decelerating (approximately 9 km/h [6 mph] or less) before stopping.

Conditions to stop the engine automatically
If all of the following conditions are met while the standby conditions are met, the engine is stopped automatically when the vehicle is decelerating before stopping or when the vehicle is stopped.

When decelerating before stopping	Automatic transmission	• The ABS or ESP® system has not been activated. • Brake booster vacuum pressure is normal. • The brake pedal is sufficiently depressed. (#) • The vehicle is decelerating to a speed of approximately 9 km/h (6 mph) or less. • The accelerator pedal is not depressed. • The vehicle is not being driven on a steep hill. • The brake is not applied abruptly.
When the vehicle is stopped	Manual transmission	• The gearshift lever is in “N” position. • The clutch pedal is released.
	Automatic transmission	• The ABS or ESP® system has not been activated. • Brake booster vacuum pressure is normal. • The brake was not applied abruptly before the vehicle was stopped. • The brake pedal is sufficiently depressed. (#) • The accelerator pedal is not depressed. • The vehicle is not stopped on a steep hill.

#: The engine may not be stopped automatically if the brake pedal was depressed lightly or strongly.

Conditions to restart the engine automatically
If any of the following vehicle conditions occur or operations are performed while the engine is stopped automatically, the engine is restarted automatically and the ENG A-STOP indicator light (green) goes off.

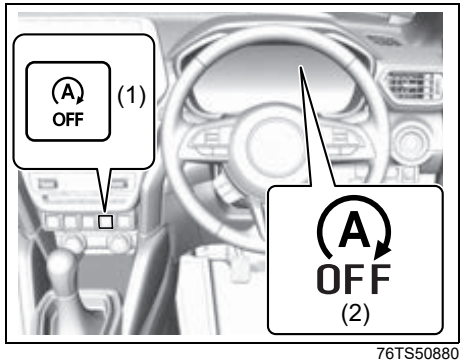
Common		• The ENG A-STOP system is deactivated (OFF). • The battery continues to be discharged. (#1) • A malfunction was detected in this system. (#2) • Brake booster vacuum pressure is low. (#1) • The temperature of the air from the outlets changes greatly, or the cooling and heating performance is insufficient. (#1) • The temperature selector was greatly set toward COOL while cooling or greatly set toward HOT while heating. (#1) • The defroster is turned on. (#1)
Manual transmission		• The clutch pedal is depressed.
Automatic transmission		• The foot is removed from the brake pedal. (#3) • The accelerator pedal is depressed. • The gearshift lever is placed in the “P”, “R” or “M” position.
When decelerating (approximately 9 km/h [6 mph] or less for automatic transmission vehicles)	Common	• The engine hood was opened.
	Automatic transmission	• The gearshift lever is placed in the “N” position. • The slope of the road suddenly changes. (#1)
When the vehicle is stopped	Common	• The driver’s seat belt is unfastened. (#1) • The driver’s door is opened. (#1) • The vehicle is moving along a slope. (#1) • Some time (about 3 minutes) has passed since the engine was stopped automatically. (#1)
	Automatic transmission	• After the gearshift lever is placed in the “N” position, it is returned to the “D” position.

#1: After the ENG A-STOP indicator light (green) blinks, it goes off. Also, the interior buzzer may sound at the same time.

#2: Depending on the situations of malfunction, it is a normal restart or the restart as #1.

#3: The engine may be restarted automatically when the brake pedal is depressed lightly. In this case, when the brake pedal is depressed again, the engine is stopped automatically and the ENG A-STOP indicator light (green) comes on again.

ENG A-STOP OFF Switch (if equipped)



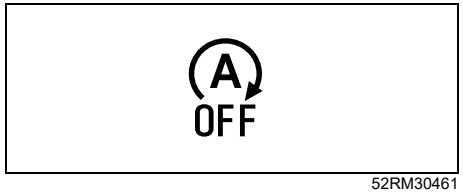
76TS50880

The ENG A-STOP system can be deactivated.

- To deactivate the system, press the ENG A-STOP OFF switch (1) to turn on ENG A-STOP OFF light (2).
- To activate the system once again, press the switch (1) again to turn off the indicator.
- Every time the engine is stopped manually, the system is enabled again and the ENG A-STOP OFF light (2) goes off.

NOTE:
Pressing the ENG A-STOP OFF switch (1) during the automatic engine stop will restart the engine automatically and the ENG A-STOP OFF light (2) will come on.

ENG A-STOP OFF Light (if equipped)



52RM30461

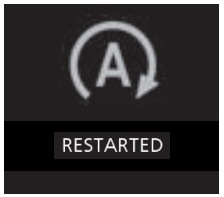
This indicator comes on in the information display.

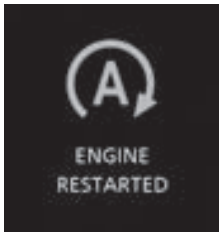
- This indicator comes on when the ENG A-STOP system is deactivated.
- The indicator blinks when the engine switch is pressed to change the ignition mode to ON, if one of the conditions listed below is met (The ENG A-STOP system or the NEO DRIVE system does not actuate correctly while the indicator is blinking). Have the system inspected immediately by Your Toyota Dealer.
  – If there is something wrong with the ENG A-STOP system, NEO DRIVE system or the lithium-ion battery.
  – An engine component (ISG) or the lead-acid battery is due for replacement.

NOTE:
If the indicator blinks during the automatic engine stop, the engine may shut down.

Information Message

The information display shows the messages to let you know certain problems of the ENG A-STOP system.

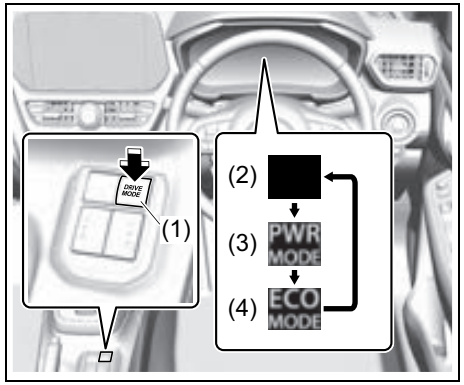
Information message	Cause and remedy
 52RM30650	The ENG A-STOP system cannot stop the engine automatically because something of the actuation conditions is not met. For details, refer to “Operating Conditions of ENG A-STOP System” in this section.
 52RM30660	The engine is restarting automatically because one of the following automatic engine restart conditions is met. • The temperatures at air conditioner outlets have changed considerably after the automatic engine stop to the point of affecting the cooling/heating performance. • The lead-acid battery has discharged substantially. • Some time has elapsed after the start of the automatic engine stop.
 52RM30890	The engine restarted automatically because one of the following automatic engine restart conditions is met. • The negative pressure of the brake booster has dropped.

Information message	Cause and remedy
 52RM30670	The engine restarted automatically because one of the following automatic engine restart conditions is met. • The defroster is turned on. • The driver's seat belt is released. • The driver's door is opened. • The vehicle is started to move on a slope, etc.
 52RM30680	The engine shut down because one of the following operations is performed during the automatic engine stop. • The hood is opened. • For Manual transmission vehicle, the driver's door is opened with the driver's seat belt is unfastened. Restart the engine by usual operation. Refer to "Starting / Stopping Engine or Hybrid System" in this section for details.
Manual transmission  52RM30690	The gearshift lever is shifted to a position other than "N" (Neutral) position without depressing the clutch pedal during the automatic engine stop. To restart the engine, place the gearshift lever in "N" (Neutral) position and depress the clutch pedal.

Driving Mode (if equipped)

The driving modes can be selected to suit driving condition.

Driving Mode Select Switch



76TS50740

Each time the switch (1) is pressed, the system changes between normal mode, power mode and ECO drive mode

(2) Normal mode
This mode provides an optimal balance of fuel economy, quietness, and dynamic performance. This is suitable for normal driving.

(3) Power mode
This mode controls the hybrid system to provide quick, powerful acceleration. Also, this mode makes it suitable for when agile driving response is desired, such as when driving on roads with many curves.
When the Power mode is selected, Power mode indicator comes on.

(4) Eco drive mode
This mode helps the driver accelerate in an eco-friendly manner and improve fuel economy through moderate throttle characteristics and by controlling the operation of the air conditioning system (heating/cooling).
When the Eco drive mode is selected, Eco drive mode indicator comes on.

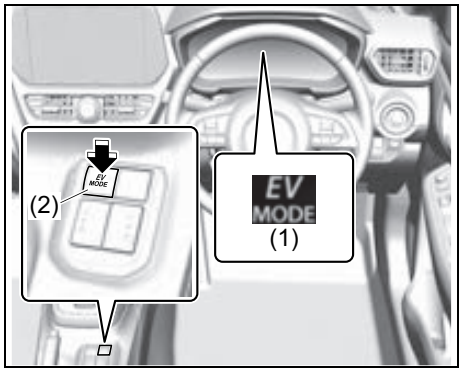
Operation of the air conditioning system in Eco drive mode
Eco drive mode controls the heating/cooling operations and fan speed of the air conditioning system to enhance fuel efficiency. To improve air conditioning performance, perform the following operations:
- Adjust the fan speed
- Turn off Eco drive mode

Automatic deactivation of Power mode
If the power switch is turned off after driving in power mode, the drive mode will be changed to normal mode.

EV Drive Mode Switch

In EV drive mode, electric power is supplied by the hybrid battery (traction battery), and only the electric motor (traction motor) is used to drive the vehicle.
This mode allows you to drive in residential areas early in the morning and late at night, or in indoor parking lots, etc., without concern for noises and gas emissions.

Operating instructions
Press EV drive mode switch to turn on the EV drive mode. Press the switch again to turn off this mode.



76TS50750

When EV drive mode is turned on, EV drive mode indicator (1) will come on. Pressing the switch (2) when in EV drive mode will return the vehicle to normal driving (using the gasoline engine and electric motor).

Situations in which EV drive mode cannot be turned on
It may not be possible to turn EV drive mode on in the following situations. If it cannot be turned on, a message will be shown on the information display.
- The temperature of the hybrid system is high.
  The vehicle has been left in the sun, driven on a hill, driven at high speeds, etc.
- The temperature of the hybrid system is low.
  The vehicle has been left in temperatures lower than about 0°C (32°F) for a long period of time, etc.
- The gasoline engine is warming up.
- The hybrid battery (traction battery) is low.
  The remaining battery level indicated in the information display is low.
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill, etc.
- The windshield defogger is in use.

Switching to EV drive mode when the gasoline engine is cold
If the hybrid system is started while the gasoline engine is cold, the gasoline engine will start automatically after a short period of time in order to warm up. In this case, you will become unable to switch to EV drive mode.
After the hybrid system has started and the "READY" indicator has illuminated, press the EV drive mode switch before the gasoline engine starts to switch to EV drive mode.

Automatic cancellation of EV drive mode
When driving in EV drive mode, the gasoline engine may start automatically and the vehicle may be driven by the gasoline engine and electric motor (traction motor) in the following situations. When EV drive mode is canceled, a message will be displayed on the information display.
- The hybrid battery (traction battery) becomes low.
  The remaining battery level indicated in the information display is low.
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill, etc.

Possible driving distance when driving in EV drive mode
EV drive mode's possible driving distance ranges from a few hundred meters to approximately 1 km (0.6 mile). However, depending on vehicle conditions, there are situations when EV drive mode cannot be used.
(The distance that is possible depends on the hybrid battery [traction battery] level and driving conditions.)

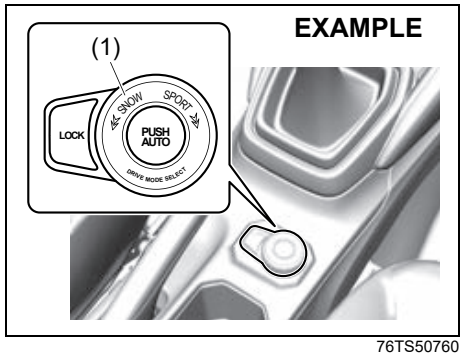
Fuel economy
The hybrid system is designed to achieve the best possible fuel economy during normal driving (using the gasoline engine and electric motor [traction motor]). Driving in EV drive mode more than necessary may lower fuel economy.
If "EV MODE UNAVAILABLE" is shown on the information display
The EV drive mode is not available. Use the EV drive mode when it becomes available.

If "EV MODE CANCELED" is shown on the information display
The EV drive mode has been automatically canceled. Drive the vehicle for a while before attempting to turn on the EV drive mode again.

⚠ WARNING

When driving in EV drive mode, pay special attention to the area around the vehicle. Because there is no engine noise, pedestrians, people riding bicycles or other people and vehicles in the area may not be aware of the vehicle starting off or approaching them.

Four-mode 4WD System (if equipped)



76TS50760

(1) Driving mode switch

The four-mode 4WD system enables you to select the driving mode according to driving conditions by operating the driving mode switch.

Driving Modes

AUTO
This mode prioritizes fuel economy in typical driving conditions. The system switches the driving mode to 4WD if it detects wheel spin.

SPORT
This mode is optimized for sporty driving. The system apportions torque to promote cornering performance.

- In the vehicle with automatic transmission, this mode optimizes the throttle/torque characteristics with small and moderate throttle openings to keep the engine speed high for good response.

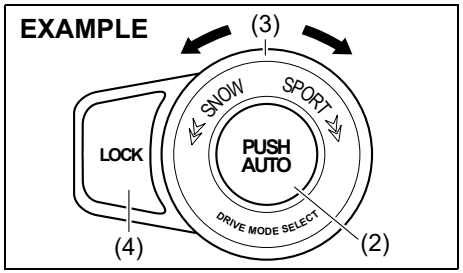
SNOW
This mode is optimal for snowy, unpaved, and other slippery surfaces. This mode enhances traction during acceleration on slippery surfaces, and enables stable cornering on slippery surfaces.

LOCK
This mode is for extricating the car from snow, mud, or sand.

Driving Mode Switch Operation

Operate the driving mode switch according to the appropriate procedure described below.

How to turn on driving mode switch
The driving mode switch will activate when the ignition mode is ON.



76TS51170

Selecting AUTO mode
Push the “PUSH AUTO” part (2) of the driving mode switch.

Selecting SPORT mode
Turn the dial (3) of the driving mode switch clockwise to the “SPORT” position.

Selecting SNOW mode
Turn the dial (3) of the driving mode switch counterclockwise to the “SNOW” position.

Selecting LOCK mode
When the vehicle speed is less than 60 km/h (37 mph) and the SNOW mode is selected, push the “LOCK” part (4) of the driving mode switch.

NOTE:
If the vehicle speed exceeds about 60 km/h (37 mph) in the LOCK mode, the driving mode changes to the SNOW mode automatically. Even when the vehicle speed reduces, on the other hand, the driving mode does not return to the LOCK mode automatically. You should select the LOCK mode according to the driving conditions.

NOTE:
- *The information display shows current driving mode.*
- *When the engine switch is pressed to change the ignition mode to ON, the AUTO mode is selected automatically.*
- *The driving mode switch can be operated when the vehicle is either stopped or moving.*
- *Make sure that the front wheels are in the straight ahead position when operating the driving mode switch.*
- *While making turns or accelerating and decelerating, operating the driving mode switch, pressing the engine switch to change the ignition mode to ACC or LOCK may cause a shock, but this is not a system malfunction.*
- *When you operate your vehicle under conditions that involve wheel spin, such as driving off-road in the sand or water or when a wheel has run off the road, the difference in the amount of revolution between front wheels and rear wheels increases (wheels run idle). If this state continues, the oil temperature of the driving system parts increases.*
The 4WD warning light warns of this condition by blinking. At the same time, the information display shows this message: "AWD SYSTEM HIGH TEMP AWD IS OFF".



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When the 4WD warning light blinks, park the vehicle at a safe place and run the engine idle. After a while, the 4WD warning light will go out and the system will resume.

NOTICE

- **Note that 4WD vehicles are not all-around vehicles. Be sure to observe the following instructions when driving your vehicle.**
  - **Do not drive through water such as by crossing a river.**
  - **Do not drive continuously in places such as sand and mud where front wheels tend to race.**
  - **When any wheel is in the air for such reason as running off the road, do not race it needlessly.**

(Continued)

NOTICE

(Continued)
- **If the 4WD warning light comes on or blinks when driving, there may be something wrong with the four-mode 4WD system. Have the system inspected by Your Toyota Dealer.**

NOTICE

Unevenly worn tyres can cause problems with the 4WD system. Be sure to rotate the tyres according to the maintenance schedule. Refer to "Tyres" and "Maintenance Schedule" in the "INSPECTION AND MAINTENANCE" section for proper tyre rotation procedures.

Warning and Indicator Messages

The information display shows the warning and indicator message when the four-mode 4WD system is operated, or has a problem.

Warning and indicator messages

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
 65T50770	Blinks 	Beep (one time from interior buzzer)	There may be a problem with the four-mode 4WD system. Have your vehicle inspected by Your Toyota Dealer.
 65T50780	Blinks 	Beep (one time from interior buzzer)	Tyres of different sizes may be fitted or tyres may be insufficiently inflated. Have your vehicle inspected by Your Toyota Dealer.

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
 65T50790	Blinks 	Beep (one time from interior buzzer)	Drive train components may be overheated. Stop in a safe place and allow the engine to idle.
 65T50800	Blinks 	Beep (one time from interior buzzer)	If this message is displayed, have your vehicle inspected by Your Toyota Dealer.

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
 65T50810	Blinks 	Beep (one time from interior buzzer)	The “LOCK” part of the driving mode switch is pushed when the vehicle speed is more than 60 km/h (37 mph). (#1) Refer to “Selecting LOCK mode” in this section.
 65T50820	Blinks 	Beep (one time from interior buzzer)	The “LOCK” part of the driving mode switch is pushed without selecting the SNOW mode. (#1) Refer to “Selecting LOCK mode” in this section.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
 65T50830	Blinks 	Beep (one time from interior buzzer)	There may be a problem with the driving mode switch. Have your vehicle inspected by Your Toyota Dealer.

Cruise Control (if equipped)

The cruise control system allows you to maintain a steady speed without keeping your foot on the accelerator pedal. The controls for operating the cruise control system are on the steering wheel.

You can use the cruise control system under the following conditions:

- For manual transmission vehicle, the gear position is in 3rd, 4th or 5th. The vehicle speed is about 40 km/h (25 mph) or higher.
- For automatic transmission vehicle, the gearshift lever is in “D” position or the gear position is in 3rd, 4th, 5th or 6th in the manual mode. The vehicle speed is about 40 km/h (25 mph) or higher.
- For e-CVT vehicle, the gearshift lever is in “D” position. The vehicle speed is about 30 km/h (20 mph) or higher.

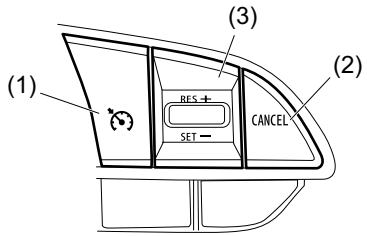
⚠ WARNING

To help avoid loss of vehicle control, do not use the cruise control system when driving in heavy traffic, on slippery or winding roads, or on steep downhills.

Setting Cruising Speed

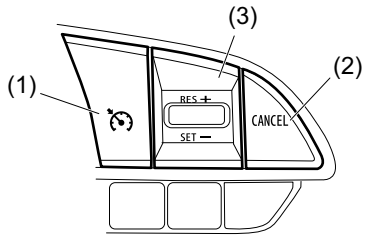
Cruise control switch

Vehicles without hybrid system



56RM03017

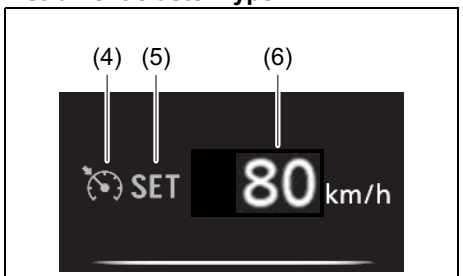
Vehicles with hybrid system



76TS50920

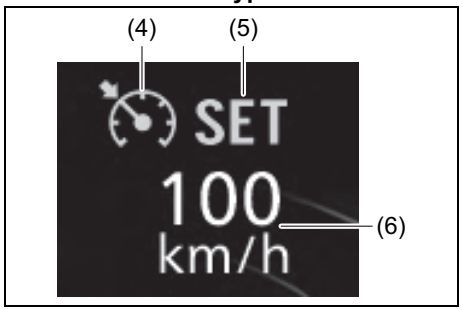
(1) Cruise switch
(2) “CANCEL” switch
(3) “RES +/SET –” switch

Instrument cluster Type A



76TS51240

Instrument cluster Type B



76TS51250

(4) Cruise indicator
(5) “SET” indicator
(6) Set speed indication

1) Turn on the cruise control system by pushing cruise switch (1). When the cruise indicator (4) comes on, you can set cruising speed.
2) Accelerate or decelerate to the desired speed.
3) Push down the “RES +/SET –” switch (3) and then “SET” indicator (5) comes on. Also, set speed indication (6) comes on at the same time. Take your foot off the accelerator pedal and the set speed will be maintained.

⚠ WARNING

If the cruising speed is set by accident, you cannot decelerate or could loose control of the vehicle. This could lead to an accident, resulting in severe injury or death.
Turn off the cruise control system and check that the cruise indicator (4) is off when the system is not in use.

NOTE:
Established cruising speed may differ a little from the speed meter indication depending on the road conditions.

Changing Speed Temporarily

When the cruising speed is maintained, you can temporarily accelerate or decelerate.

To accelerate, depress the accelerator pedal. When you take your foot off the pedal, your vehicle will return to the set speed.

To decelerate, depress the brake pedal. The set speed will be canceled and “SET” indicator (5) will go off.

For manual transmission vehicle and automatic transmission vehicle, to resume the previously set speed, push up the “RES +/SET –” switch (3) and turn on “SET” indicator (5) again when vehicle speed is above 40 km/h (25 mph). The vehicle will accelerate to the previously set speed and maintain its speed.

For e-CVT vehicle, to resume the previously set speed, push the “RES +” side of the “RES +/SET –” switch (3) and turn on “SET” indicator (5) again when vehicle speed is above 30 km/h (20 mph). The vehicle will accelerate to the previously set speed and maintain its speed.

NOTE:
For automatic transmission vehicle, when the cruising speed is maintained, you cannot decelerate by using the engine brake even if you downshift from higher gear to 3rd in the manual mode.
To decelerate while the cruise control is on, depress the brake pedal or push down the “RES +/SET –” switch (3).

Changing Cruising Speed

Using the accelerator pedal
To reset at a faster cruising speed, accelerate to the desired speed using the accelerator pedal and push down the “RES +/SET –” switch (3). The new speed will be maintained.

Using the brake pedal
To reset at a slower cruising speed, decelerate to the desired speed using the brake pedal and push down the “RES +/SET –” switch (3). The new speed will be maintained.

NOTE:
When the brake pedal is depressed, “SET” indicator (5) will go off until you reset the cruising speed.

Using “RES +/SET –” switch
To reset at a faster cruising speed, press repeatedly or hold push up the “RES +/SET –” switch (3). Vehicle speed will steadily increase. When you release the switch, the new speed will be maintained.

To reset at a slower cruising speed, press repeatedly or hold push down the “RES +/SET –” switch (3) until the vehicle has slowed to the desired speed, and then release the switch. The new speed will be maintained.

NOTE:
- *You can adjust the set speed by approximately 1 km/h (1 mph) by pushing “RES +/SET –” switch quickly.*
- *For manual transmission vehicle and automatic transmission vehicle, when the current vehicle speed is about 10 km/h (6 mph) or more faster than the previously set speed, the cruising speed cannot be decreased even if the “RES +/SET –” switch (3) is pushed down.*
- *For manual transmission vehicle and automatic transmission vehicle, when the current vehicle speed is about 10 km/h (6 mph) or more slower than the previously set speed, the cruising speed cannot be increased even if the “RES +/SET –” switch (3) is pushed up.*
- *For e-CVT vehicle, when the current vehicle speed is about 5 km/h (3 mph) or more faster than the previously set speed, the cruising speed cannot be decreased even if the “RES +/SET –” switch (3) is pushed down.*
- *For e-CVT vehicle, when the current vehicle speed is about 5 km/h (3 mph) or more slower than the previously set speed, the cruising speed cannot be increased even if the “RES +/SET –” switch (3) is pushed up.*

Canceling Cruise Control

“SET” indicator (5) will go off and the cruise control will be canceled temporarily with the following conditions:

- Push “CANCEL” switch (2).
- Depress the brake pedal.
- For manual transmission, depress the clutch pedal.
- For automatic transmission vehicle, downshift from 3rd to 2nd in the manual mode.
- For manual transmission vehicle and automatic transmission vehicle, the vehicle speed falls more than about 20 percent from the set speed.
- For manual transmission vehicle and automatic transmission vehicle, any time the vehicle speed falls below 40 km/h (25 mph).
- For manual transmission vehicle and automatic transmission vehicle, when the vehicle skids and ESP® is activated.
- For e-CVT vehicle, the current vehicle speed becomes below 30 km/h (20 mph).
- For e-CVT vehicle, the current vehicle speed falls more than 16 km/h (10 mph), compared with the set speed.
- For e-CVT vehicle, when ESP® is activated.
- For e-CVT vehicle, when TRC is activated for a certain period of time.

For manual transmission vehicle and automatic transmission vehicle, to resume the previously set speed, push up the “RES +/SET –” switch (3) to turn on “SET” indicator (5). The vehicle speed must be above 40 km/h (25 mph) when the vehicle is not under the above conditions.

For e-CVT vehicle, to resume the previously set speed, push the “RES +” side of the “RES +/SET –” switch (3) to turn on “SET” indicator (5). The vehicle speed must be above 30 km/h (20 mph) when the vehicle is not under the above conditions.

To turn off the cruise control system, push cruise switch (1) and check that the cruise indicator (4) is off.

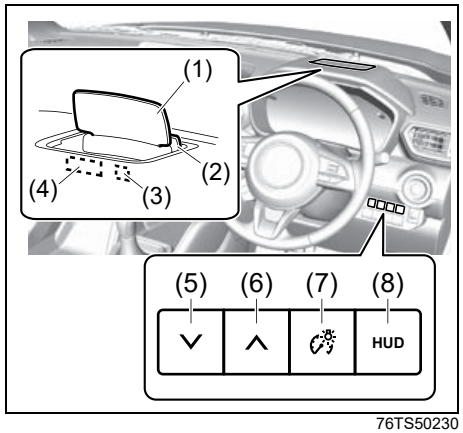
Also, if the malfunction indicator light in the instrument cluster comes on or blinks, the cruise control system will be turned off.

NOTE:
If you turn off the cruise control system, the previously set speed in the memory is cleared. Reset your cruising speed again.

SAFETY SUPPORT (if equipped)

Head-up Display

Head-up display (HUD) will show the information such as the current vehicle speed and the gear position in the driver's front vision.



76TS50230

(1) Display
(2) Cover
(3) Light-received surface
(4) Mirror
(5) Down switch
(6) Up switch
(7) Brightness control switch
(8) HUD (Head-up display) switch

⚠ WARNING

- **Do not continue to look at the head-up display while driving. Otherwise, you may not find the vehicle, pedestrians or obstacles in front of you. This could result in an accident.**
- **Adjust the display brightness and position to your preference not to obstruct a safe driving. If adjustment is not performed properly, it could result in an accident.**
- **Operate the head-up display while the vehicle is stopped. If you attempt to operate the display while driving, you may not look ahead carefully. This could result in an accident.**
- **If the hybrid system is operating while changing certain settings on the settings display, ensure that the vehicle is parked in a place with adequate ventilation. In a closed area such as a garage, exhaust gases including harmful carbon monoxide (CO) may collect and enter the vehicle. This may lead to death or a serious health hazard.**

⚠ CAUTION

When the head-up display is moving, do not put your hands closer to it. Your hands may get caught in it and get injured.

NOTICE

- **Performing the following points may prevent the proper operations of the head-up display and result in its malfunction. Observe these points.**
  - **– Do not adjust the display angle by your hands. Do not open or close the cover by your hands.**
  - **– Do not place any object or drink on the cover, its peripheral part and the light-received surface.**
  - **– Do not place stickers, etc. to the display, the inside of the cover and the light-received surface.**
  - **– Do not shine a strong light on the light-received surface.**
- **If you drop any object inside the cover, carefully pick it up not to injure the part such as the mirror.**
- **Ask Your Toyota Dealer, if you drop any object inside the place where the head-up display is stored and you cannot pick up the object or the head-up display is stuck inside.**
- **Do not wipe the HUD cover forcefully. When you wipe it off, use a soft cloth.**
- **To prevent 12-volt battery discharge, ensure that the hybrid system is operating while changing the settings of the head-up display.**

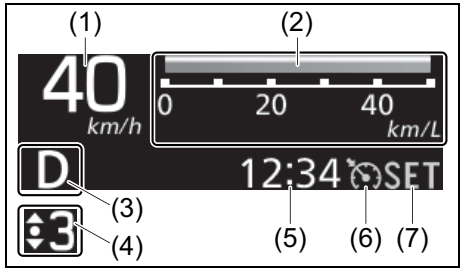
NOTE:

- *If you wear your sunglasses, you may have trouble seeing the displayed information. In this case, adjust the brightness or take your sunglasses off.*
- *You may have trouble seeing the displayed information in the following cases.*
  - *– On a rainy day or a day with strong sunlight*
  - *– When driving on snowy roads or when a wet road is shining after the rain*
  - *– When the headlights from your vehicle is reflected to the vehicle in front of you at night*
  - *– When the position of the vehicle in front of you and the displayed information get overlapped*
  - *– Depending on the driving posture*
- *Under the very cold condition, the vehicle speed on the speedometer and the one on the head-up display may differ a little.*
- *When the head-up display gets hot, such as after parking the vehicle under the blazing sun, the displayed information may temporarily become dark for its protection. When the head-up display gets hotter, the displayed information will temporarily disappear and the message will be shown on the information display of the instrument cluster.*
  - *– When the temperature becomes low, the above condition will be canceled. However, if the above condition is kept, ask Your Toyota Dealer.*

– *You can turn off the message on the information display in high temperature by changing the setting (customization). For details, refer to "Setting Mode" in "INSTRUMENT CLUSTER" section.*

Activation of the head-up display

When you press the engine switch to ON mode and the engine starts, the head-up display will automatically appear and the following information will be displayed as necessary.



76TS51230

(1) Vehicle speed
(2) Standard display
(3) Gear position (for Automatic Transmission vehicles / e-CVT vehicles) (if equipped)
(4) Gearshift indicator (for Manual Transmission vehicles) (if equipped)
(5) Clock
(6) Cruise indicator (if equipped)
(7) "SET" indicator (if equipped)

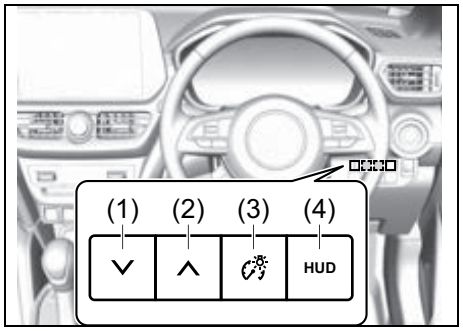
When you press the engine switch to ACC or LOCK (OFF) mode, the head-up display will be automatically stored.

NOTE:
- *Even if you stop the engine, the display setting will be stored.*
- *The vehicle speed on the head-up display and the one on the speedometer may differ a little.*
- *You can turn off a part of the information by changing the setting (customization).*
- *You can see either of UP arrow, a circle or DOWN arrow on the left side of the gearshift indicator (4).*

Operation of the head-up display

Operate the head-up display while the vehicle is stopped. You cannot adjust the brightness and the displayed position while driving.

Head-up display operation switch



76TS50250

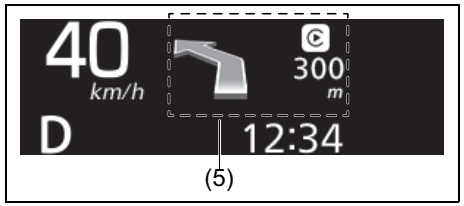
(1) Down switch
(2) Up switch
(3) Brightness control switch
(4) HUD (Head-up display) switch

ON / OFF operation of the head-up display

If you press and hold the HUD (Head-up display) switch (4) with the engine on, you can make the head-up display appear or store.

NOTE:
If you store the head-up display inside by operating the HUD (Head-up display) switch and stop the engine, the head-up display will not appear automatically on the next engine start.

ON / OFF operation of the intersection guidance display (When using Android Auto™*1 or Apple CarPlay*2 on infotainment system)



55T050760

(5) The intersection guidance display
(The above image is an example of Apple CarPlay.)

NOTE:
- *For ON / OFF operation of the intersection guidance display, you need to change the setting on the information display. For details, refer to "Setting Mode" in "INSTRUMENT CLUSTER" section.*
- *The intersection guidance display on the head-up display and the one on the navigation system may differ a little.*

*1: Android Auto™ may not be available in your country or region.
For details about Android Auto™, refer to http://support.google.com/androidauto

*2: Apple CarPlay may not be available in your country or region.
For details about Apple CarPlay, refer to https://www.apple.com/ios/carplay/

Brightness control

Brightness of the display will be automatically adjusted depending on the surrounding conditions. You can adjust the brightness to your preference by the following steps.

1) Press the brightness control switch (3).
2) To make the display brighter, press "∧" of the up switch (2). To make the display darker, press "∨" of the down switch (1).



55T050770

NOTE:
- *You can adjust brightness of the display from −10 to +10 (21 levels) by the brightness control switch.*
- *Depending on brightness which was automatically adjusted, you may not be able to make the display brighter or darker.*
- *Regardless of the driver's seat conditions, brightness may be automatically changed in the following conditions.*
  - *When driving in a tunnel or around its gateway*
  - *When driving on a road where there is a structural object over your head*

Adjustment of the displayed position

Press the down switch (1) or up switch (2) to adjust the displayed position of the head-up display.



76TS50270

NOTE:
- *You can adjust the displayed position of the head-up display from −12 to +12 (25 levels) by the up/down switch.*

Displayed information of the head-up display

Activation / ending of the head-up display

When you press the engine switch to ON mode, the head-up display will automatically activate and the following images will be displayed by turns.

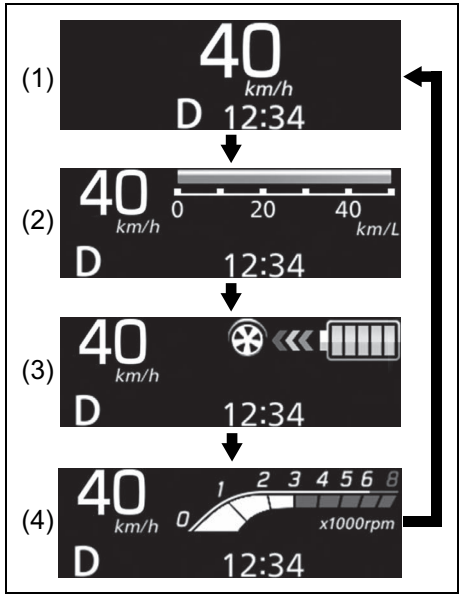


55T050790

Standard display of the head-up display

Every time you press the HUD (Head-up display) switch, the displayed information will be changed as follows.

- The following images are typical examples; they depend on the vehicle type.



83S05801

(1) Vehicle speed
(2) Instantaneous fuel consumption
(3) Energy flow
(4) Tachometer

NOTE:

- *Even if you stop the engine, the display setting will be stored.*
- *The vehicle speed on the head-up display and the one on the speedometer may differ a little.*

When operating the air conditioner

If you operate the air conditioner with instantaneous fuel consumption, tachometer displayed, the following images will be displayed.



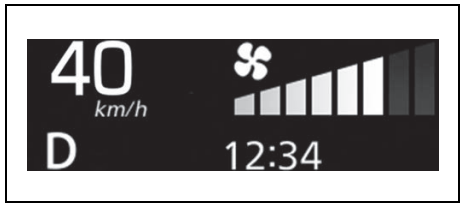
83S0581

When you press “AUTO” switch, “AUTO” and the set temperature will be displayed for a certain time.



83S05821

When you operate the temperature selector, the set temperature will be displayed for a certain time.



83S05830

When you operate the blower speed selector, the blower speed will be displayed for a certain time.

NOTE:
- *When the vehicle speed is displayed in standard display of the head-up display, the air conditioner setting will not be displayed.*
- *You can hide the information of air conditioner by the setting mode on the information display. For details, refer to "Setting Mode" in "INSTRUMENT CLUSTER" section.*

Interrupt display
When there is the information to tell you and you press the engine switch to ON mode, the following interrupt display will appear. Depending on the type of the display, a buzzer may sound at the same time.
• The following images are typical examples; they depend on the vehicle type.

Display	Buzzer	Description
 76TS50280	Chime (Once) (Only when one of the doors is not completely closed)	When one of doors, the bonnet or the fuel lid is not completely closed, the interrupt display will appear. For the vehicles with the power sliding door, if you are driving your vehicle, stop the vehicle in a safe place and close the door completely.
 55T050820	3 beeps repeating at short intervals	When the parking brake is not released while driving, the interrupt display will appear. Stop the vehicle in a safe place and release the parking brake.
 55T050830	Chime (Once)	When the fuel level is low, the interrupt display will appear. Refill the fuel tank as soon as possible.

Display	Buzzer	Description
 55T050840	Beeping at short intervals	The driver does not wear his/her seat belt. Stop the vehicle in a safe place and wear your seat belt. The front passenger does not wear his/her seat belt. Wear the seat belt.
 55T050850	–	When outside temperature nears freezing, this interrupt display will appear.
 55T051030	Off	The intersection guidance is displayed. (When using Android Auto™ or Apple CarPlay on infotainment system) For details, refer to “ON / OFF operation of the intersection guidance display” in this section.
 76TS50290	3 beeps repeating at short intervals or continuous short beeps	The warning message is displayed on the speedometer. Check the message on the speedometer. Consult Your Toyota Dealer if necessary.

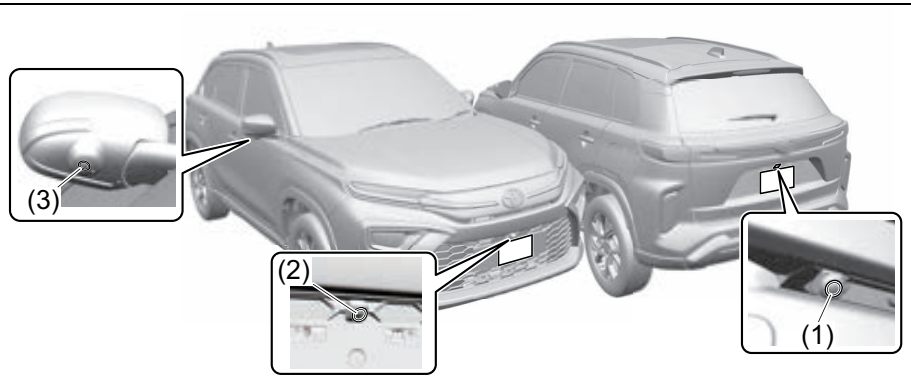
NOTE:
To turn off the intersection guidance display (When using Android Auto or Apple CarPlay on infotainment system), you can change the setting on the information display. For details, refer to “Setting Mode” in “INSTRUMENT CLUSTER” section.

360 View Camera (if equipped)

The 360 view camera is the function which shows visual image for the surrounding of your vehicle on the infotainment system screen, using the front camera, the side camera (left and right) and the back camera. This helps the driver improve visibility when the driver tries to park your vehicle, go by an oncoming vehicle in a narrow road or start the vehicle with poor visibility for left and right sides of the vehicle.

NOTE:
- *Use the infotainment system which corresponds with the 360 view camera.*
- *For detailed information on the functions and operation of the navigation system, please refer to the navigation manual.*

Camera positions



76TS51300

(1) Back camera
(2) Front camera
(3) Side camera (under left and right outside rearview mirrors)

- Each camera in the above figure is a typical example; the actual equipment depends on the vehicle type.

⚠ WARNING

- **The 360 view camera cannot reduce the driver's duty of care for driving operation. Use the 360 view camera only to provide driving assistance.**
- **The 360 view camera has limits and it may not show a person or an obstacle. Drive your vehicle slowly confirming the safety of the backward and the surrounding conditions by directly checking with your eyes and mirrors. If you drive your vehicle only by checking the 360 view camera, an accident may occur.**
- **The cameras are precision instruments. Do not apply excessive force to the cameras, disassemble them and modify them. Also, do not pour hot water to the cameras and poke them with a stick to remove mud or frozen snow on the cameras. Doing so may damage the cameras and cause a fire and malfunction.**
- **Do not use the 360 view camera, when the outside rearview mirrors are folded and any of front doors and the tailgate is not closed. The image of the surrounding area may not be displayed properly and an accident may occur.**
- **The guide line for the vehicle width are displayed as being wider than actual vehicle width. While driving, check directly that the area around the vehicle is safe.**

NOTICE

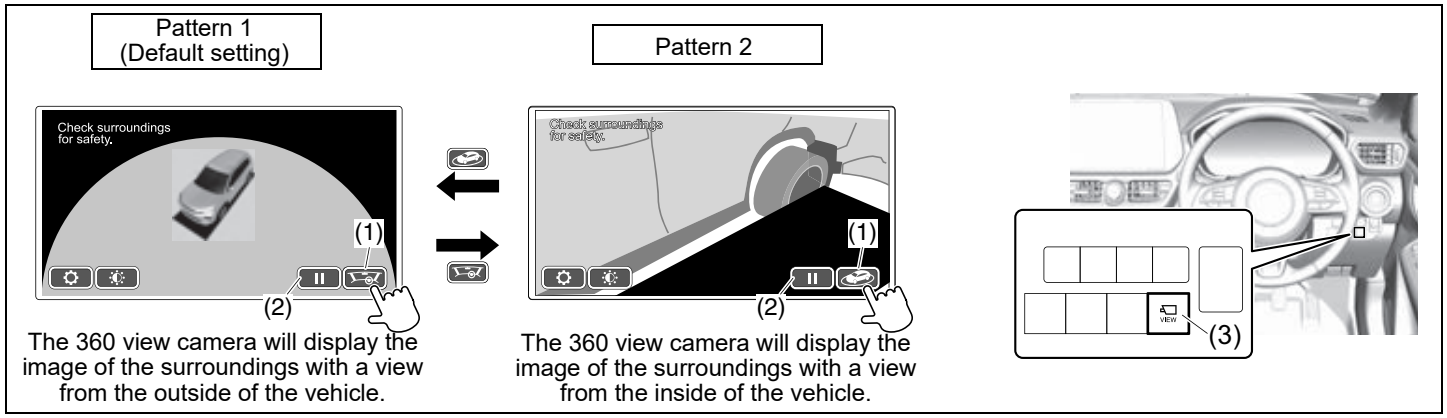
If you use the 360 view camera for a long period of time with the engine stopped, the lead-acid battery could run out. Do not use the 360 view camera for a long period of time with the engine stopped.

NOTE:
Rough indication lines of vehicle width will be displayed more widely, compared with an actual vehicle width. Drive your vehicle by directly checking the safety of the surrounding conditions.

How to use the 360 view camera

3D view mode function
The 360 view camera will display the image of the surroundings with a view from the outside or the inside of the vehicle.

1) Press the engine switch to change the ignition mode to ON.
2) After the opening image was displayed, 3D view mode will be automatically displayed on the screen.



76TS50320

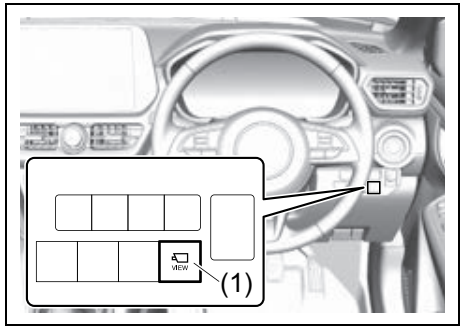
3) For switching the current image to the image with a different view, touch the image switching button (1) on the screen. For temporarily stopping the rotation of 3D view mode, touch the temporary stop or replay button (2). For restarting the rotation of 3D view mode, touch the button (2) again.

NOTE:

- *For automatic transmission vehicle or e-CVT vehicle, when you press the camera switch* (3) *with the gearshift lever in "P", you can display 3D view mode.*
- *For manual transmission vehicle, if you press the camera switch (3) when the gearshift lever is in other than "R", parking brake is applied and the vehicle is stopped, you can display 3D view mode.*
- *You can change the display screen of 3D view mode by changing the setting.*
- *When you press the camera switch while the opening image is displayed, 3D view mode will end. If you display 3D view mode, follow the procedure below.*
  3D view mode → Press the camera switch → Change the mode of display → Press the camera switch → End of 3D view mode
- *When the ignition mode is in ACC, 3D view mode will not be displayed on the screen.*

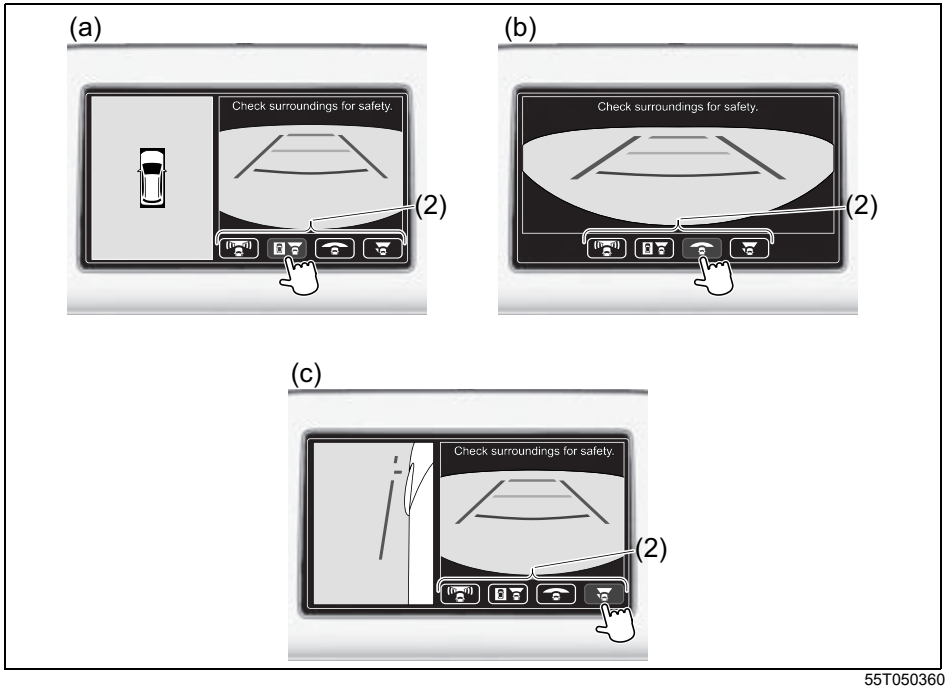
Displaying the forward of the vehicle

1) Press the engine switch to change the ignition mode to ON.
2) Manual transmission vehicle:
   Shift the gearshift lever into a position other than “R” while the parking brake is released or the vehicle is in motion.
   Automatic transmission vehicle / e-CVT vehicle:
   Shift the gearshift lever into a position other than “P” or “R”.
3) Press the camera switch (1). “Top image and forward image” (default setting) will be displayed.



76TS50340

4) Every time you touch the image switching button (2), the image will be changed as follows:



55T050360

(a)Top image and forward image (Default setting)
The 360 view camera will display the surrounding image and the forward image.

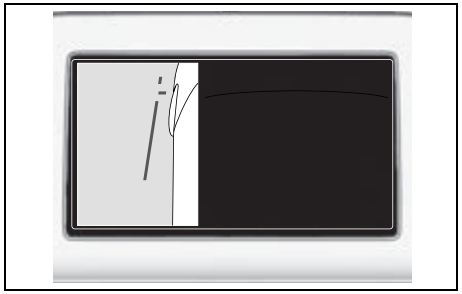
(b)Forward wide image
The 360 view camera will display the forward image widely.

(c)Side image and forward image
The 360 view camera will display the lower left image outside the front passenger's seat and the forward image.

- When you press the camera switch, it toggles in the following order.
  1) Navigation screen (if equipped)
  2) Top image and forward image (Default setting)
  3) Forward wide image
  4) Side image and forward image
  5) Navigation screen (if equipped)

If any screen is selected, it switches as follows.
Example: If the forward wide image is selected.
  1) Forward wide image
  2) Side image and forward image
  3) Top image and forward image
  4) Navigation screen (if equipped)

- Even when you do not press the camera switch, the current image will be changed to the previous image by the following methods:
  – When 3 minutes passed after you press the camera switch
  – When you operate the infotainment system
  – When the vehicle speed becomes over about 10 km/h (6 mph)
- When the vehicle speed becomes over about 10 km/h (6 mph) and you press the camera switch, you can display the side image on the screen. When the vehicle speed becomes about 10 km/h (6 mph) or less, the forward image will be displayed on the screen.



76TS51220

NOTE:
- *For automatic transmission vehicle or e-CVT vehicle, for adjusting the image quality and setting up the initial display image, shift the gearshift lever into "P".*
- *For manual transmission vehicle, you can adjust the image quality and set up the initial display image when the gearshift lever is in other than "R", parking brake is applied, and the vehicle is stopped.*
- *When the ignition mode is in ACC, the camera image will not be displayed.*

Displaying the backward of the vehicle

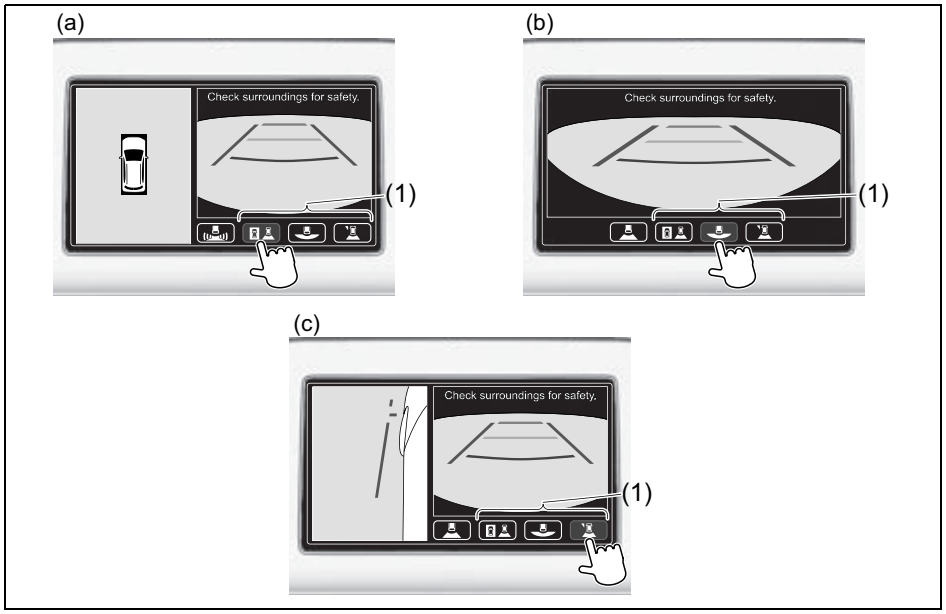
1) Press the engine switch to change the ignition mode to ON.
2) Shift the gearshift lever into “R” (Reverse). “Top image and backward image” (default setting) will be automatically displayed.

Selecting the image type with the camera switch:

3) Press the camera switch, and the displayed image will change in the order of (a), (b), and (c).

Selecting the image type with the image switching buttons:

3) Touch one of the image switching buttons (1), and the displayed image will change to the selected one.



55T050371

(a)Top image and backward image (Default setting)

The 360 view camera will display the surrounding image and the backward image.

(b)Backward wide image

The 360 view camera will display the backward image widely.

(c)Side image and backward image

The 360 view camera will display the lower left image outside the front passenger's seat and the backward image.

Shifting to any position other than “R” returns the screen to what it was displaying immediately prior to entering “R”. (When the front screen automatic display function is set to “ON”, the image changes to that from the forward camera)

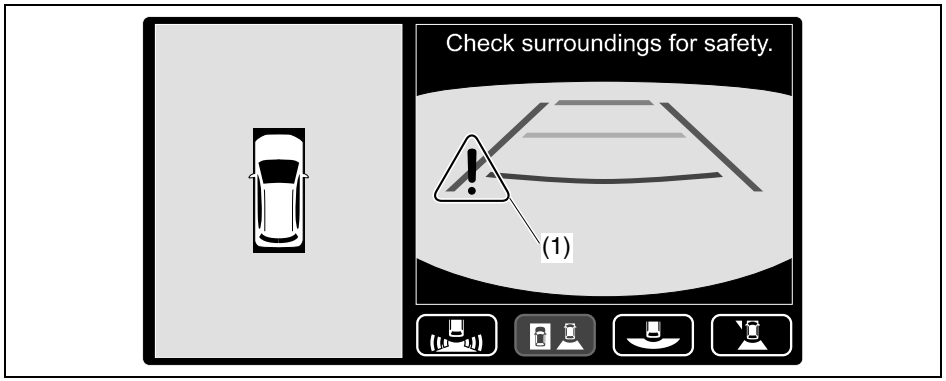
When you shift the gearshift lever from “R” to “P”, the center display will be displayed.

NOTE:

- *The backward image of the 360 view camera is displayed as the top priority out of all the images. However, when the infotainment system itself is being activated, the backward image will not displayed.*
- *For automatic transmission vehicle or e-CVT vehicle, for adjusting the image quality and setting up the initial display image, shift the gearshift lever into "P".*
- *For manual transmission vehicle, you can adjust the image quality and set up the initial display image when the gearshift lever is in other than "R", parking brake is applied and the vehicle is stopped.*
- *When the ignition mode is in ACC, the camera image will not be displayed.*

Error display on the screen

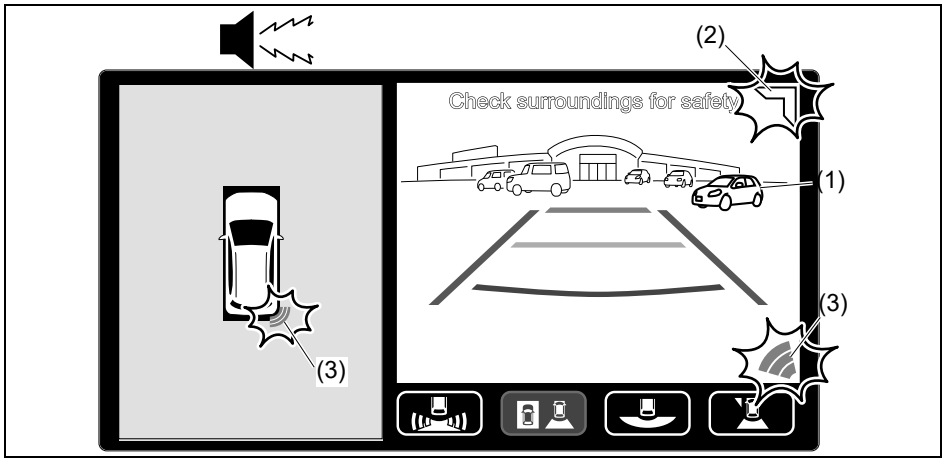
When there is an abnormality in the camera system, the following mark will be displayed on the screen.
Consult Your Toyota Dealer to have the camera system inspected.



55T050380

(1) Error mark of camera system

Front and rear traffic alert



76TS51180

(1) Detected vehicle

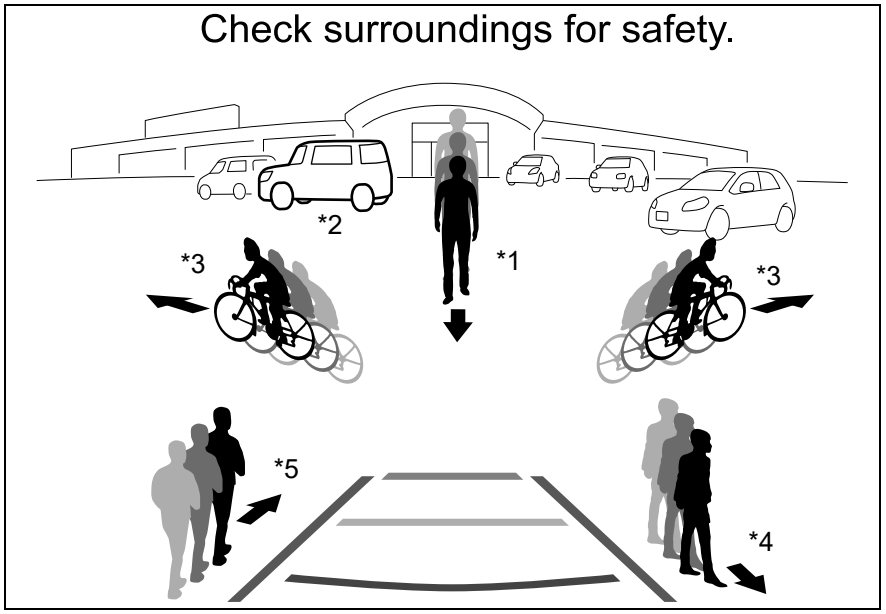
While you park the vehicle in a parking lot or drive the vehicle at a very low speed, if a person or a vehicle moves from the outside to the center in the detection area of the 360 view camera, the buzzer of detection (the default setting is in OFF state) from the speaker will sound and the support indicator (2) for checking left and right directions will come on. This function informs the driver of necessity to confirm safety and evasive action such as depressing the brake pedal.
When you reverse the vehicle, the information (3) which is detected by the rear parking sensors will be displayed as well as the interior buzzer of detection sounds and the support indicator (2) for checking left and right directions comes on.

⚠ WARNING

The front and rear traffic alert cannot detect all the moving objects. Directly check safety of the surroundings with your eyes.

NOTE:
You can change the setting of the front and rear traffic alert.

Examples which the front and rear traffic alert does not activate



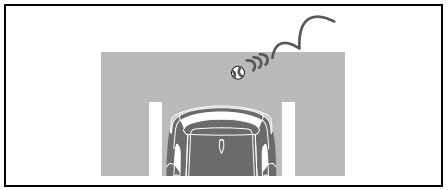
59RN05471

Situations where the front and rear traffic alert does not activate

- When a person or a vehicle approaches from front or straight behind of your vehicle *1
- When a person or a vehicle does not move *2
- When a person or a vehicle move from the center to the outside on the screen *3
- When you do not park the vehicle in a parking lot or you do not drive the vehicle at a very low speed
- When there is a long distance between a person or a vehicle to your vehicle
- When a moving object is not displayed on the screen
- When the detected target object overlap with strong light of sunshine and headlights
- When there is a big difference of camera image between a bright place and a dark place on the screen

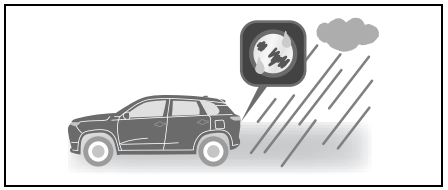
Situations where the front and rear traffic alert may not activate

- When a person or a vehicle approaches parallel to your vehicle *4



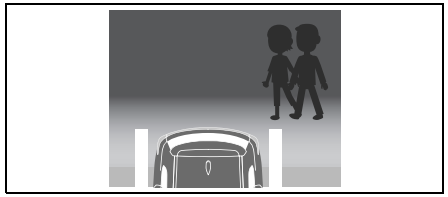
76TS50360

- When a small object such as a ball is moving
- When a moving object such as a bicycle gets across at a high speed
- When a camera lens is dirty by spider's web or mud
- When a camera lens is misted



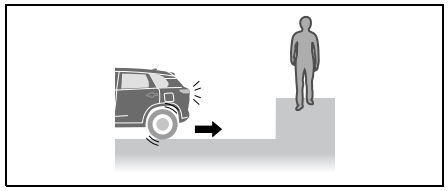
76TS50370

- When visibility is poor due to snow, rain or fog
- When a camera lens is directly exposed to light from the sun or headlights



76TS50380

- When it is difficult to detect a person or a vehicle which gets across at night, because there is no street lamp
- When the body color of a vehicle or the cloths of a person that gets across is similar to the background



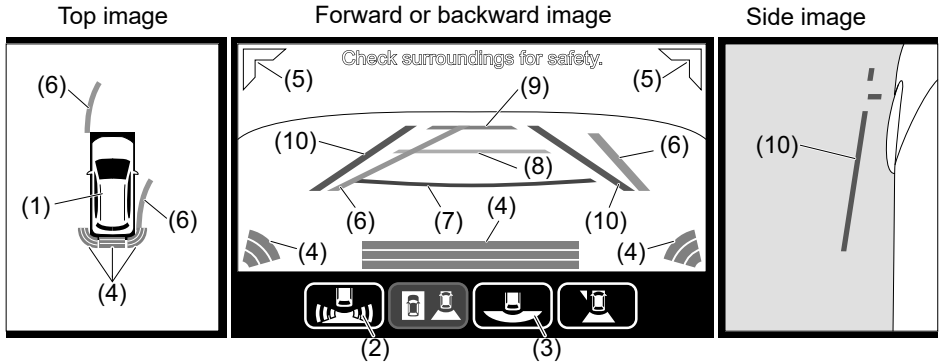
76TS50900

- When a person or a vehicle moves at a higher place than the space which you try to park your vehicle
- When a tailgate is opened
- When a strong impact is applied to a camera and its peripheral part and the installed position of the camera is misaligned
- When the detection area is misaligned by inclination on the road

Situations where the front and rear traffic alert may activate by chance

- When a person or a vehicle steps away parallel from your vehicle *5
- When a labarum outside of a convenience store or a street tree swings in the wind
- When there is a wall or a shutter which has running wavy pattern, fences, white lines, a metal lid such as a grating cover
- When the lights from signs, the turn signal lights or the reversing lights of a vehicle or your vehicle are flashing nearby
- When waterdrop or white smoke runs on a camera lens
- When the road is wet and shiny or there are puddles after the rain
- When the brightness is changed by shadow of trees or buildings
- When your vehicle is severely inclined
- When a strong impact is applied to a camera and its peripheral part and the installed position of the camera is misaligned
- When the detection area is misaligned by inclination on the road

How to understand the displayed items on the screen
The following guide lines and buttons will be displayed on the screen.
The guide lines would provide a rough indication for your driving operations.



55T050511

• Each displayed item in the above figure is a typical example; it depends on the vehicle type.

No.	Displayed item	Contents
(1)		This shows the position of your vehicle.

No.	Displayed item	Contents	
(2)		This shows that the forward of your vehicle is displayed and the front and rear traffic alert is activated.	By touching the button, you can change ON/ OFF of front and rear traffic alert.
		This shows that the backward of your vehicle is displayed and the front and rear traffic alert is activated.	
		This shows that the front and rear traffic alert is not activated.	
			
		This shows that you increases the vehicle speed and the front and rear traffic alert is not activated.	
			

No.	Displayed item	Contents
(2)		This shows that there is abnormality in the front and rear traffic alert. Consult Your Toyota Dealer to have the function inspected.
		
(3)		This shows that the top image and forward image are displayed.
		This shows that the top image and backward image are displayed.
		This shows that the forward wide image is displayed.
		This shows that the backward wide image is displayed.

No.	Displayed item	Contents
(3)		This shows that the side image and forward image are displayed.
		This shows that the side image and backward image are displayed.

No.	Displayed color	Item name	Contents
(4)	Green or yellow or red	Indication detected from the rear parking sensors	When the vehicle is reversing and the rear parking sensors detect a wall or an obstacle, this icon is displayed.
(5)	Yellow	Indication of front and rear traffic alert	When a person or a vehicle moves from the outside to the center in the detection area of a camera, this icon is displayed.
(6)	Green	Guide line for the course	In conjunction with your operations of the steering wheel, this shows the guide line of predicted course when your vehicle moves forward or backward. *

*: When the steering wheel is in straight position, the top image and the guide line for the course of forward / backward movement will not be displayed. When forward, the guide line for the course for Traveling Inside will not be displayed.

No.	Displayed color	Item name	Contents
(7)	Red	Guide line for the distance	This shows the guide line of the position about 0.5 m (1.6 ft) forward or backward from the center of bumper front-end or bumper back-end
(8)	Yellow		This shows the guide line of the position about 1 m (3.3 ft) forward or backward from the center of bumper front-end or bumper back-end.
(9)	Light blue		This shows the guide line of the position about 2 m (6.6 ft) forward or backward from the center of bumper front-end or bumper back-end.
(10)	Purple	Guide line for the vehicle width (vertical line)	This shows the guide line of the position slightly outside of the vehicle width (including the width of outside rearview mirrors).
		Guide line for the vehicle width (horizontal line)	This shows the guide line of the position the most front-end of the vehicle.

- As each guide line is displayed towards road surface, the distance from your vehicle to an obstacle such as the parked vehicle near your vehicle is not accurately displayed. Also, as the top image is displayed by processing the image based on a flat road surface, the position of an obstacle (such as the bumper of the other vehicle) where is higher than the road surface is not accurately displayed.
- Trapezoidal guide lines for the distance and the vehicle width which are displayed on the screen are rough indications and they depend on the actual distance and vehicle width.
- If you modify suspensions or replace a tyre by undesignated tyre, the guide lines and the top image will not be accurately displayed.

⚠ CAUTION

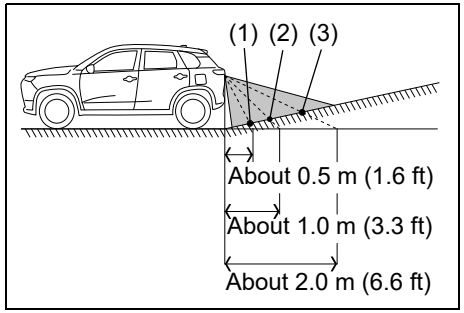
- **The top image is the quasi-image which combines and processes several images from the cameras on the outside rear-view mirrors, the forward of your vehicle and the backward of your vehicle. Therefore, the top image may be displayed as follows:**
  - **– A steric object is displayed as if it is fell down.**
  - **– If the position of a steric object is higher than the road surface, the object is displayed farther away or it is invisible.**
  - **– A part of the steric object is not displayed inside the screen frame or its position is misaligned.**
- **A steric object on the forward image or the backward image may not be displayed on the top image.**
- **On the top image, the lines on the road may be misaligned on the frame of screen or these lines may look bended. The farther distance from your vehicle there is, the much misalignment the lines have.**
- **When the position of a camera is misaligned, the images or the guide lines may be misaligned. Ask Your Toyota Dealer to have the camera inspected.**
- **On a snowy road or a slippery road surface, the guide line for the course and the actual course may be different.**
- **As the icon of vehicle on the top image is displayed by a computer graphics, it is different from color, shape and size of the actual vehicle. Therefore, the position between your vehicle and the road surface or obstacles may be different from the actual position.**
- **On the top image, the brightness of the image from each camera may vary depending on brightness conditions.**
- **After an image is switched to the other image, it may be displayed late. Until the 360 view camera is completely displayed, the image may be temporarily distorted.**
- **The camera of the 360 view camera uses a special lens. Therefore, the displayed distance and the actual distance may look different and the target object may be displayed as a distorted image. The farther distance from your vehicle there is, the much tendency these situations have.**
- **As the wide image displays a large range, it displays a significantly-distorted image. Also, the distance on the wide image looks different from the actual distance.**

NOTE:
When you activate the infotainment system or there is abnormality on the touch panel, you cannot operate the buttons. In this case, wait for a while. Or, press the camera switch to go back to the original displayed screen, press the camera switch again and operate the buttons while the screen is displayed.
If you cannot operate the buttons to perform the above procedure, consult Your Toyota Dealer.

Difference between the camera image and the actual road surface
The position and distance which the guide lines on the screen shows vary depending on the number of passengers, the load capacity, the inclination and situation on the road surface. Directly check safety of the surroundings with your eyes.

When there is the uphill slope on your movement direction
You will see the guide line for the distance in front of the actual distance.

Backward image (Example):

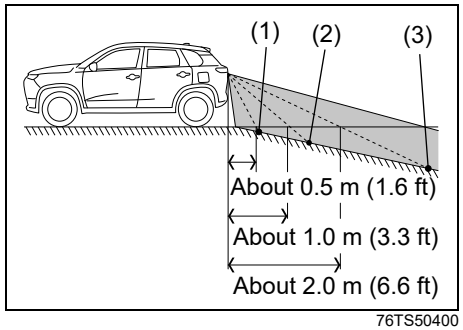


76TS50390

(1) Red, the point which the guide line for the distance (about 0.5 m [1.6 ft]) shows
(2) Yellow, the point which the guide line for the distance (about 1.0 m [3.3 ft]) shows
(3) Light blue, the point which the guide line for the distance (about 2.0 m [6.6 ft]) shows

When there is the downhill slope on your movement direction
You will see the guide line for the distance in the back of the actual distance.

Backward image (Example):

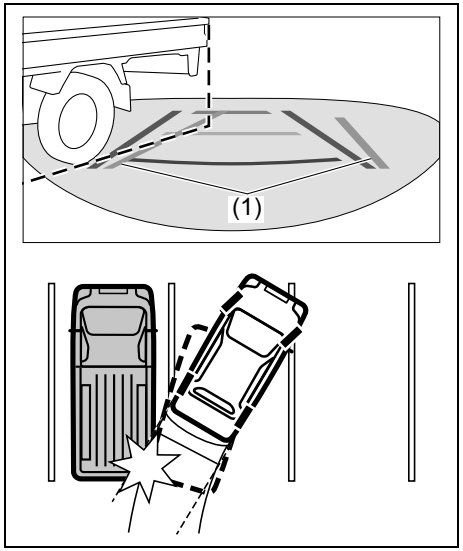


76TS50400

(1) Red, the point which the guide line for the distance (about 0.5 m [1.6 ft]) shows
(2) Yellow, the point which the guide line for the distance (about 1.0 m [3.3 ft]) shows
(3) Light blue, the point which the guide line for the distance (about 2.0 m [6.6 ft]) shows

When there is the steric object near your vehicle
In this case, the distance from your vehicle to the steric object may be different from the actual distance.

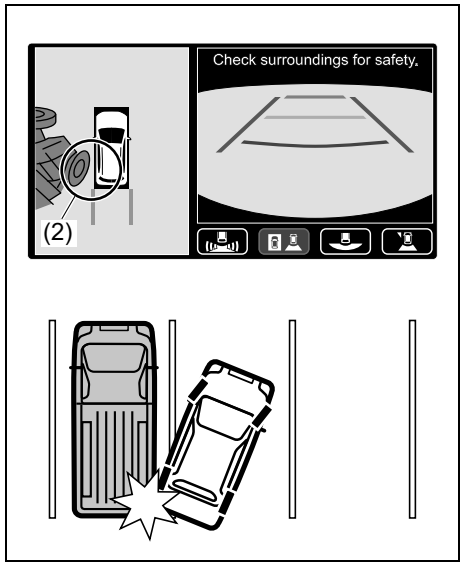
Example 1:



76TS51190

In the illustration, the guide line for the course (1) does not touch the body of the displayed truck. However, if the body of this truck protrudes on the actual course to which your vehicle will go, a collision may occur.

Example 2:



76TS51200

In the illustration, the top image (2) shows that there is a little distance between your vehicle and the body of the displayed truck. However, the actual distance is shorter than the displayed distance and a collision may occur.

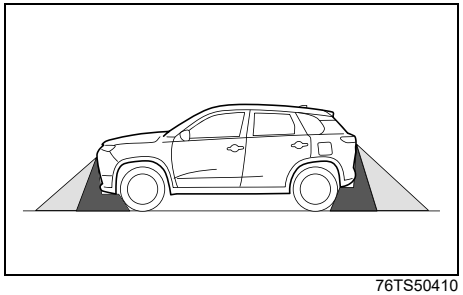
Displayed areas on the screen

- As for the displayed areas on the screen, refer to the illustrations in “The image of view area by the 360 view camera”. However, the areas around and under the front bumper and the rear bumper will not be displayed.
- The areas above a camera will not be displayed. If an obstacle is high or the upper part of an obstacle protrudes, such as a sign, the upper part will not be displayed on the screen.
- A feeling of distance on the image of the 360 view camera is different from the actual distance.
- If there is an obstacle such as the parked vehicle on the areas which are displayed on the screen, it may be displayed different from the actual distance.
- The backward image may be inverted on the screen, which is the same as you see the image on the inside rearview mirror or the outside rearview mirrors.
- As the front camera and the back camera are installed on the places which are a little misaligned from the center of your vehicle, the forward image and the backward image will be displayed with a little misaligned positions.

The image of view area by the 360 view camera

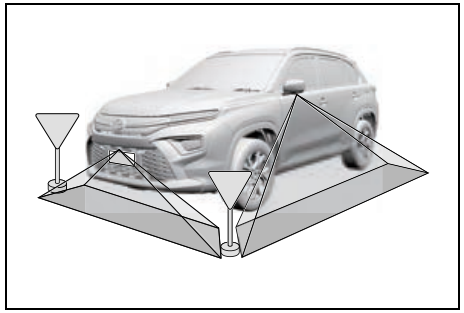
⚠ CAUTION

The specified areas will become blind spots which will not be displayed on the screen. Make sure to directly check the safety with your eyes.



76TS50410

- The areas under the front bumper and the rear bumper or the ground surface which is indicated in the below illustration may not be displayed on the screen.



76TS51310

- On the top image, an object near the edge of areas which a camera displays and an object which is higher than the road surface may not be displayed on the screen.

NOTE:
- *The image of the 360 view camera may be a little different from the actual color.*
- *If a moving object is displayed on the screen, its residual image may be displayed as well.*
- *Under the following situations, it may be difficult for the driver to see the image of the 360 view camera. However, it is not malfunction.*
  - *At night, on a rainy day or at a dark place*
  - *When the area around a camera is hot or cold under the blazing sun or the cold condition, or when humidity is high on a rainy day (A camera lens may be fogged)*
  - *When strong light directly streams to a camera (White vertical lines may be displayed on the image)*
  - *Under the lights such as the fluorescent light (The image on the screen may flicker)*
  - *When the outside air temperature is low (The screen may get dark)*
  - *When you park your vehicle for a long time with the engine on (Noise may be displayed on the image)*
  - *When a camera lens is dirty or when snow or waterdrop is attached to a camera lens*

Change of setting
You can adjust the image quality or change the setting of the 360 view camera and the front and rear traffic alert.

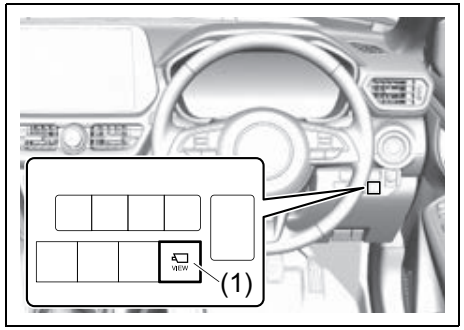
⚠ WARNING

If you do not change the setting in a safe place where there is nothing around your vehicle, an accident may occur.
Change the setting in a safe place where there is nothing around your vehicle.

NOTICE

If you change the setting for a long time with the engine off, the lead-acid battery may run out.
Change the setting with the engine on.

Adjusting the image quality
When you adjust the image quality, perform the following procedure:
1) Set the parking brake firmly.
2) Press the engine switch to change the ignition mode to ON.



76TS50340

3) After the opening image is finished, press the camera switch (1)

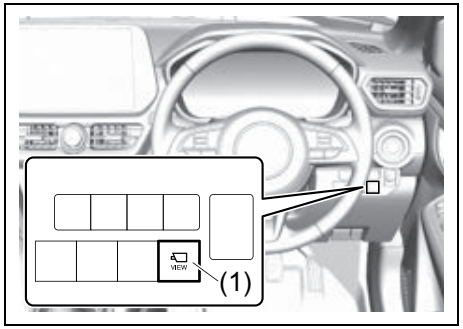


76TS50430

4) 3D view mode image will be displayed. Press the button (2) for adjusting the image quality.
5) Adjust brightness and contrast of the image to your preference.
6) When the button (2) is pressed, transition from 3D view to 2D view happens on the display screen.

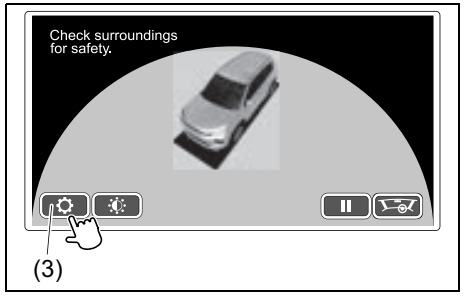
NOTE:
- *The figure of the set brightness varies depending on ON/OFF condition of the light.*
- *Refer to the owner's manual of infotainment system for details.*

Setting of the 360 view camera and the front and rear traffic alert
When you change the setting, perform the following procedure:
1) Set the parking brake firmly.
2) Press the engine switch to change the ignition mode to ON.



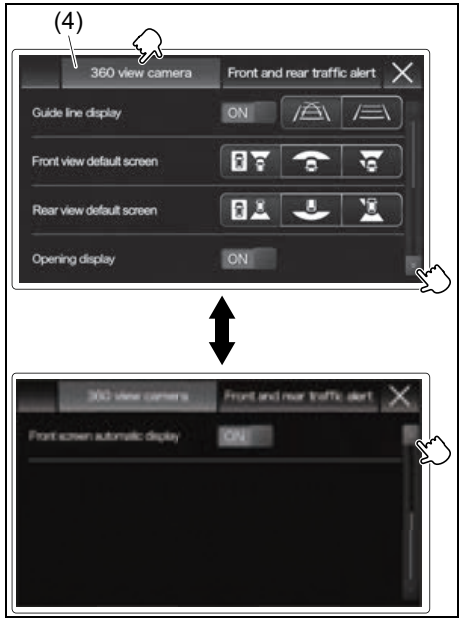
76TS50340

3) After the opening image is finished, press the camera switch (1).



76TS50440

4) 3D view mode image will be displayed. Press the button (3) for the setting.

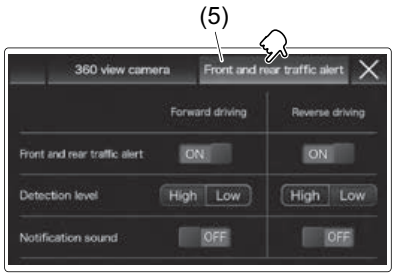


76TS50450

5) Touch the indication (4) to perform the setting of the 360 view camera. Change the setting to your preference. To switch to the different page, press ⏬ or ⏫.

• The image in the above figure is a typical example; it depends on the vehicle type.

Indication	Function
 59RN05500	You can select one of the following guide lines: • Hiding guide lines • Displaying guide lines which operate simultaneously with the steering angle • Displaying fixed guide lines
 76TS50460	As the image to check the forward area of your vehicle, you can select one of the following images: • Top image and forward image (default setting) • Forward wide image • Side image and forward image
 76TS50470	As the image to check the backward area of your vehicle, you can select one of the following images: • Top image and backward image (default setting) • Backward wide image • Side image and backward image
 59RN05530	You can display or hide 3D view mode which is automatically displayed on activation.
 76TS51210	When you shift the gearshift lever from “R” to the other position than “P”, you can display or hide the camera image which is automatically displayed.



76TS50480

6) Touch the indication (5) to perform the setting of the front and rear traffic alert. Change the setting to your preference.

• The image in the above figure is a typical example; it depends on the vehicle type.

Indication	Function	
 59RN05550	You can select ON/OFF condition of the front and rear traffic alert.	
 59RN05560	You can select one of the following detecting levels.	
	High: High level	Low: Low level
 59RN05570	You can select ON/OFF condition of sound (buzzer) for the above-mentioned function. (The default setting is in OFF state.)	

Handling a camera
When applying wax, be careful not to apply any to the camera.

⚠ WARNING

- **Refer "Washing by a high-pressure cleaner" in "APPEARANCE CARE".**
- **As the camera is a precision device, do not subject it to strong impacts. Do not poke with a stick or other similar object to remove mud or frozen snow that has adhered to the camera. Doing so may damage the camera or cause fire or malfunction.**

⚠ CAUTION

- **When you strike a camera or its periphery, the image may not be displayed properly. Ask Your Toyota Dealer to have the camera inspected.**
- **When you replace a camera with new one, adjustment is necessary. Ask Your Toyota Dealer for adjustment.**
- **Do not attach any object which prevents the camera's activation to the camera and its periphery. You cannot attach the backlit license plate.**

NOTICE

- **Disassembling the camera may cause damage such as loss of water resistance.**
  Do not remove, disassemble or modify the camera.
- **Refer to "Caring for Cameras" in "APPEARANCE CARE".**

When you doubt malfunction of camera

When the error mark of camera system is displayed on the screen
When the error mark ⚠ is displayed on the screen, there is abnormality in the camera system.
- If the error mark does not disappear, ask Your Toyota Dealer to have the camera system inspected.

When the image quality on the 360 view camera is poor
- When a camera lens is dirty, you may have difficulty to see the image. If waterdrop, snow or dirt is attached to the camera lens, wash it with water and wipe it off with a soft cloth. If the camera lens is heavily dirty or wax is attached to the camera lens, use a mild detergent.
- When reflected light from strong sun or strong headlights from the vehicle behind your vehicle streams directly to a camera, white lines may be displayed on the image and you may have difficulty to see the image. However, this is not malfunction.

When the image and the guide lines are misaligned
In the following case, the image and the guide lines will be misaligned. However, this is not malfunction.
- Your vehicle is tilted due to the number of passengers and baggage.
- Vehicle height has changed due to alterations such as fitting tire chains or changing the tire pressure.
- Using the 360 view camera on a sloping area of road.
- When the front door or the tailgate is open.
- In cases other than those listed above, the camera may be out of position. Have the vehicle inspected by Your Toyota Dealer.

When the steering wheel is straight but the course guide line is curved
This could be due to a malfunction in the camera system. Have the vehicle inspected by Your Toyota Dealer.

License Information

The software in the 360 view camera includes open software. The license information is as follows:

[T-Kernel]

This Product uses the Source Code of T-Kernel under T-License granted
by the T-Engine Forum (www.tron.org).

[OpenGL ES]

SGI FREE SOFTWARE LICENSE B (Version 2.0, Sept. 18, 2008)

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Parking Sensors



76TS51100

(1) Symbol representing an obstacle detected by parking sensor*

* This symbol shows that an obstacle is located on the right rear of vehicle.

- The parking sensor system uses ultrasonic sensors to detect obstacles near the rear bumper. If obstacles are sensed while you are parking or moving the vehicle slowly, the system warns you by sounding a buzzer and displaying symbols representing the obstacles on the information display in the instrument cluster.
- The system emits an ultrasonic wave and the relevant sensor detects the return of the wave reflected by an obstacle. The system measures the time taken by the ultrasonic wave to reach theobstacle and return from it, from which it determines the obstacle's position.
- The parking sensor function can be used when the engine switch is pressed to change the ignition mode to ON, the gearshift lever is in the "R" position and the parking sensor switch is in "ON" position. This function is helpful in the following cases: pulling over to the curb; parallel-parking the vehicle; steering the vehicle into a garage; driving along an alley; and moving slowly in a place with obstacles.

⚠ WARNING

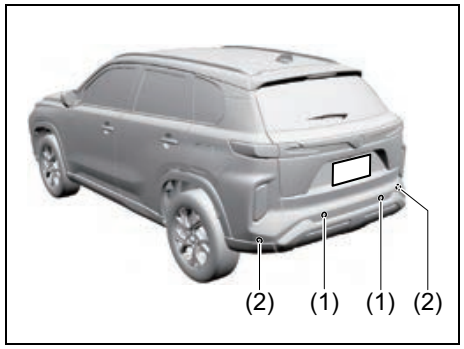
- **The parking sensor warns you of obstacles with buzzers and by showing you the location of the obstacles on the information display. However, you must still pay full attention yourself while driving.**
- **The sensors can detect obstacles only within a limited area and only when the vehicle is moving within a limited speed range. So, in tricky areas, you must move the vehicle slowly while checking around it using your direct vision or rearview mirrors. There is increased risk of an accident if you control the vehicle relying only on the parking sensor.**

NOTICE

Parking sensors are only for driver's assistance.

NOTE:
When the gearshift lever is shifted to the "R" position, a buzzer will sound once.

Sensor Locations



76TS51330

(1) Rear center sensors (2 places)
(2) Rear corner sensors (2 places)

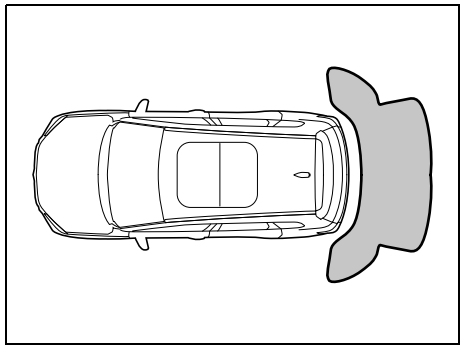
NOTICE

- **Avoid hitting the sensor areas or directing the nozzle of a high-pressure car washer onto the sensor areas. Otherwise, the sensors may be damaged.**
- **If the bumper hits a hard object, the sensors on it may not work properly. If this occurs, have the sensors inspected by Your Toyota Dealer.**

Working sensors
The sensors work depending on the gearshift lever position as follows:

Gearshift lever position		Manual transmission		Automatic transmission / e-CVT		Parking brake
		R	N, 1st – 5th	R	N or D	
Rear sensors	Center	On	Off	On	Off	No relation
	Corner	On	Off	On	Off	No relation

Approximate areas where obstacles can be detected



76TS50520

- An obstacle within about 20 cm (8 in) from a sensor or just below a sensor is not detectable.
- The sensors can detect obstacles such as a wall up to about 1.5 m (5 ft) from the rear of vehicle.

⚠ WARNING

- **Under the following conditions, the parking sensor system may not work normally because the sensors cannot detect obstacles correctly.**
  - **– Sensors are covered with mud, ice or other materials (Such materials must be removed for normal operation).**
  - **– Sensors are wet from water splashes or heavy rain.**
  - **– Sensors are covered by a hand, sticker, accessory, etc.**
  - **– There is an accessory or other object attached within the sensor's sensing area.**
  - **– Items such as tow hooks, commercially available corner poles, radio antenna, etc. are installed on the bumper.**
  - **– The height of the bumper is changed due to alteration to the suspension or other causes.**
  - **– The sensor areas are extremely hot from direct sunlight or cold due to freezing weather.**
  - **– The vehicle is on a rough surface, slope, gravel road or grass field.**
  - **– The vehicle is at a steep angle.**

(Continued)

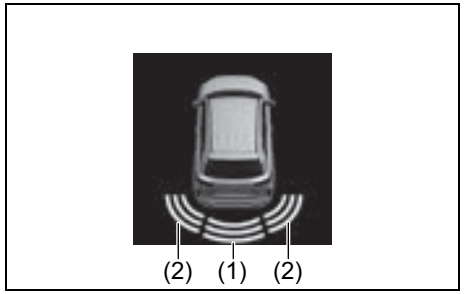
⚠ WARNING

(Continued)

  - **– Sensors have intercepted ultrasonic noise from another vehicle's horn, engine, air braking system (large vehicles), or parking sensor.**
  - **– Obstacles are too close to the sensors.**
  - **– Sensors are at an angle to a highly reflective object such as glass (Ultrasonic waves are not reflected back from the obstacle).**
- **Sensors may not be able to correctly detect the following types of obstacles:**
  - **– Objects made of a thin material like wire netting and ropes.**
  - **– Square-shaped curbstones or other objects with sharp edges.**
  - **– Tall objects with a large upper part like a road sign.**
  - **– Low-profile objects such as curbstones.**
  - **– Sound-absorbing objects such as cotton and snow.**

NOTE:
- *Thin poles or obstacles lower than the sensors may become undetectable as the vehicle moves closer to them even if they have been detected from longer distances.*
- *The system may calculate the distance to a road sign or similar obstacle to be shorter than the actual distance.*

Obstacle Indication by Parking Sensor



76TS51110

(1) Obstacle detected by rear center sensors
(2) Obstacle detected by rear corner sensors

Upon detecting an obstacle, the parking sensor causes an interior buzzer to sound and a symbol representing the obstacle appears on the information display in the instrument cluster.
- A different symbol is displayed depending on the direction and distance of the obstacle.
- A buzzer located behind the rear seat sounds when a sensor at the rear detects an obstacle.
- Warnings when obstacles are detected by rear sensors

Distance (approx.)		Buzzer	Symbol
Center sensors	60–150 cm (24–59 in)	Short beeps at long intervals	Three lines
45–60 cm (18–24 in)		Short beeps at short intervals	
35–45 cm (14–18 in)		Short beeps at very short intervals	Two lines
Less than 35 cm (14 in)		Continuous beep	One line

NOTE:
- *Symbols are displayed with a short delay after the detection of obstacles.*
- *If the system detects multiple obstacles simultaneously, the display shows all of their positions using the corresponding symbols. However, the buzzers will sound only for the nearest obstacles.*

Warning and Indicator Messages

If there is a problem or warning regarding the parking sensor system, a message is displayed on the information display in the instrument cluster, and a symbol blinks and the buzzer sounds. If a message is displayed, follow its instruction.
The buzzer sounds intermittently. The indicated sensor is contaminated. Wipe it clean with a soft cloth. If the buzzer does not stop after wiping, there may be problem with the parking sensor system.
Have your vehicle inspected by Your Toyota Dealer.

Message Instrument Cluster (Type A)	Symbol	Probable cause and remedy
	Two blinking lines in a sensor location	There may be a problem with the parking sensor system. Have your vehicle inspected by Your Toyota Dealer.
	One blinking line in a sensor location	The indicated sensor is contaminated. Wipe it clean with a soft cloth.

Message Instrument Cluster (Type B)	Symbol	Probable cause and remedy
	Two blinking lines in a sensor location	There may be a problem with the parking sensor system. Have your vehicle inspected by Your Toyota Dealer.
	One blinking line in a sensor location	The indicated sensor is contaminated. Wipe it clean with a soft cloth.

Rearview Camera (if equipped)

When the gearshift lever is shifted to “R” position while the ignition mode is ON, the rearview camera system automatically shows the view behind the vehicle on the display.

⚠ WARNING

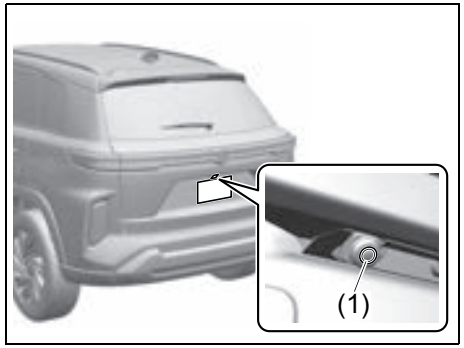
The distance viewed in the rearview camera may differ from the actual distance according to the condition of road or the load the vehicle is carrying. Since the camera display area is also limited, backing up by only looking at the display may cause an accident or a crash with an object.
The rearview camera cannot replace the driver’s attention. The driver alone is responsible for parking and similar driving maneuvers.

- **Use the rearview camera only to provide driving assistance.**
- **Always drive carefully confirming the safety of the rear and the surrounding conditions by looking directly with your eyes and using the rear view mirror.**
- **Check that the trunk lid is securely closed when backing up.**

NOTICE

If you use the rearview camera for a long time when the ignition mode is ON, but the engine is not running, the battery may discharge.
Do not leave the ignition mode to ON for a long time when the engine is not running.

Rearview Camera Location



76TS50550

(1) Rearview camera

The rearview camera is installed on the tailgate.

NOTICE

The rearview camera is a precision instrument. If you strike the camera, it may be broken and cause damage resulting in a catch fire or a malfunction.
- **Do not strike the camera.**
- **Do not remove snow or mud on the camera lens with a stick.**

NOTICE

If water enters the rearview camera, it may cause a malfunction or catch fire.
Do not use high pressure water around the camera.

NOTICE

This lens is hard coated to prevent damage or discoloration. Damage or discoloration of lens may obscure the image.
- **Do not use a brush to clean lens.**
- **Do not use alcohol, benzene or thinner to clean the lens.**
- **Do not use wax on the camera lens.**

NOTE:
If body wax gets on the camera lens, wipe off the wax with a clean cloth dampened with mild detergent diluted with water, and then wipe the lens with a dry cloth.

How to use rearview camera

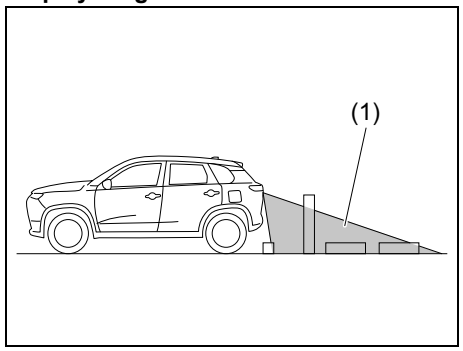
1) Press the engine switch to change the ignition mode to ON.
2) Shift the gearshift lever in “R” position.
   - The display automatically shows the view behind the vehicle.
   - When the gearshift lever is shifted from “R” to another gearshift lever position, the display returns to the previous display.

NOTE:
The rearview camera display has first priority in any display mode. However, the rearview camera display does not show the rear view while the system is initializing.

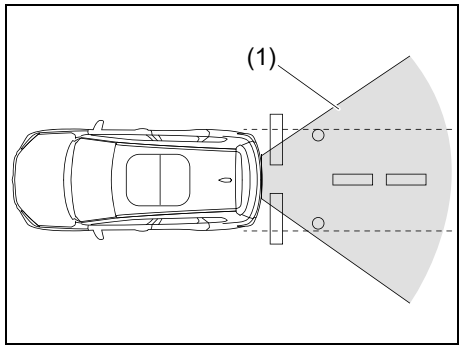
Display Range of Rearview Camera

The rearview camera display shows the area behind the rear end of the bumper. The display cannot show objects which are close to the bumper or under the bumper.
The rearview camera display cannot show obstacles which are higher than the camera. Upper parts of tall objects such as road signs cannot be viewed on the display.

Display range of rearview camera



76TS50560



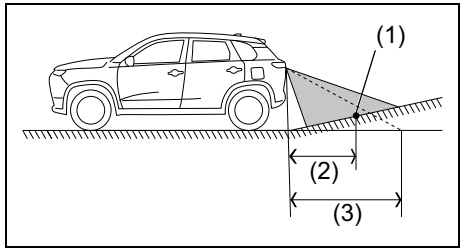
76TS50570

(1) Display range

NOTE:
- *Images shown on the display from the rearview camera are reversed images (mirror images).*
- *The colors of objects on the rearview camera may differ from the actual object colors.*
- *The rearview camera display may be difficult to see under the following conditions, but this is not a system malfunction.*
  - *In dark areas, on a rainy day or at night.*
  - *When the temperature around the lens is too high/low, or the camera is wet such as on a rainy day or during periods of high humidity (dew condensation may occur on the camera lens).*
  - *When a foreign object such as mud or a drop of water is stuck around the camera lens.*
  - *When strong light directly enters the camera (vertical lines may be seen on the display).*
  - *Under fluorescent light (The display may flicker).*
  - *When the outside temperature is low (the image on the display may be darkened).*

Rearview camera screen indication
The distance viewed in the rearview camera may differ from the actual distance according to the condition of the road or the load the vehicle is carrying.

Uphill incline behind the vehicle

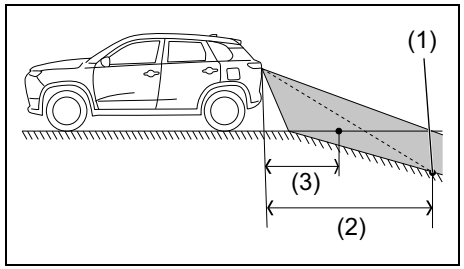


76TS50580

(1) Object
(2) Actual distance
(3) Distance on the display

When there is an uphill incline behind the vehicle, the object shown on the display appears farther away than the actual distance.

Downhill incline behind the vehicle



76TS50590

(1) Object
(2) Actual distance
(3) Distance on the display

When there is a downhill incline behind the vehicle, the object shown on the display appears closer than the actual distance.

If the rear view from the rearview camera is not shown or there is a poor image

- If the rear view from the rearview camera is not shown.
  – Check that the ignition mode is ON.
  – Check that the gearshift lever is shifted to “R” position.

- If the image from the rearview camera is poor.
  – Check that the camera lens is not dirty.
  – Check that light from the sun or the beam of the headlights from the vehicle behind is not shining directly into the lens.

If the rearview camera system is still not working properly after checking the above, have the system inspected by Your Toyota Dealer as soon as possible.

Electronic Stability Program (ESP®)

ESP® is a registered trademark of Mercedes-Benz Group AG.

The Electronic Stability Program (ESP®) helps to control the vehicle during cornering if front wheels or rear wheels skid. It also assists you in maintaining traction while accelerating on loose or slippery road surfaces. It does this by regulating the engine’s or the hybrid system’s output, and by selectively applying the brakes. In addition, ESP® helps to avoid skidding by controlling braking pressure.

⚠ WARNING

The ESP® cannot enhance the vehicle’s driving stability in all situations and does not control your vehicle’s entire braking system. The ESP® cannot prevent accidents, including those resulting from excessive speed in turns, or hydroplaning. Only safe and attentive drive can prevent accidents.
The capabilities of an ESP®-equipped vehicle must never be used as a substitute for careful driving.

The ESP® has the following systems:

Anti-lock Brake System (ABS)

Refer to “Anti-lock Brake System (ABS)” in this section.

Brake Assist System

Refer to “Brake Assist System” in this section.

Traction Control System

The traction control system automatically helps prevent the spinning of wheels when the vehicle is started or accelerated on slippery road surfaces. The system operates only if it senses that some of the wheels are spinning or beginning to lose traction. When this happens, the system operates the front or rear brakes and reduces the engine power or the hybrid system power to limit wheel spin.

Stability Control System

The vehicle stability control system helps provide integrated control of systems such as anti-lock brakes, traction control, engine control, etc. This system automatically controls the brakes and the engine or the hybrid system to help prevent the vehicle from skidding when cornering on a slippery road surface or when turning the steering wheel abruptly.

⚠ WARNING

Always check the surrounding conditions and drive the vehicle in a safe manner, as controlling the vehicle by ESP® has limits and ESP® may not function properly depending on the surrounding conditions.

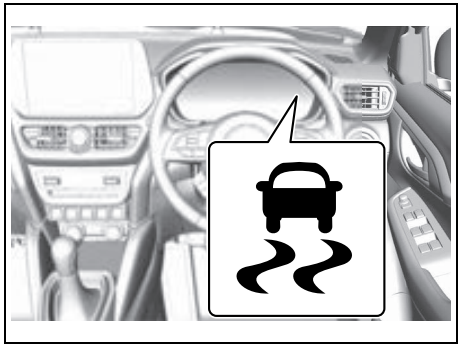
⚠ CAUTION

- **Observe the following points. Otherwise, ESP® may not operate properly or it may result in a malfunction.**
  - **– Adjust the tyre pressure as specified.**
  - **– When replacing tyres, use the same tyres with the size, type, and tread patterns.**
  - **– Do not use the tyres which have excessively worn conditions.**
  - **– Do not modify the suspension or the brake and do not change vehicle height or suspension hardness.**
  - **– Do not drive the vehicle with suspension or brake excessively deteriorated.**
  - **– Do not modify the engine or the muffler.**
  - **– Do not install LSD (limited slip differential).**
- **When you install the snow chains, ESP® may not operate properly.**

NOTE:

- *If you perform the following operations, you may hear an operation sound or a clicking sound. This means that the ESP® system is in the self-check mode and this does not indicate a malfunction.*
  - *When pressing the engine switch / the power switch to change the ignition mode to ON*
  - *When releasing your foot from the brake pedal, after the ignition mode is ON with the brake pedal depressed*
  - *When starting the engine or the hybrid system*
  - *When starting the vehicle after starting the engine or the hybrid system*
  - *When engine revolutions is high and ESP® operates, you may feel the change of engine revolutions or vibration of vehicle body. However, this is normal.*

ESP® Indicator Light



76TS50600

- If there is a problem in the ESP® system with the engine switch / the power switch in ON mode, this light will come on. While this light comes on, the following situations will occur. In this case, ask Your Toyota Dealer for inspection.
  - The following functions will not work:
    - Traction control system
    - Stability control system
  - Hill hold control system may not work.
  - ABS will work.
  - Depending on the malfunction condition, brake assist system may not work.

- If any of the following situations occurs, this light will blink at very short intervals of 0.2 seconds.
  - Traction control system is activated when starting or accelerating the vehicle
  - Stability control system is activated when making a sharp turn or whirling round
  - For the vehicle with the hybrid system, when the ABS is activated

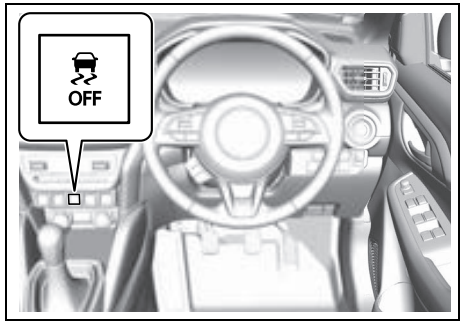
- If the system is in normal condition, when you press the engine switch / the power switch to change the ignition mode to ON, this light will come on for about 2 seconds and then come off.

⚠ CAUTION

If this light blinks at very short intervals, there is high possibility that the vehicle will be stuck or skid on a slippery road surface. In this case, drive the vehicle very carefully.

NOTE:
While this light comes on, traction control system and stability control system will not be activated. However, you can use ABS.

ESP® OFF Switch

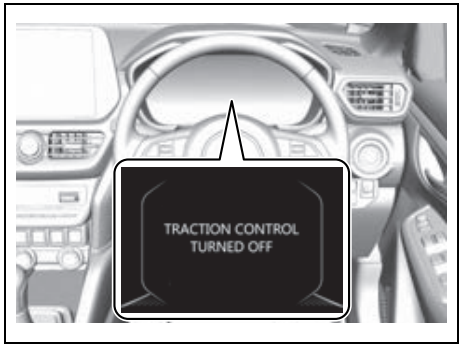


76TS50620

- In the following situations, keep pressing the ESP® OFF switch until the ESP® OFF indicator light in the instrument cluster comes on. Traction control system and stability control system will not work.
  – When placing the vehicle on the tester for automobile inspection, traction control system and stability control system needs to be deactivated.
  – If your vehicle is stuck and you try to get out of the stuck condition, traction control system may not be suitable.
- If you perform the following operations, the ESP® OFF indicator light will come off. Also, traction control system and stability control system will return to be in the activated condition.
  – Pressing the ESP® OFF switch again
  – Stopping the engine / the hybrid system and then restarting the engine / the hybrid system
- If you would like to perform normal driving after escaping from the stuck condition, press the ESP® OFF switch again. This will allow the ESP® OFF indicator light to come off and the vehicle will return to the original condition. Traction control system and stability control system will not be activated automatically. (except when stopping the engine / the hybrid system and then restarting the engine / the hybrid system)

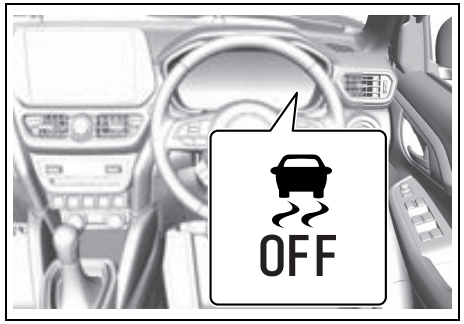
NOTE:
For safety reasons, even if you press the ESP® OFF switch, ABS and brake assist system will not be deactivated.

- For the vehicle with the hybrid system, you can disable the traction control system. If the vehicle gets stuck in mud, dirt or snow, the traction control system may reduce power from the hybrid system to the wheels. Press the ESP® OFF switch to turn the system off to make it easier for you to rock the vehicle in order to free it. To turn off the traction control system, quickly press and release the ESP® OFF switch. The message “TRACTION CONTROL TURNED OFF” will be shown on the information display. Press the ESP® OFF switch again to turn the system back on.



76TS51290

ESP® OFF Indicator Light



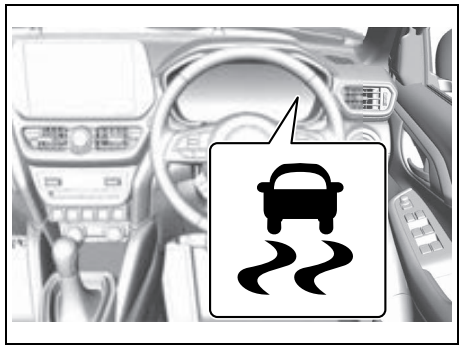
76TS50640

- If you press and hold the ESP® OFF switch with the ignition mode ON, this light will come on.
  – While this light comes on, traction control system and stability control system will not work.
- If the system is in normal condition, when you press the engine switch / the power switch to change the ignition mode to ON, this light will come on for about 2 seconds and then come off.

Hill Hold Control System

The hill hold control system is designed to assist you in starting to move up hills. When you start to move up a hill, the system helps to prevent the vehicle from rolling downward (for approximately 2 seconds) while you move your foot from the brake pedal to the accelerator pedal.

- The hill hold control system is not designed to stop the vehicle on a hill.



76TS50600

⚠ WARNING

- **Always check the surrounding conditions and drive the vehicle in a safe manner by depressing the brake pedal as necessary, as controlling the vehicle by the hill hold control system has limits and the system may not function properly depending on the surrounding conditions.**
- **If you do not depress the brake pedal firmly enough, the hill hold control system may not work.**
- **If you release your foot from the brake pedal for more than 2 seconds, the hill hold control system will be canceled. If so, the vehicle may roll downward, which can result in an accident depending on the degree of a slope. Also, the engine may stall and the power assist for the steering and brakes will not work so steering and braking will be much harder than usual which can result in an accident or vehicle damage. After you release your foot from the brake pedal, accelerate the vehicle to move up immediately.**

NOTE:
- *If there is a problem with the hill hold control system, the ESP® indicator light in the instrument cluster may come on and the hill hold control system may not work. In this case, consult Your Toyota Dealer.*
- *If you move up an excessively sharp slope, a frozen road or a mud track, or depending on laden weight, the vehicle may roll downward when you start the vehicle.*
- *If you move up an excessively sharp slope, a frozen road or a mud track and the hill hold control system activates, the tyres may be locked and the vehicle may not be controlled properly.*

Activation conditions for the hill hold control system

The hill hold control system activates to prevent the vehicle from rolling downward for about 2 seconds if your foot is moved from the brake pedal when the following conditions are all met.

- The gearshift lever is in the forward gear or reverse position.
- The parking brake is released.
- The vehicle is on an upward slope.
- The brake pedal is depressed firmly.

NOTE:
When the hill hold control system is activated, you may hear a sound coming from the engine room, or you may feel hardness of the brake pedal. These are normal and do not indicate a malfunction.

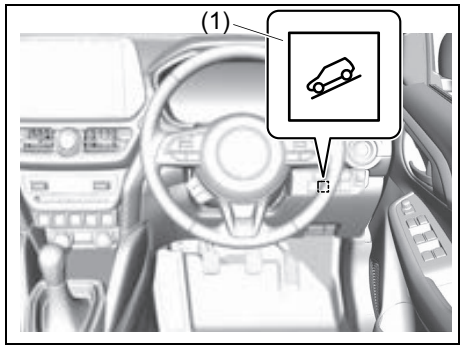
Hill Descent Control System (if equipped)

The hill descent control system is designed to reduce the driver's workload when going down steep, rough and/or slippery hills where the vehicle cannot decelerate enough by engine braking alone. The hill descent control system helps to control vehicle speed by automatically engaging the vehicle's brakes, as needed, so you can concentrate on steering the vehicle.

⚠ WARNING

Do not rely excessively on the hill descent control system. The hill descent control system may not control the vehicle speed on a hill under all load or road conditions. Always be prepared to control vehicle speed by applying the brakes. Failure to pay attention and control vehicle speed using the brakes when necessary may result in loss of control or an accident.

Hill descent control switch



76TS50700

(1) Hill descent control switch

To activate the hill descent control system:
1) Turn the driving mode switch (if equipped) to “LOCK” position.
2) Shift the gearshift lever into a forward gear or reverse gear.
3) Push the hill descent control switch (1) when the vehicle speed is under 25 km/h (15 mph). The hill descent control indicator on the instrument cluster will come on and the hill descent control system will be activated.

If the driving mode switch (if equipped) is in “LOCK” position, vehicle speed is maintained at approximately 10 km/h (6 mph) when going down a hill.
The brake/tail lights come on and the ESP® indicator light blinks while the hill descent control system applies the brakes to maintain the vehicle speed.
If the accelerator or brake pedal is depressed while the hill descent control system is activated, the system will stop working temporarily. As soon as the accelerator or brake pedal is released, the hill descent control system begins to function again if the hill descent control operating conditions are fulfilled. However, when the vehicle speed exceeds 35 km/h (22 mph), the hill descent control system will be deactivated automatically.
When the vehicle speed becomes under 25 km/h (15 mph), the hill descent control indicator will come on and the hill descent control system will be ready to be activated.
To deactivate the hill descent control system, push the hill descent control switch again.

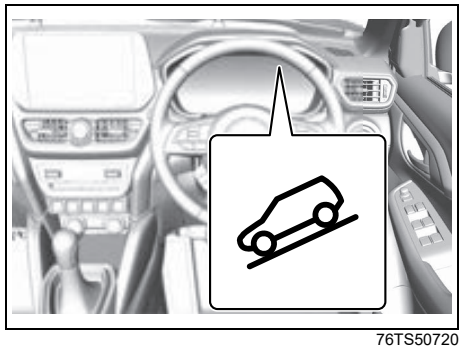
⚠ WARNING

- **When the hill descent control system is used continuously for a long time, the temperature of the brake system may increase and the hill descent control system may be deactivated temporarily to protect the device of the brake system. The hill descent control indicator blinks to let you know the system is deactivated. Depress the brake pedal and stop the vehicle in a safe place. When the temperature of the brake system goes down, the hill descent control indicator will come on and the system is activated again.**
- **The hill descent control system may be activated when the gearshift lever is in “N” (Neutral) position, but engine braking will not work. Always use the hill descent control system with the gearshift lever in a forward gear or reverse gear.**
- **When using the hill descent control system, push the hill descent control switch and make sure that the hill descent control indicator light comes on and no warning message is indicated on the information display.**

NOTE:
You may hear a sound coming from the engine room when the hill descent control system is activated. This sound is normal and does not indicate a malfunction.

To turn off the hill descent control system, push the hill descent control switch and turn off the hill descent control indicator light.

Hill descent control indicator light



76TS50720

When the ignition mode is in “ON” position, this light comes on briefly so you can check that the light is working.

When you push the hill descent control switch and the hill descent control operating conditions are fulfilled, the hill descent control indicator comes on. If the hill descent control indicator blinks, the hill descent control will not be activated.

If hill descent control indicator light comes on or blinks, while not operating the hill descent control switch, there is a problem in this system. Have your vehicle inspected by Your Toyota Dealer.

NOTE:
If the hill descent control indicator blinks when you push the hill descent control switch, the following conditions may not be fulfilled.
- *The driving mode switch (if equipped) is in “LOCK” position*
- *The gearshift lever is in a forward gear or reverse gear*
- *The vehicle speed is under 25 km/h (15 mph)*
- *The brake system is under normal operating temperature*

NOTE:
If any of the following conditions occur, there may be a problem with the hill descent control system or the ESP® system. Have your vehicle inspected by Your Toyota Dealer.
- *The hill descent control indicator does not come on or blink when you push the hill descent control switch.*
- *The hill descent control indicator stays on when driving without pushing the hill descent control switch.*

Instrument Cluster (Type A)



75RM224

Instrument Cluster (Type B)

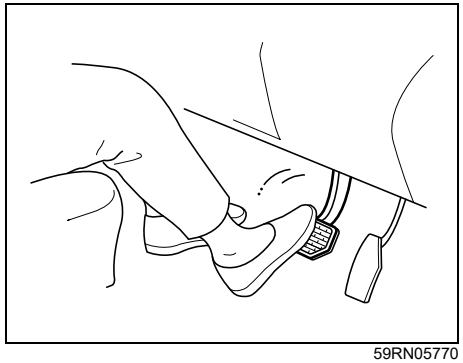


75RM224

If the message shown in the above illustration appears on the information display, master warning indicator light blinks and the interior buzzer beeps, there may be a problem with the hill descent control system and the hill hold control system. Have your vehicle inspected by Your Toyota Dealer.

NOTE:
You cannot activate the hill descent control system while this message is displayed.

Braking



59RN05770

The distance needed to bring any vehicle to a halt increases with the speed of the vehicle. The braking distance needed, for example, at 60 km/h (37 mph) will be approximately 4 times greater than the braking distance needed at 30 km/h (19 mph). Start to depress the brake pedal when there is plenty of distance between your vehicle and the stopping point, and slow down gradually.

⚠ WARNING

If water gets into the brake devices, brake performance may become poor and unpredictable. After driving through water or washing the underside of the vehicle, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.

Power-assisted Brakes

Your vehicle has power-assisted brakes. If power assistance is lost due to a stalled engine or other failures, the system is still fully operational on reserve power and you can bring the vehicle to a complete stop by pressing the brake pedal once and holding it down. The reserve power is partly used up when you depress the brake pedal and reduces each time the pedal is pressed. Apply smooth and even pressure to the pedal. Do not pump the pedal.

⚠ WARNING

Even without reserve power in the brake system, you can still stop the vehicle by pressing the brake pedal harder than normally required. However, the stopping distance may be longer.

Brake Assist System

When you slam the brakes on, the brake assist system determines it to be an emergency stop and provides more powerful braking for a driver who cannot hold down the brake pedal firmly.

NOTE:

- *If you quickly and forcefully depress the brakes, you may hear clicking sound by the brake assist system operation. This is normal and indicates that the brake assist system is activated properly.*

- *For the vehicle with the hybrid system, operating sound from the brake system may be heard in the following cases as well, but it does not indicate that a malfunction has occurred.*
  - *– Operating sound heard from the engine compartment when the brake pedal is operated.*
  - *– Motor sound of the brake system heard from the front part of the vehicle when the driver's door is opened.*
  - *– Operating sound heard from the engine compartment when one or two minutes passed after the stop of the hybrid system.*

Anti-lock Brake System (ABS)

ABS will help you avoid skidding by electronically controlling braking pressure. It will also help you maintain steering control when braking on slippery surfaces or when braking hard.
The ABS works automatically, so you do not need any special braking technique. Just push the brake pedal down without pumping. The ABS will operate whenever it senses that the wheels are locking up. You may feel the brake pedal move a little while the ABS is operating.

⚠ WARNING

- **Always check the surrounding conditions and drive the vehicle in a safe manner, as controlling the vehicle by ABS has limits and the system may not function properly depending on the surrounding conditions.**
- **If tyre grip performance is over the limit or hydroplaning occurs, ABS cannot work properly.**

NOTE:
- *If the ABS system is activated, you may hear a clunking noise and/or feel pulsating in the brake pedal. This is normal and indicates that the brake fluid pressure is being controlled properly.*
- *You may hear an operation sound when you start the engine / the hybrid system or after the vehicle begins to move. This means that the above systems are in the self-check mode. This sound does not indicate a malfunction.*
- *For the vehicle with the hybrid system, the ESP® indicator light in the instrument cluster will blink while the ABS is operating.*

Braking Distance

ABS is not designed to shorten the stopping distance.

⚠ WARNING

- **In the following situations, the braking distance required for a vehicle with ABS may be slightly greater than the one required for a vehicle without ABS, resulting in an accident. Drive the vehicle slowly and maintain ample distance between your vehicle and the vehicle in front of you.**
  - **– When driving on rough roads such as unpaved or stone-paved roads**
  - **– When driving on gravel roads or fresh snow roads**
  - **– When driving over bumps on the roads such as joint seams**
  - **– When passing over metal plates such as manholes**
  - **– When snow chains are installed**

NOTE:
- *When applying sudden brake or applying brake on slippery roads, the braking distance required for a vehicle with ABS is almost the same as the one required for a vehicle without ABS.*
- *If you would like to suddenly apply brake, just push the brake pedal down firmly without pumping. Otherwise, the longer braking distance will be required.*
- *The ABS will not work if vehicle speed is under about 9 km/h (6 mph). This depends on the road conditions.*

Vibration and Sound during ABS Operation

When strongly depressing the brake pedal, you might feel vibration of the brake pedal, the steering wheel, and the vehicle body. This is due to ABS operation, and does not indicate a malfunction; continue strongly depressing the brake pedal at this time.

NOTE:
Immediately after starting the engine / the hybrid system and beginning to drive, you might temporarily hear a motor sound. This means that the systems are in self-check mode. This sound does not indicate a malfunction.

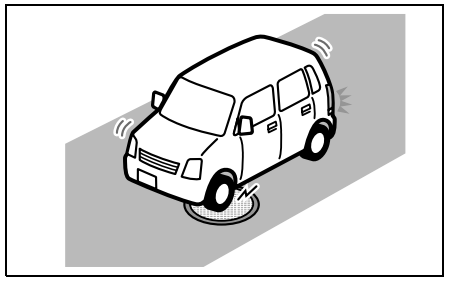
Tyres

⚠ WARNING

ABS detects each wheel rotation speed via a sensor. If tyres or wheels other than those specified in the owner's manual are used for size, type, tread pattern, or if worn conditions of tyres are different, the correct wheel rotation speed cannot be detected and ABS will not work properly. This may result in an accident.
When replacing tyres, use the tyres with the size, type, and tread patterns which are specified in this owner's manual.
Also, do not use the tyres which are excessively worn.

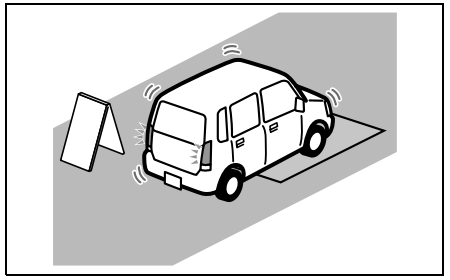
Situations where ABS may Activate by Chance when Applying Brake

- When driving on slippery roads



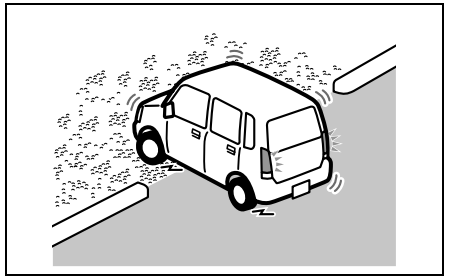
69RHS150

– Manholes



69RHS151

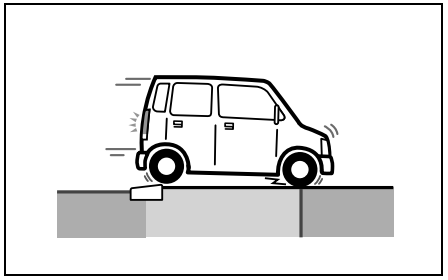
– Metal plates in construction zones



69RHS152

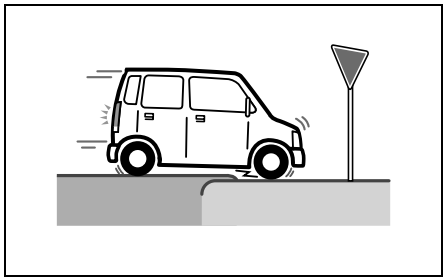
– Gravel roads

• When driving over joints in roads and other height differences



69RHS153

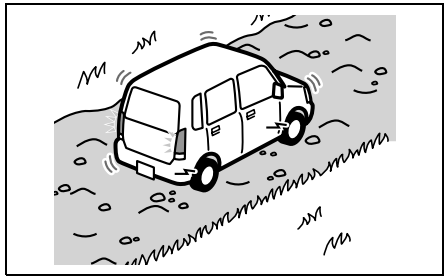
– Joints in roads



69RHS154

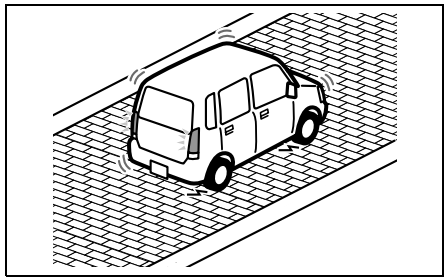
– Height differences in roads

• When driving on rough roads



69RHS155

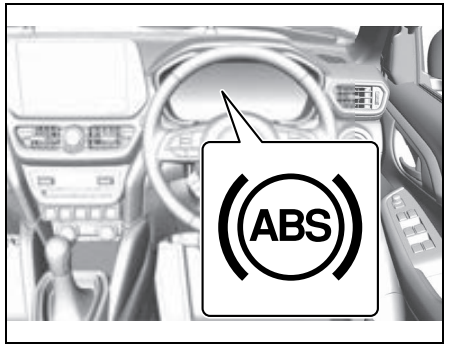
– Bumpy roads



69RHS156

– Cobblestone

ABS Warning Light



76TS50660

If there is a problem in the ABS system with the engine switch in ON mode, this light will come on.

Braking Assist

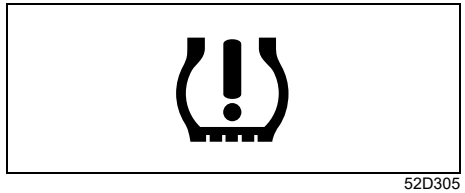
This function assists you in applying more force when operating the brake. When sudden braking is applied, the time until the ABS comes into full effect is shortened.

- If you do not depress the brake pedal firmly, braking assist will not operate.
- Brake assist is not a device that provides control beyond the original braking performance.

Tyre Pressure Monitoring System (TPMS) (if equipped)

The tyre pressure monitoring system is designed to alert you when one or more of the tyres on your vehicle is significantly under-inflated. The tyre pressure monitoring system (TPMS) sensor containing a unique identification code is mounted on each wheel. The TPMS sensors transmit tyre pressure signals to the receiver of the tyre pressure monitoring system controller. When the inflation pressure of one or more tyres indicates significant under-inflation, the low tyre pressure warning light comes on.

Low Tyre Pressure Warning Light



52D305

Each tyre should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tyre pressure label. (If your vehicle has tyres of a different size than the size indicated on the vehicle placard or tyre pressure label, you should determine the proper tyre pressure for those tyres.)

As an added fuel efficiency feature, your vehicle has been equipped with a tyre pressure monitoring system (TPMS) that illuminates a low tyre pressure warning light when one or more of your tyres is significantly under-inflated.

Accordingly, when the low tyre pressure warning light illuminates, you should stop and check your tyres as soon as possible, and inflate them to the proper pressure.

Driving on a significantly under-inflated tyre causes the tyre to overheat and can lead to tyre failure. Under-inflation also reduces fuel efficiency and tyre tread life, and may affect the vehicle's handling and stopping ability.

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

⚠ WARNING

Relying only on the tyre pressure monitoring system to determine when it is necessary to add air to the tyres can result in loss of control or an accident.
Check tyre pressures monthly when the tyres are cold. If necessary, adjust them to the recommended inflation pressure as specified on the vehicle's tyre information placard and in this owner's manual. Refer to "Tyres" in "INSPECTION AND MAINTENANCE" section.

⚠ WARNING

Failure to take corrective action when the low tyre pressure warning light is not working or when it comes on and blinks while driving can lead to an accident.
If the low tyre pressure warning light does not come on for 2 seconds after the engine switch is pressed to change the ignition mode to ON, or comes on and blinks while driving, have your vehicle inspected by Your Toyota Dealer. Even if the light turns off after blinking, indicating that the monitoring system has recovered, you should still have the system checked by Your Toyota Dealer.

⚠ WARNING

The load-carrying capacity of your tyres is reduced at lower inflation pressures. If your tyres are even moderately under-inflated, the load on the tyres may exceed the load-carrying capacity of the tyres, which could lead to tyre failure. The low tyre pressure warning light will not alert you to this condition, because it only comes on when one or more of your tyres becomes significantly under-inflated. Check and adjust your tyre pressure at least once a month. Refer to "Tyres" in "INSPECTION AND MAINTENANCE" section.

⚠ WARNING

Continuing to drive with the low tyre pressure warning light on can lead to an accident, resulting in severe injury or death.
If the low tyre pressure warning light comes on and stays on, reduce your speed and avoid abrupt steering and braking. Be aware that driving on a significantly under-inflated tyre can cause the tyre to overheat and can lead to tyre failure, and may affect steering control and brake effectiveness. Stop in a safe place as soon as possible and check your tyres.

- **If you have a flat tyre, replace it with the spare tyre (optional). Refer to "Jacking instructions" in "EMERGENCY SERVICE" section for the tyre replacement method. Also refer to "Replacing tyres and/or wheels" for instructions on how to restore normal operation of the TPMS after you have had a flat tyre.**

(Continued)

⚠ WARNING

(Continued)

- **If one or more of your tyres is under-inflated, adjust the inflation pressure in all of your tyres to the recommended inflation pressure as soon as possible.**

The low tyre pressure warning light can come on due to normal causes such as natural air leakage and pressure changes caused by changes in temperature or atmospheric pressure. Adjusting the air pressure in the tyres to the pressure shown on the tyre information placard should cause the low tyre pressure warning light to turn off.

To make the low tyre pressure warning light go off, adjust the tyre pressures when the tyres are cold, and drive the vehicle for about 10 minutes.
When the adjusted tyre pressure is recognized, the low tyre pressure warning light will go off and the information display shows the current tyre pressure (if you select the TPMS monitor (if equipped)).

NOTICE

If the low tyre pressure warning light does not go off even when you drive for more than 10 minutes after adjusting the cold tyre pressure, there may be a problem with the TPMS. Have your vehicle inspected by Your Toyota Dealer.

If the light turns on again shortly after adjusting the pressure in your tyres, you may have a flat tyre. If you have a flat tyre, replace it with the spare tyre (optional).
Refer to "Jacking instructions" in "EMERGENCY SERVICE" section. Refer to "Replacing tyres and/or wheels" for instructions on how to restore normal operation of the tyre pressure monitoring system after you have had a flat tyre.



80SS109

NOTE:

- *For a certain type of instrument cluster only, the information display shows the above warning and indicator message when this light comes on.*
- *When the tyre pressure is adjusted in high altitude areas, the low tyre pressure warning light may not turn off even after tyre pressure adjustment. In this case, adjust the inflation pressure to a slightly higher pressure than the one shown on the tyre information placard.*
- *The low tyre pressure warning light may turn off temporarily after coming on. This could be due to increase of surface temperature after long distance driving or traveling to a high temperature area. Even if the low tyre pressure warning light turns off after coming on, check the inflation pressure of all tyres.*
- *To reduce the chance that the low tyre pressure warning light will come on due to normal changes in temperature and atmospheric pressure, it is important to check and adjust the tyre pressures when the tyres are cold. If you check tyres after driving, they are warm. Even if the tyre pressure seems to be good in this condition, it could fall below the specified pressure when tyres cool down. Also, if tyres are inflated to the specified pressure in a warm garage, the tyre pressure could fall below the specified one when you drive the vehicle outside in very cold temperature. If you adjust the tyre pressure in a garage that is warmer than the outside temperature, you should add 1 kPa to the recommended cold tyre pressure for every 0.8°C difference between garage temperature and outside temperature.*

TPMS Malfunction Indicator

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly.

The TPMS malfunction indicator is combined with the low tyre pressure warning light. When the system detects a malfunction, the low tyre pressure warning light will flash for about 75 seconds and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

The TPMS malfunction indicator is not reset even after the engine is turned off; it remains in the ON state until the normal conditions are restored.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tyre pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tyres or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the low tyre pressure warning light after replacing one or more tyres or wheels on your vehicle to ensure the replacement or alternation of tyres and wheels to allow the TPMS to continue to function properly.

NOTICE

The tyre pressure sensors can be damaged if you do not take proper precautions.

- **We highly recommend that you have tyres repaired or replaced by Your Toyota Dealer. The tyre pressure sensors can be damaged by installation or removal of tyres.**

NOTICE

If the low tyre pressure warning light comes on frequently, there may be something wrong with one or more of the tyres, tyre pressure sensors or the monitoring system.
If the low tyre pressure warning light comes on frequently, have your vehicle inspected by Your Toyota Dealer.



80SS110

NOTE:
For a certain type of instrument cluster only, the information display shows the above warning and indicator message when this light comes on.

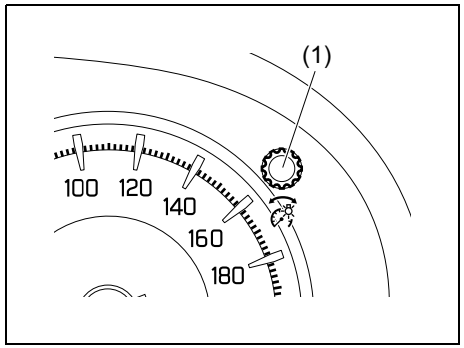
TPMS Limitations

The tyre pressure monitoring system may not function properly under certain circumstances. In the following situations, the low tyre pressure warning light may come on and remain on or may blink.

- When you replace a flat tyre with the spare tyre (optional) that does not have a TPMS sensor.
- When you include a spare tyre (optional) that does not have a TPMS sensor during a tyre rotation.
- When the TPMS sensor is damaged during a tyre replacement or liquid sealants are used to repair a flat tyre.
- When the electronic signal of TPMS sensor is disturbed in one of the following ways:
  – Electric devices or facilities using similar radio wave frequencies are nearby.
  – A metallic film that may cause radio wave interference is attached on the window.
  – A lot of snow or ice covers the vehicle, in particular, around the wheels or wheel housings.
  – Snow tyres that are not installed with genuine TPMS sensors or snow chains are used.
- When you use non-genuine TOYOTA wheels or tyres.
- When the pressure of any tyre is too high.
- When there is a problem with the receiver of the TPMS controller.

To Check the Current Tyre Inflation Pressure (For instrument cluster - Type A)

You can check the current tyre pressure on the information display.



76TS51120

1) When the ignition mode is ON and the vehicle is stationary, push and hold the indicator selector knob (1) on the instrument cluster for more than 3 seconds to change the information display to the setting mode.



52RM30840

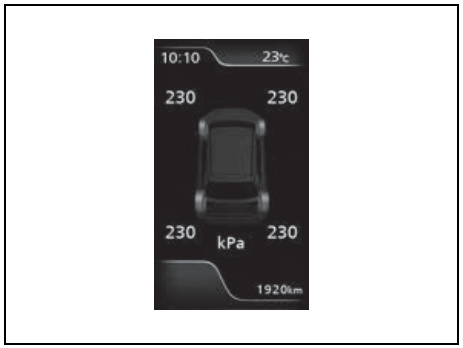
2) Turn the indicator selector knob (1) left or right to select “TPMS” and push the indicator selector knob.

NOTE:
If you exit the setting mode, select “Back” and push the indicator selector knob (1).



55T050950

3) Turn the indicator selector knob (1) left or right to select “Tyre Press” and push the indicator selector knob.



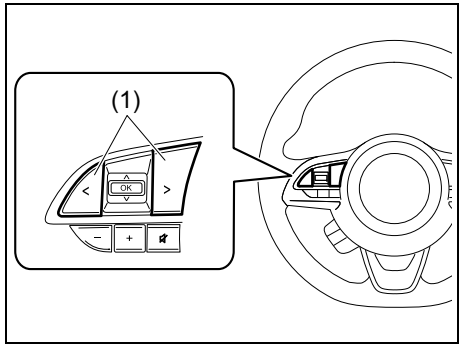
76TS51260

4) The display shows current tyre inflation pressure.

NOTE:
- *If the low tyre pressure warning light comes on, the information display will be switched to "Tyre Press" display and the corresponding tyre pressure indication blinks to alert you which tyre(s) is(are) low pressure.*
- *The display may not show the tyre pressure for about 10 minutes after the vehicle begins to move. This is because the TPMS system learns the tyre pressure within this 10 minutes. The display will show the tyre pressure after 10 minutes pass.*
- *If you stop the vehicle and change the ignition mode to LOCK (OFF), and leave it for 20 minutes or more, tyre pressure will be reset and will be indicated as 0 kPa when the engine is restarted. In this case, the current tyre pressure indication will recover after driving for a while. However, if any of tyre pressures has been detected as low pressure before stopping the engine, the tyre pressure indication may not recover and may be indicated as "---".*

To Check the Current Tyre Inflation Pressure (For instrument cluster - Type B)

You can check the current tyre pressure on the information display.



76TS51130

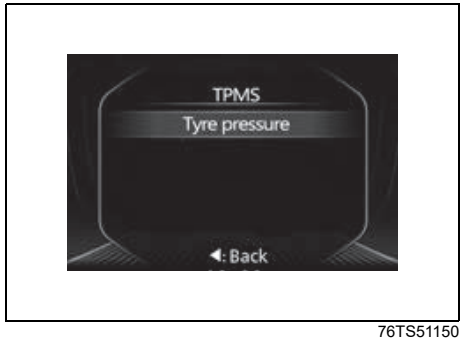
1) When the ignition mode is ON and the vehicle is stationary, push the left/right selector switch (1) to change the information display to the setting mode.



76TS51140

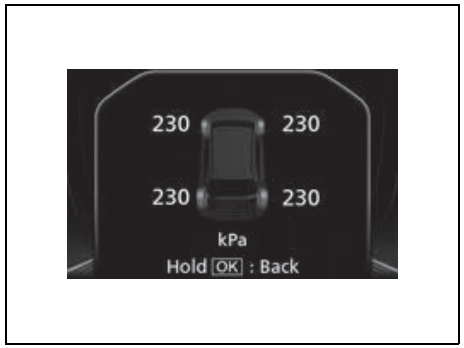
2) Select "TPMS" and press the OK switch quickly.

NOTE:
If you exit the setting mode, press the left/right selector switch (1).



76TS51150

3) Press the OK switch quickly to select “Tyre pressure”.



76TS51160

4) The display shows current tyre inflation pressure.

NOTE:

- *If the low tyre pressure warning light comes on, the information display will be switched to “Tyre pressure” display and the corresponding tyre pressure indication blinks to alert you which tyre(s) is(are) low pressure.*
- *The display may not show the tyre pressure for about 10 minutes after the vehicle begins to move. This is because the TPMS system learns the tyre pressure within this 10 minutes. The display will show the tyre pressure after 10 minutes pass.*
- *If you stop the vehicle and change the ignition mode to LOCK (OFF), and leave it for 20 minutes or more, tyre pressure will be reset and will be indicated as 0 kPa when the engine is restarted. In this case, the current tyre pressure indication will recover after driving for a while. However, if any of tyre pressures has been detected as low pressure before stopping the engine, the tyre pressure indication may not recover and may be indicated as “---”.*

Replacing Tyres and/or Wheels

If you got a flat tyre and replaced it with the spare tyre (optional), TOYOTA recommends that you have Your Toyota Dealer mount a new tyre on the wheel that had the flat tyre. The TPMS is already set up to recognize the ID code of the original wheel, and normal TPMS operation will be restored.

If you need to replace any wheels on your vehicle, Your Toyota Dealer must check that TPMS sensors are installed in the new wheels and must set up the TPMS to recognize the new sensors.

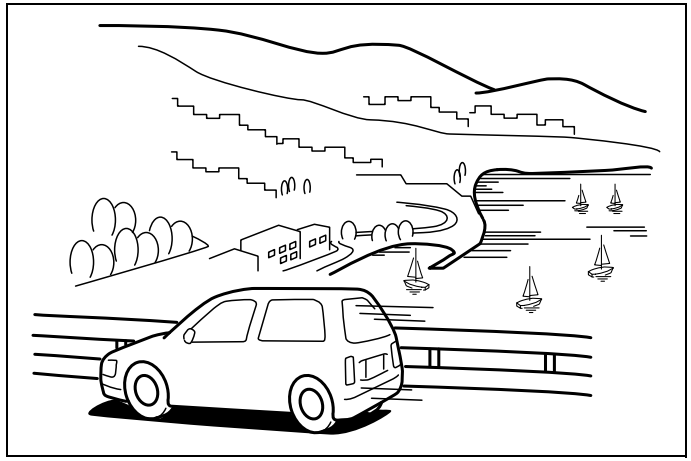
NOTE:
A TPMS sensor may not be installed in the spare tyre (optional). You should use the spare tyre only in an emergency situation, and replace the spare tyre with one that has a TPMS sensor as soon as possible to restore normal TPMS operation.

⚠ WARNING

Use of tyres or wheels not recommended by TOYOTA can result in failure of the TPMS.
When replacing tyres and wheels, use only tyres and wheels recommended by TOYOTA as standard or optional equipment for your vehicle. Refer to "Tyres" in "INSPECTION AND MAINTENANCE" section for additional information.

MEMO

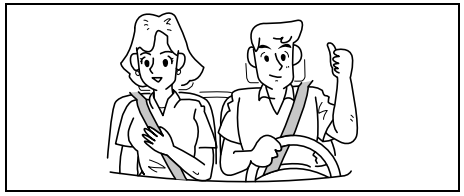
ADVICE FOR YOUR DRIVING



60G409

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Stuck Vehicle 6-10
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When Driving



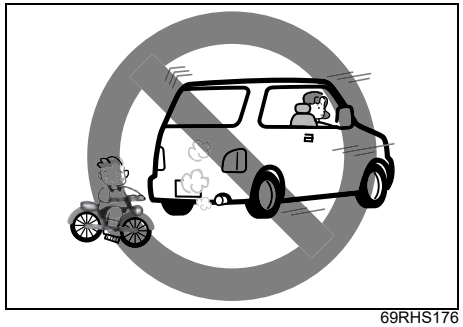
59RN02300

⚠ WARNING

- **Wear your seat belts at all times. Even though airbags are equipped at the front seating positions, the driver and all passengers should be properly restrained at all times, using the seat belts provided. Refer to "Seat belts and child restraint systems" section for instructions on proper use of the seat belts.**
- **Never drive under the influence of alcohol or other drugs. Alcohol and drugs can seriously impair your ability to drive safely, greatly increasing the risk of injury to yourself and others. You should also avoid driving when you are tired, sick, irritated or under stress.**

Start Driving after Carefully Checking the Surrounding Circumstances

Be sure to always fully check the safety of the surrounding circumstances before beginning to drive.



69RHS176

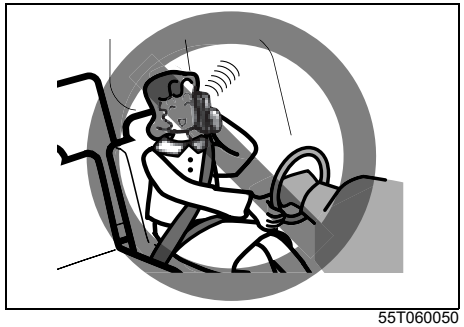
⚠ CAUTION

You cannot check the safety of the surrounding circumstances enough only by the 360 view camera, the rear parking sensors and the inside mirror. When moving the vehicle forward or backward, check the safety of the surrounding circumstances by directly checking with your eyes.

Do not Race the Engine, and Do not Avoid Fast Starts and Rapid Acceleration Just after Engine Start

Refer to "Avoid Fast Starts, Rapid Acceleration and Hard Braking" and "Do not Race the Engine" in the "Improving Fuel Economy" section.

Do not Concentrate on a Mobile Phone or Navigation System

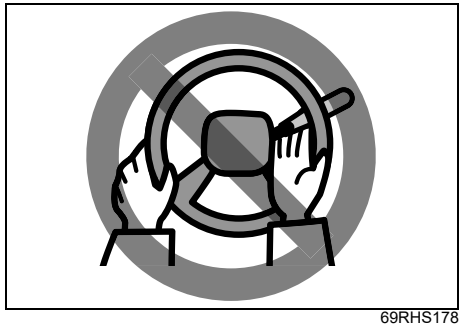


55T060050

⚠ WARNING

- **Do not operate a mobile phone, etc. while driving. Being distracted by phone operation could lead to an accident.**
- **Do not operate navigation/audio equipment, etc. while driving. Otherwise, there is the danger of an accident due to being distracted.**

Do not Reach Through the Steering Wheel



69RHS178

⚠ WARNING

Reaching through the steering wheel could interfere with steering wheel operation and result in an accident.

Do not Drive with Your Foot on the Brake Pedal

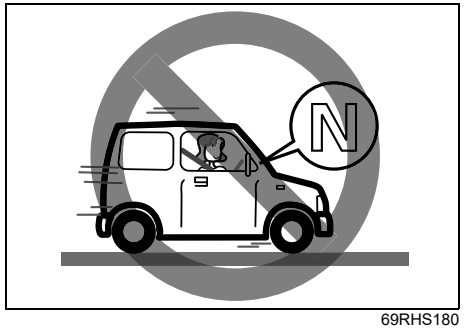
⚠ CAUTION

Driving with your foot resting on the brake pedal could cause brake parts to become worn out more quickly than normal or cause brake components to overheat, making them less effective.

When Depressing the Accelerator Pedal and the Brake Pedal Simultaneously

NOTE:
If you depress both the accelerator pedal and the brake pedal simultaneously while driving, the engine power or the hybrid system output may be suppressed.

Do not Shift the Gearshift Lever into "N" (Neutral) while Driving



69RHS180

⚠ CAUTION

Do not put the gearshift lever into the "N" (Neutral) position while driving, except in times of emergency, as this disengages engine braking, which could result in an accident.

What Should You Do in Case of Malfunction or Emergency?

- **Warning light turns on**
  Stop immediately in a safe place and take corrective action.
  For details, refer to "Warning Lights and Indicators" in the "QUICK GUIDE" section or "Warning and indicator messages" in the "INSTRUMENT CLUSTER".
- **You feel strong shock from under the floor**
  Immediately stop in a safe place and check whether there is brake fluid leakage or fuel leakage, and also check whether there is any abnormality in the exhaust pipe, etc. If any abnormality is found, consult with Your Toyota Dealer.
- **Sudden tyre puncture**
  Grasp the steering wheel firmly, carefully apply the brake, slowly reduce speed, and stop in a safe place.
- **You feel that the brake pedal is heavy to use**
  Via engine vacuum pressure, the vehicle utilizes a brake booster to reduce the force necessary for depressing the brake pedal. If this engine vacuum pressure decreases, you may feel as if the brakes require more force than usual to depress, but this is not abnormal. Depress the brake pedal as strongly as you need to.
- **Metallic screeching sound is heard from the brakes**
  Promptly consult with Your Toyota Dealer. The disk brake pads (TOYOTA genuine parts) are designed to emit a creaking/screeching sound as a function to warn the wear, as they have almost reached usage limit and replacement timing.

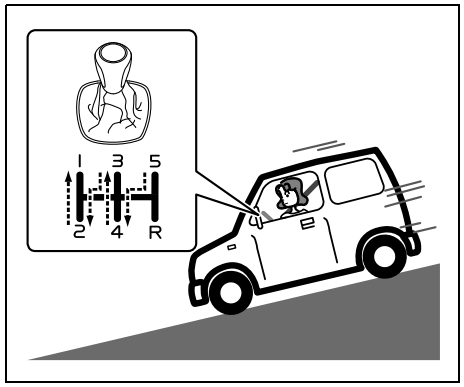
⚠ WARNING

The brakes could be losing their ability to function normally, which could result in an accident.
If you hear a metallic creaking/screeching sound, do not continue driving.

Use Engine Brake on a Long Downhill Slope

Use engine braking(*) in tandem with regular braking when driving on a long downhill slope. Release the accelerator pedal and shift down according to vehicle speed, release the accelerator pedal and shift down according to vehicle speed.

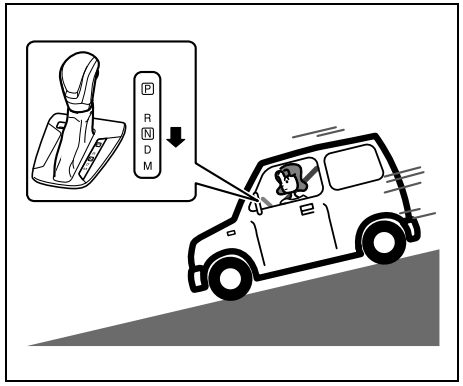
Manual transmission vehicles



55T060010

For manual transmission vehicle, shift down to a lower gear one by one.

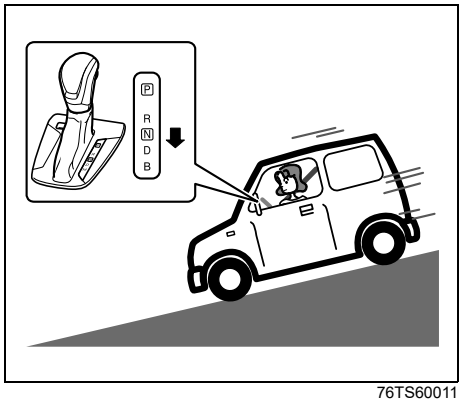
6-Speed Automatic transmission vehicles



76TS60010

For 6-Speed automatic transmission vehicle, shift the gearshift lever into “M” (manual mode) first. Then, pull “–” side of the shift paddle to shift down to an appropriate gear position.

e-CVT vehicles



76TS60011

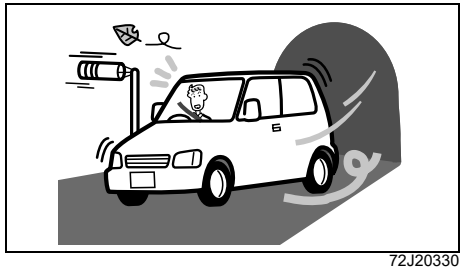
For e-CVT vehicle, shift the gearshift lever into “B”.

*: Engine braking is a braking effect that occurs when you release your foot from the accelerator pedal while driving. The lower the gear, the greater the effect of engine braking becomes.

⚠ WARNING

Continuously depressing the brake pedal could cause the brakes to overheat, possibly rendering them ineffective.

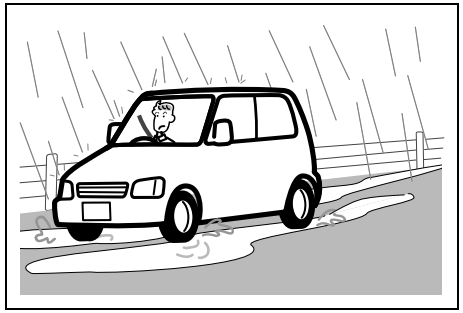
When Side Wind Is Strong



72J20330

At a tunnel exit, on a bridge, or when a large truck passes you, your vehicle might be blown slightly sideways by side wind. Do not panic. Firmly grasp the steering wheel, gradually reduce speed, and regain your intended course.

Drive Slowly on a Slippery Road Surface

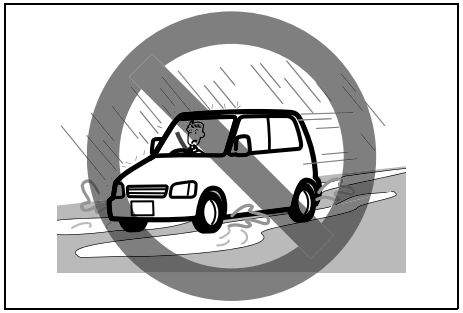


59RN06030

⚠ CAUTION

When driving on wet, icy, or snowy roads, etc., refrain from sudden movements, such as sudden starting, acceleration, braking, turning or abrupt engine braking. Otherwise, there is the danger of an accident due to loss of traction.

Do not Drive on Puddles at High Speed

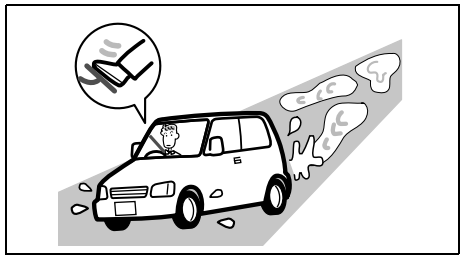


69RHS182

⚠ CAUTION

When driving on puddles or on wet road surfaces at high speed, a thin surface of water is built between the wheels and the road surface, and the wheels may float. This is called as hydroplaning, which leads to a loss of control in the steering wheel and the brakes and possibly results in an accident.

Check Brake Effectiveness after Driving on Puddles or Washing a Vehicle



72J20360

- After verifying the safety of the surroundings, depress the brake pedal several times at low speed and check the brake effectiveness.
- If the brake effectiveness is still poor, depress the brake pedal at low speed gently and repeatedly until the brake effectiveness is fully recovered, to dry the brake equipment.

When Encountering a Flooded Area



61M0075

Avoid driving in a flooded area or a deep puddle. If driving in a flooded area is unavoidable, go slowly in the lowest gear. In case that you have driven in a flooded area, stop the vehicle in a safe place while checking the brake effectiveness. Then, ask Your Toyota Dealer to check the following inspection items.

- Function of brake
- Function of electrical components
- Changes of oil level and quality for engine, transmission and differential. In case that the oil is turbid whitely, water has been mixed in the oil and an oil change is required.
- Lubricant condition of the bearings, suspension joints, etc.

NOTICE

Avoid driving in a flooded area or a deep puddle. It may cause an engine stall, short in electrical components, engine, hybrid system and transmission damages, etc.

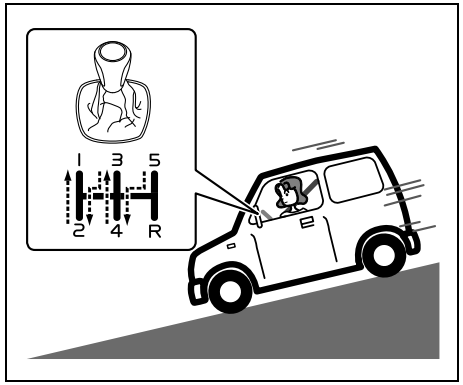
Highway Driving

When driving at highway speeds, pay attention to the following:

- Stopping distance progressively increases with vehicle speed. Apply the brakes far enough ahead of the stopping point to allow for the extra stopping distance.
- On rainy days, hydroplaning can occur. Hydroplaning is the loss of direct contact between the road surface and the vehicle's tyres due to a water film forming between them. Steering or braking the vehicle during hydroplaning can be very difficult, and loss of control can occur. Keep speed down when the road surface is wet.
- At high speeds, the vehicle may be affected by side winds. Therefore, reduce speed and be prepared for unexpected buffeting, which can occur at the exits of tunnels, when passing by a cut of a hill, or when being overtaken by large vehicles, etc.

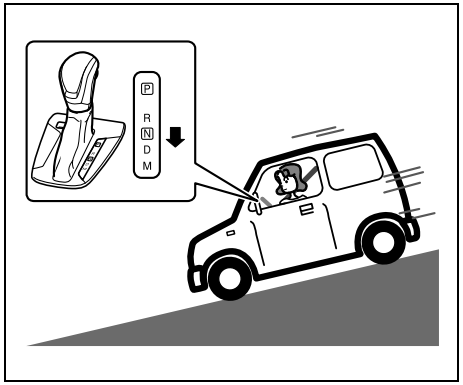
Driving on Hills

Manual transmission vehicles



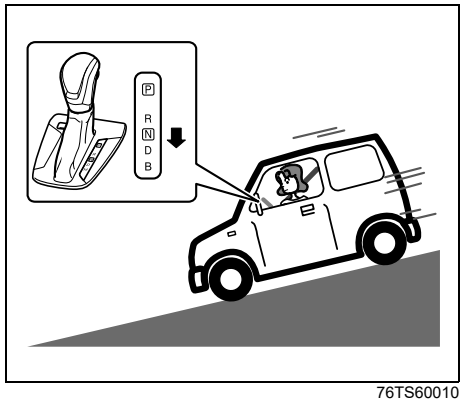
55T060010

6-Speed Automatic transmission vehicles



76TS60010

e-CVT vehicles



76TS60010

- When driving on steep hills, the vehicle may begin to slow down and show a lack of power. If this happens, you should shift to a lower gear so that the engine or the hybrid system will again be activating in its higher power range. Shift rapidly to prevent the vehicle from losing momentum.
- When driving down a hill, the engine or the hybrid system should be used for braking by shifting to the next lower gear.

⚠ WARNING

Do not hold the brake pedal down too long or too often while going down a steep or long hill. This could cause the brakes to overheat, resulting in reduced braking efficiency. Failure to take this precaution could result in loss of vehicle control.

NOTICE

When descending a downhill, Never turn the ignition key to "LOCK" position or press the engine switch or the power switch to change the ignition mode to LOCK (OFF). Emission control system and automatic transmission damage may result.

Off-road Driving

Do not Drive in the Field Covered with Grown Grass



69RHS181

If you drive in the field covered with grass, it may cause accident or vehicle damage by getting caught in grown grass.

⚠ WARNING

If loose grass, etc. becomes entangled in drive train parts or exhaust pipes, drive train components might become damaged or fire may result.

Improving Fuel Economy

The following instructions will help you improve fuel economy.

Keep Tyre Pressures Correct

Under-inflation of the tyres can waste fuel due to increased running resistance of the tyres. Keep your tyres inflated to the correct pressure shown on the label on the driver's side door or the driver's door lock pillar.

Keep Weight to a Minimum

The heavier the load is, the more fuel the vehicle consumes. Unload any unnecessary luggage or cargo.

Avoid Excessive idling

If you park your vehicle for more than one minute, stop the engine or the hybrid system and start it again later. When warming up a cold engine or the hybrid system, do not allow the engine to idle, the hybrid system to activate or apply full throttle until the engine or the hybrid system has reached operating temperature. Allow the engine or the hybrid system to warm up by driving.

Avoid Fast Starts, Rapid Acceleration and Hard Braking

Avoid fast starts
Fast starts away from lights or stop signs will consume fuel unnecessarily and shorten engine or the hybrid system life. Start off slowly.

Avoid unnecessary stops
Avoid unnecessary deceleration and stopping. Try to maintain a moderate, steady speed whenever possible. Slowing down and then accelerating again uses more fuel.

Keep a steady cruising speed
Drive at a constant speed that road and traffic conditions will permit.

Do not Race the Engine



69RHS060

Revving the engine only consumes extra fuel and has no benefit.

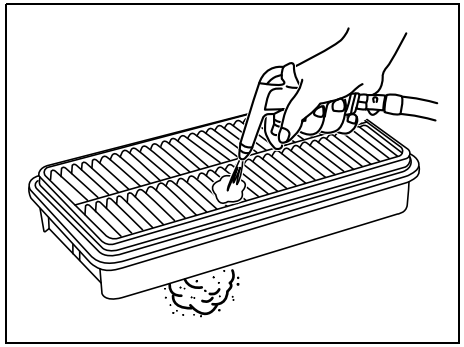
NOTICE

Immediately after starting, the engine or the hybrid system is often not yet fully warmed up. Therefore, revving the engine, starting to drive suddenly, or rapid acceleration can cause engine or the hybrid system failure.

Drive with an Appropriate Gear for Vehicle Speed

Running the vehicle at a high engine rotation speed by using a low-speed gear will result in poor fuel economy. Use the correct gear according to the vehicle speed.

Keep the Air Cleaner Clean



59RN06050

If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.

Since special procedures are required, ask Your Toyota Dealer for this job.

Stuck Vehicle

If your vehicle gets stuck in snow, mud or sand, follow the directions below:

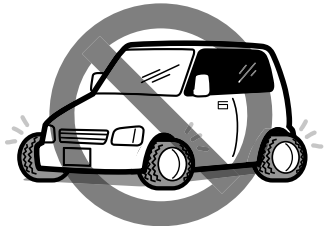
1) Shift the transmission back and forth between a “D” (drive) (or first gear for manual transmission) and reverse.
   This will create a rocking motion which may give you enough momentum to free the vehicle. Press gently on the accelerator to keep wheel spinning to a minimum wheel rpm. Remove your foot from the accelerator while shifting. Do not race the engine or the hybrid system. Excessive wheel spin will cause the tyres to dig deeper, making it more difficult to free the vehicle.

NOTE:
You may have to turn the ESP® system off in order to allow spinning the wheels.

2) If your vehicle remains stuck after a few minutes of rocking, we recommend you to consult Your Toyota Dealer or a roadside assistance service. If a towing service is not available in an emergency, your vehicle may be temporarily towed by a towing cable or chain secured to the towing eye either on the front or rear of the vehicle. Refer to “Towing by Using Towing Eye” in the “EMERGENCY SERVICE” section.

⚠ WARNING

- **Do not allow anyone to stand near the vehicle when you are rocking it, and do not spin the wheels faster than an indicated 40 km/h (25 mph) on the speedometer. Personal injury and/or vehicle damage may result from spinning the wheels too fast.**



55T060070

- **In addition to following the driving tips in this section, it is important to observe the following precautions.**
  - **Check that your tyres are in good condition and always maintain the specified tyre pressure. Refer to “Tyres” in “INSPECTION AND MAINTENANCE” section for details.**

(Continued)

⚠ WARNING

(Continued)

- **Do not use tyres other than those specified by TOYOTA. Never use different sizes or types of tyres on the front and rear wheels. For information regarding the specified tyres, refer to the tyre information label located on the driver's door lock pillar.**
- **Never use oversized tyres or special shock absorbers and springs to raise (jack up) your vehicle. This will change the handling characteristics. Oversized tyres may also rub against the fender over bumps, causing vehicle damage or tyre failure.**
- **After driving through water, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.**

NOTICE

Do not continue rocking the vehicle for more than a few minutes. Prolonged rocking can cause engine overheating or transmission damage.

Precaution for Handling Vehicle

Do not Apply Strong Force to Exterior Parts

NOTICE

Do not apply strong force to the body panel, spoiler, front and rear bumper, side skirts, etc. These forces can cause damage to these exterior parts.

Be Careful of Uneven Road Surface

NOTICE

In the following cases, the bumper or the lower part of the vehicle could get damaged. Ensure proper care.

- **Entering the areas where there is uneven road surface, such as road shoulder**
- **Driving on roads with grooves, bumps or potholes**

Do not Modify Your Vehicle Illegally



69RHS184

⚠ WARNING

- **If you modify your vehicle illegally, there is a danger of a fire or an accident. Illegal modifications might adversely affect handling, performance or durability. Also, this could even violate laws and ordinances.**
  Do not install unsuitable parts to your vehicle or do not make your own adjustments or wiring.

(Continued)

⚠ WARNING

(Continued)

- **Do not use wheels or wheel nuts other than specified TOYOTA genuine products. Doing so could lead to accidents, such as nuts loosening and the wheel coming off while driving. Also, fuel consumption and driving stability could worsen, or it could result in other malfunctions.**

NOTICE

- **When installing or removing electrical equipment such as radio equipment, navigation, audio equipment or electronic toll control equipment, consult with Your Toyota Dealer. Also, do not operate electrical equipment directly from the battery terminals or connect ground wires directly. Otherwise, there is a danger of hindering the functioning of electronic components, causing fire, malfunction, battery runout, etc.**

(Continued)

NOTICE

(Continued)

- **Only a troubleshooting device designed for inspection and maintenance for this model can be connected to the vehicle's onboard diagnostics system. Connecting a device other than that specified could hinder the functioning of electronic components and cause battery runout, etc.**

When Installing, Removing and Repairing Parts

⚠ WARNING

The SRS airbag system and the seat belt pretensioner system could activate unexpectedly or could be rendered ineffective if the parts that affect their functions are adjusted or arranged. In the following cases, these systems will be adversely affected. Consult with Your Toyota Dealer beforehand.

- **When removing the steering wheel and conducting repairs around the steering wheel, etc.**
- **When conducting repairs around the center console, around the instrument cluster, under the front seats or to electrical wiring**
- **When installing audio equipment, etc.**
- **When conducting sheet metal painting or repairs around the dashboard**
- **When replacing the front seats or conducting repairs around the seats**
- **Repairs around the front pillar, the back pillar or the roof side**
- **When conducting repairs around the center pillar**

Be Careful When Placing Accessories



69RHS185

⚠ WARNING

Do not attach accessories to the window glasses. Accessories and suction cups could hinder vision, or a suction cup could act as a lens and cause a fire. Also, if an airbag is activated, such accessories could be ejected outward within the vehicle, possibly resulting in injury.

When Spilling Drinks or Liquids

⚠ WARNING

Do not allow liquids to spill, splash or spray inside the vehicle. The following items could malfunction, or fire could result. In the case of spilling drinks, etc., promptly consult with Your Toyota Dealer.

- **SRS airbag system**
- **Audio equipment**
- **Electrical parts such as switches and wiring**
- **Movable parts such as the gearshift lever or seat belt buckles**

NOTICE

The sensor of the seat belt reminder is built into the front passenger's seat cushion.
If you spill liquid such as soft drinks or juice, the sensor of the seat belt reminder may be damaged.
If you spill any liquid on the seat cushion, immediately wipe it with a soft cloth.

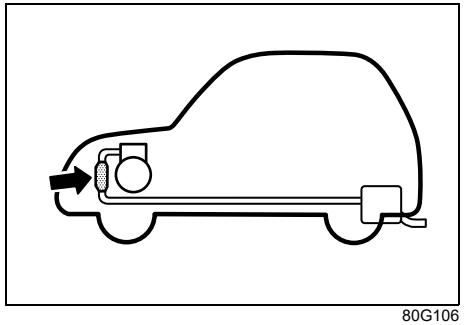
Running-in

NOTICE

The future performance and reliability of the engine depends on the care and restraint exercised during its early life. It is especially important to observe the following precautions during the first 960 km (600 miles) of vehicle operation.

- **After starting, do not race the engine. Warm it up gradually.**
- **Avoid prolonged vehicle operation at a constant speed. Moving parts will break in better if you vary your speed.**
- **Start off from a stop slowly. Avoid full throttle starts.**
- **Avoid hard braking, especially during the first 320 km (200 miles) of driving.**
- **Do not drive slowly with the transmission in a high gear.**
- **Drive the vehicle at moderate engine speeds.**
- **Do not tow a trailer during the first 960 km (600 miles) of vehicle operation.**

Catalytic Converter



80G106

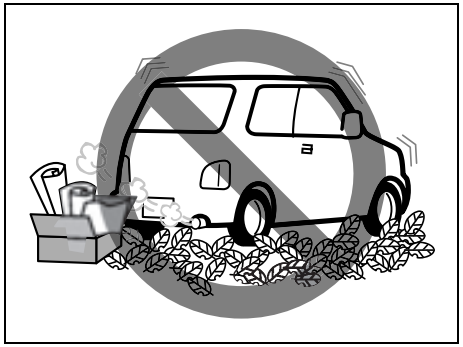
The purpose of the catalytic converter is to minimize the amount of harmful pollutants in your vehicle's exhaust. Use of leaded fuel in vehicles equipped with catalytic converters is prohibited, because lead deactivates the pollutant-reducing components of the catalyst system.

The converter is designed to last the life of the vehicle under normal usage and when unleaded fuel is used. No special maintenance is required on the converter. However, it is very important to keep the engine properly tuned. Engine misfiring, which can result from an improperly tuned engine, may cause overheating of the catalytic converter. This may result in permanent heat damage to the catalytic converter and other vehicle components.

NOTICE

To minimize the possibility of catalytic converter or other vehicle damage:

- **Maintain the engine in the proper operating condition.**
- **In the event of an engine malfunction, particularly one involving engine misfire or other apparent loss of performance, have the vehicle serviced promptly.**
- **Do not turn off the engine or interrupt the ignition when the transmission is in gear and the vehicle is in motion.**
- **Do not try to start the engine by pushing or towing the vehicle, or coasting down a hill.**
- **Do not idle the engine with any spark plug wires disconnected or removed, such as during diagnostic testing.**
- **Do not idle the vehicle for prolonged periods if idling seems rough or there are other malfunctions.**
- **Do not allow the fuel tank to get near the empty level.**



59RN06060

⚠ WARNING

Be careful where you park and drive; the catalytic converter and other exhaust components can get very hot. As with any vehicle, do not park or operate this vehicle in areas where combustible materials such as dry grass or leaves can come in contact with a hot exhaust system.

When Driving Hybrid Electric Vehicle

For economical and ecological driving, pay attention to the following points:

Shift lever operation

Shift the shift lever to D when stopped at a traffic light, or driving in heavy traffic etc.
Shift the shift lever to P when parking.
When using the N, there is no positive effect on fuel consumption.
In the N, the gasoline engine operates but electricity cannot be generated.
Also, when using the air conditioning system, etc., the hybrid battery (traction battery) power is consumed.

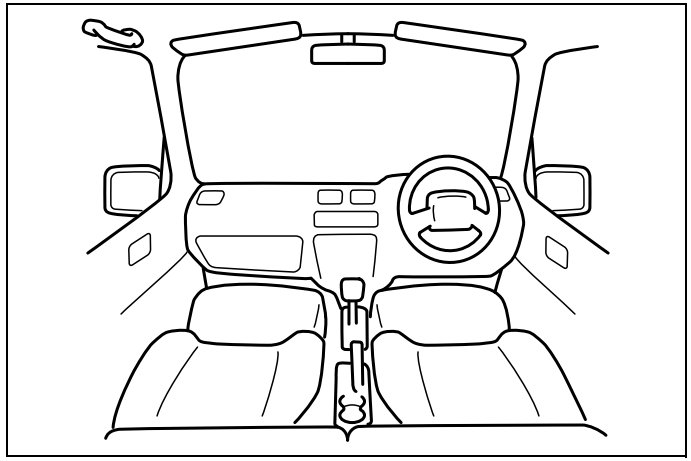
Accelerator pedal/brake pedal operation

- Drive your vehicle smoothly. Avoid abrupt acceleration and deceleration. Gradual acceleration and deceleration will make more effective use of the electric motor (traction motor) without having to use gasoline engine power.
- Avoid repeated acceleration. Repeated acceleration consumes hybrid battery (traction battery) power, resulting in poor fuel consumption. Battery power can be restored by driving with the accelerator pedal slightly released.

Warming up before driving

Since the gasoline engine starts up and cuts out automatically when cold, warming up the engine is unnecessary. Moreover, frequently driving short distances will cause the engine to repeatedly warm up, which can lead to excess fuel consumption.

OTHER CONTROLS AND EQUIPMENT



60G407

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Fuel Filler Opening

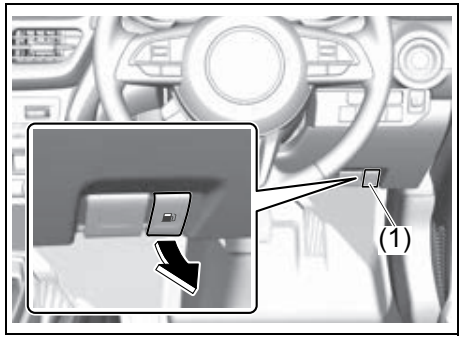
Make sure to read “Refueling” in this section.

⚠ WARNING

Be sure to observe the following points when refueling. Otherwise, gasoline may catch a fire from fuel and it may cause a fire.

- **Always stop the engine first.**
- **Close all the doors and windows when refueling.**
- **As gasoline is highly flammable, open sparks such as lit cigarettes are strictly prohibited.**

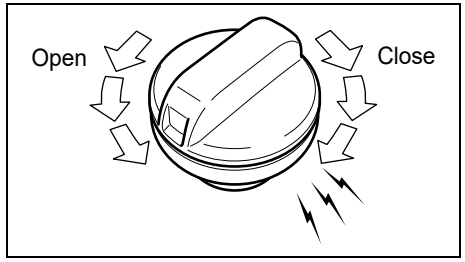
Fuel Filler Door



76TS70030

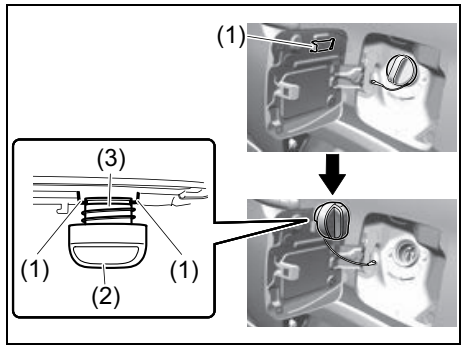
A fuel filler door is located on the left rear side of the vehicle. The fuel filler door can be unlocked by pulling up the opener lever (1) located on the outboard lower side of the driver’s seat and locked by simply closing the door.

Fuel Filler Cap



57L51093

- To open the fuel filler cap, turn it counterclockwise.
- To close the fuel filler cap, turn it clockwise until you hear more than 2 clicks.



76TS70050

NOTE:
The cap holder (1) holds the fuel filler cap (2) by hooking the groove (3) when refueling.

⚠ WARNING

- **If you open the fuel filler cap suddenly, fuel may be under pressure and may spray out. Loosen the fuel filler cap slowly. After air deflating sound stops, open the fuel filler cap.**
- **If fuel spills out, an accident such as a fire may occur. Also, if you leave spilled fuel as it is, it may cause paint staining, discoloration or cracking. Be careful not to spill out fuel. If you spill it out, wipe it off with a soft cloth.**
- **If the fuel filler cap is not closed securely, it may cause fuel leakage or a fire. After refueling, close the fuel filler cap until you hear more than 2 clicks.**
- **If you use the fuel cap other than a genuine TOYOTA cap, it may cause fuel leakage. Do not use the fuel cap other than a genuine TOYOTA cap.**

Refueling

Watch Out for Fire



69RHS186

⚠ WARNING

Be sure to observe the following points when refueling. Otherwise, gasoline may catch a fire from fuel and it may cause a fire.

- **Always stop the engine first.**
- **Close all the doors and windows when refueling.**
- **As gasoline is highly flammable, open sparks such as lit cigarettes are strictly prohibited.**

When Refueling at a Self-service Gas Station

⚠ WARNING

When refueling at a self-service gas station, be sure to observe the following points.

- **If substantial static electricity is accumulated within your body, a spark could ignite fuel vapors and possibly cause burns. Before opening the fuel filler cap, discharge any static electricity* that might have accumulated in your body, by touching a metal part of the vehicle body or the gas pump machine. In addition, do not re-enter the vehicle while refueling, as static electricity could be charged to your body again.**
- **Do not allow others who have not discharged their static electricity to come close to the fuel filler opening.**

***Take special care when air is dry, as this can cause your body to become charged with static electricity more easily. In addition, wearing layers of clothing can generate static electricity due to the friction of the fibers.**

(Continued)

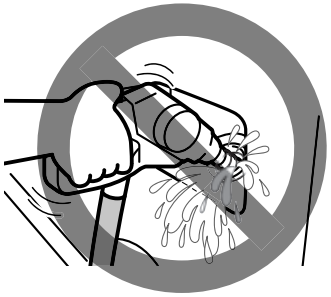
⚠ WARNING

(Continued)
- **If you open the fuel filler cap suddenly, fuel may be under pressure and may spray out. Loosen the fuel filler cap slowly. After air deflating sound stops, open the fuel filler cap.**
- **If you do not insert the fuel filler nozzle securely into the fuel filler opening, fuel may spill out. Insert the fuel filler nozzle securely into the fuel filler opening until it stops.**
- **Pull the gas pump filler nozzle lever until it stops.**

(Continued)

⚠ WARNING

(Continued)



69RHS070

- **If you continue to refuel after the automatic stop to top up the tank, fuel could overflow. When the automatic stop function of gas pump filler nozzle is activated, stop refueling.**
  ***Depending on the type of gas pump machine being used, the automatic stop function could activate early and refueling might not be possible. Please follow the instructions of the employees at the gas station.**

(Continued)

⚠ WARNING

(Continued)
- **If fuel spills out, an accident such as a fire may occur. Also, if you leave spilled fuel as it is, it may cause paint staining, discoloration or cracking. Be careful not to spill out fuel. If you spill it out, wipe it off with a soft cloth.**
- **If the fuel filler cap is not closed securely, it may cause fuel leakage or a fire. After refueling, return the fuel filler nozzle to its original position and close the fuel filler cap until you hear more than 2 clicks.**
- **Fuel contains substances harmful to the human body. Do not breathe in vaporized fuel.**
- **In addition, be sure to observe all the warnings posted at the gas station.**

Use Unleaded Gasoline Only

NOTICE

Using leaded gasoline, low-quality gasoline or other types of fuel (such as alcohol and diesel oil) can cause harmful effects to the engine and fuel delivery system.
Do not use fuel other than unleaded gasoline.

Hood

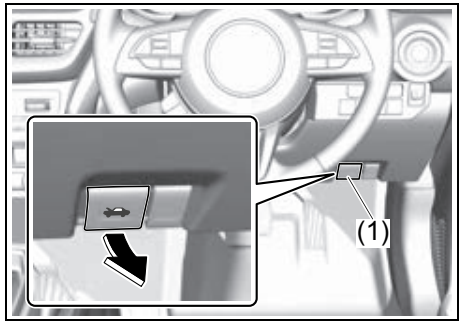
⚠ WARNING

- **As the hood is heavy, if a child tries to open or close it, the child may get injured. Do not allow a child to open or close the hood.**
- **As the engine compartment becomes hot, it may cause burns. When opening the hood, do not allow a child to come close to the hood.**
- **If you leave any tool or cloth in the engine compartment, it may cause a malfunction. Also, as the engine compartment becomes hot, it may result in vehicle fire. Do not leave any tool or cloth for inspection or cleaning in the engine compartment.**

⚠ CAUTION

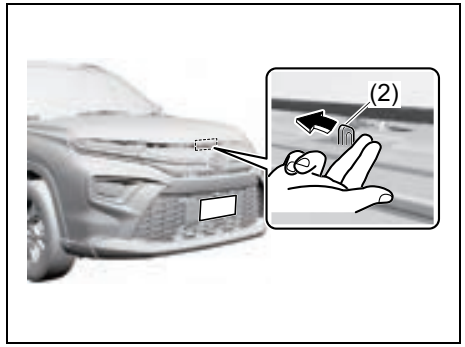
If you come close to a running drive belt or a cooling fan (radiator fan), hands, hair, clothing, etc. may be caught and you may get injured. When the engine is running, keep away from the drive belt or the cooling fan (radiator fan).

Opening the Hood



76TS70630

1) Pull up the hood release lever (1) located under the driver's side instrument panel in the outboard position. This will disengage the hood lock halfway.



76TS70870

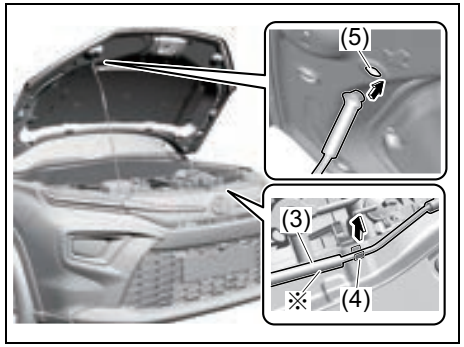
2) Push the under-hood release lever (2) sideways with your finger, as shown in the illustration. While pushing the lever, lift up the hood.

⚠ CAUTION

The under-hood release lever can be hot enough to burn your finger while the engine is running or right after the engine stopped.
If you try to open the hood while the engine is running or right after the engine stopped, touch the under-hood release lever after it becomes cool enough.

NOTICE

If you lift up the hood with the wiper arms raised, the wiper arms and the hood may get damaged.
Do not lift up the hood with the wiper arms raised.



76TS70890

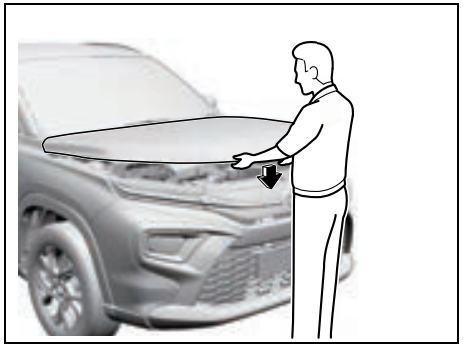
3) While holding the hood, pull the prop rod (3) out from the holding clip (4), and then insert the end of the rod into the designated hole (5).

⚠ CAUTION

- **The prop rod can be hot enough to burn your finger while the engine is running or right after the engine stopped. If you would like to use the prop rod while the engine is running or right after the engine stopped, touch the prop rod after it becomes cool enough.**
- **If the prop rod slips out, you may get caught in the closing hood. Insert the end of the prop rod into the hole securely.**
- **The prop rod may slip out when the hood is blown by wind. If this occurs, you may get caught in the closing hood. Be very careful when you open the hood on a windy day.**

NOTE:
When you pull out the prop rod from the holding clip, hold the ※ part.

Closing the Hood



76TS70880

1) Lift up the hood slightly and remove the prop rod from the hole. Put the prop rod back into the holding clip.

2) Lower the hood to about 20 cm (7.9 in.) above the hood latch, and then let it drop down. Check that the hood is securely latched after closing.

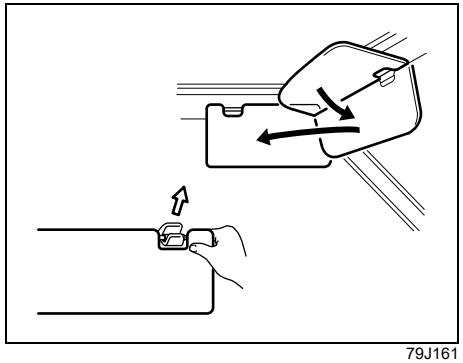
⚠ WARNING

If the hood is not fully closed, it can fly up unexpectedly during driving, obstructing your view and resulting in an accident. Check that the hood is fully closed and latched before driving.

⚠ CAUTION

When closing the hood, the occupant's body such as hands may get caught in the hood and get injured. Also, pushing on the hood from the top may damage it.
When closing the hood, check that no part of the occupant's body such as hands is in the path of the hood.

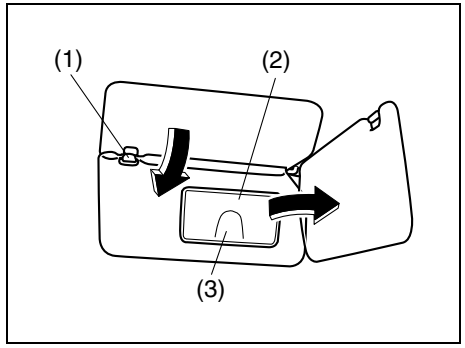
Sun Visor



79J161

The sun visors can be pulled down to block glare coming through the windshield, or they can be unhooked and turned to the side to block glare coming through the side window.

Card Holder (if equipped)



72M2058

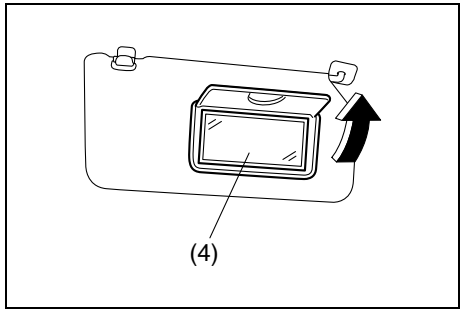
(1) Hook
(2) Mirror cover
(3) Card holder

You can put a card in the card holder (3) on the back of the sun visor.

NOTICE

If you park your vehicle outdoors in direct sunlight in hot weather, the inside of the vehicle will become hot. The heat may distort or crack a card.
When you park your vehicle outdoors in direct sunlight or in hot weather, do not leave plastic cards in the card holder.

Vanity Mirror (if equipped)



70K178

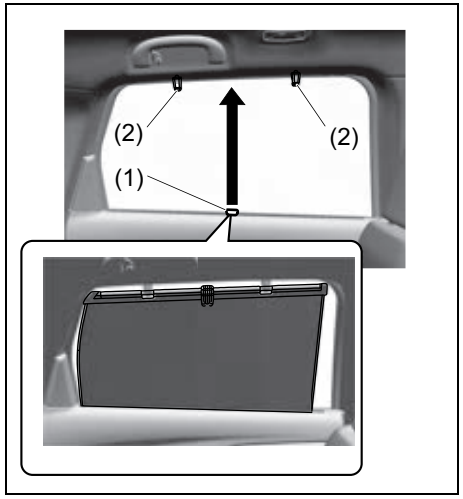
(4) Vanity mirror

To use the vanity mirror (4) on the back of the sun visor, pull up the mirror cover (2).

⚠ WARNING

- **If you use the vanity mirror while driving, you may lost control of the vehicle, resulting in an accident. Do not use the vanity mirror while driving.**
- **If the front airbag is accidentally inflated when you come close to the front airbag location, it could hit you hard and you may get severely injured. When using the vanity mirror, do not come close to the front airbag location or lean against it.**

Roller Sunshade (if equipped)



76T07071

The roller sunshades are installed in both sides of the rear doors, and these can be used to shield from the sun.

- To use the roller sunshade, pull up the tab (1) slowly and put both holes into hooks (2).
- To store the roller sunshade, pull up the tab a little to unhook from the hooks, then put back slowly.

⚠ WARNING

Do not lean on the roller sunshade which is used. Otherwise, the roller sunshade may be damaged. Also, if the window is open, a rear passenger may put his/her hand out a window and it could result in an accident.

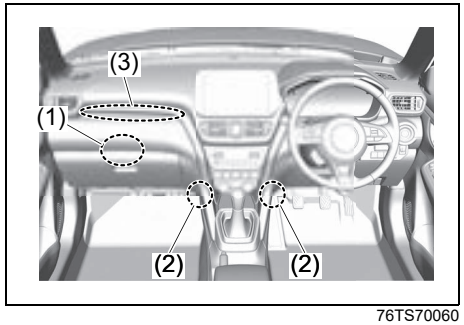
⚠ CAUTION

- **When using the roller sunshade, make sure two holes are securely hooked. If only one hole is hooked, the roller sunshade could drop off because of vehicle jolting and could hit rear passenger's body.**
- **Hold the tab firmly to operate the roller sunshade. If the rear passenger releases the tab while operating the roller sunshade, it may be rolled back unexpectedly. If this happens, the rear passenger may get injured by pinching his/her fingers.**

NOTICE

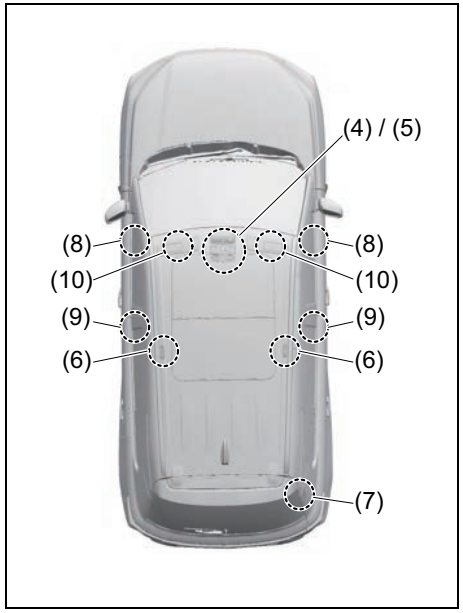
Do not pull out the roller sunshade in the direction other than an upward direction and do not pull it out swiftly. Otherwise, the roller sunshade may be damaged. Also, pull it back straight in a downward direction for storing it. If it is tilted, it cannot be stored properly or it may get wrinkles.

Interior Light



76TS70060

(1) Glove box light (if equipped)
(2) Footwell lights (if equipped)
(3) Instrument panel assistant ornament light (if equipped)



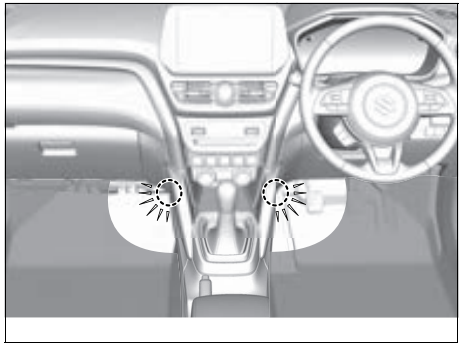
76TS70900

(4) Front (without overhead console)
(5) Front (with overhead console)
(6) Center
(7) Luggage compartment (if equipped)
(8) Front door ambient light (if equipped)
(9) Rear door ambient light (if equipped)
(10) Vanity mirror light (if equipped)

Glove Box Light (if equipped) (1)

Refer to “Glove box” in this section.

Footwell Lights (if equipped) (2)

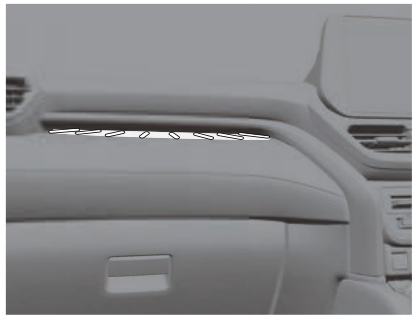


76TS70100

A footwell light is provided in the leg space in front of each front seat. The light comes on when the door is opened. After closing all doors, the light will remain on for about 15 seconds and then fade out. If you press the engine switch / the power switch to change the ignition mode to ACC or ON during this time, the light will start to fade out immediately. After you press the engine switch / the power switch to change the ignition mode to LOCK (OFF), the light will turn on for about 15 seconds and then fade out.

NOTE:
When the ignition mode is LOCK (OFF) and if you leave any door open, the light will automatically turn off after about 15 minutes to prevent from discharging the lead-acid battery.

Instrument Panel Assistant Ornament Light (if equipped) (3)



76TS70770

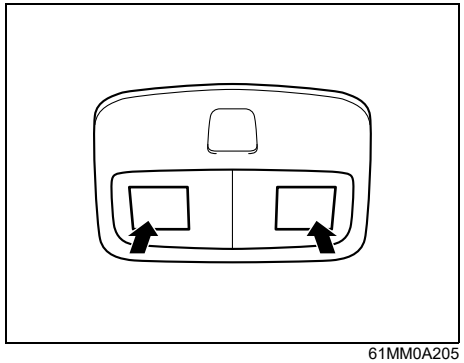
An instrument panel assistant ornament light is provided for illuminating a part of the instrument panel on each front passenger's seat side.

When you unlock the door, the light will come on for 15 seconds.
When you open the door, the light will remain on for 15 minutes.
With the ignition mode "LOCK" (OFF), if you close the door, the light will turn on for 15 seconds and then fade out.

The instrument panel assistant ornament light will come on with 100% brightness when all doors are closed, the ignition mode is ON and the exterior lights turn off.
The brightness of the instrument panel assistant ornament light can be adjusted when all doors are closed, the ignition mode is ON and the exterior lights come on.
When the ignition mode is ON, you can completely turn off the instrument panel assistant ornament light.

NOTE:
- *You can change the instrument panel assistant ornament light operation via the information display. Refer to "Information Display" in the "INSTRUMENT CLUSTER" section. Also, you can change the instrument panel assistant ornament light operation in the user settings mode on the Infortainment/Head Unit. For more details, refer to the manual of the Infortainment/Head Unit.*
- *When the ignition mode is LOCK (OFF) and if you leave any door open, the light will automatically turn off after about 15 minutes to prevent from discharging the lead-acid battery.*

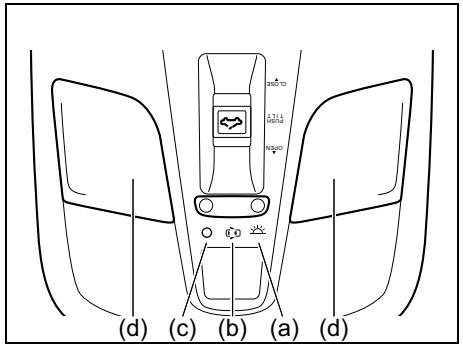
Front (without Overhead Console) (4)



61MM0A205

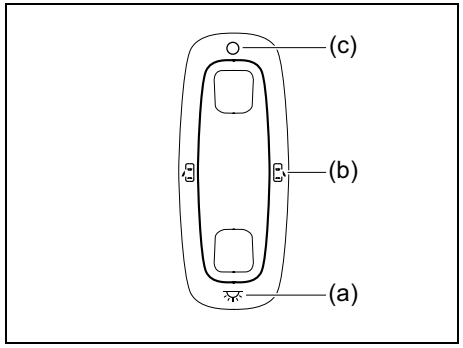
Push the switch to turn on the light and push it again to turn off the light.

Front (with Overhead Console) (5)



76TS70720

Center (6)



76TS70730

These light switches have three or four positions which function as described below:

ON (a)
The light comes on and stays on regardless of whether the door is open or closed.

NOTE:
- *The light will turn off after a period of time when the light remains illuminated to prevent the lead-acid battery from discharging.*
- *The light will automatically be turned off to prevent the lead-acid battery from discharging when the following conditions are simultaneously met:*
  - *The ignition mode is LOCK (OFF).*
  - *The hazard warning lights, the position lights and the headlights are off.*
  - *15 minutes passed after the light is turned on.*

- *For a short while after pressing the engine switch / the power switch to change the ignition mode to LOCK (OFF), there is an occasion that the light will not turn on even if the light switch is turned on. This is also a normal light control to prevent the lead-acid battery from discharging.*
- *For the vehicle with hybrid system:*
  To prevent 12-volt battery discharge, do not leave the lights on longer than necessary when the hybrid system is off.

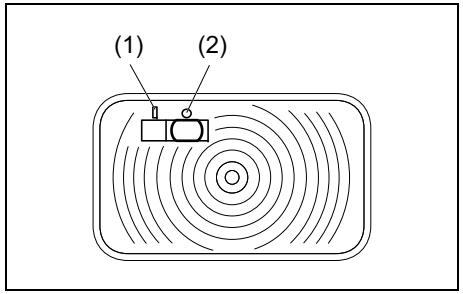
DOOR (b)
The light comes on when the door is opened. After closing all doors, the light will remain on for about 15 seconds and then fade out. If you press the engine switch / the power switch to change the ignition mode to ACC or ON during this time, the light will start to fade out immediately. After you press the engine switch / the power switch to change the ignition mode to LOCK (OFF), the light will turn on for about 15 seconds and then fade out.

NOTE:
When the ignition mode is LOCK (OFF) and if you leave any door open, the light will automatically turn off after about 15 minutes to prevent from discharging the lead-acid battery.

OFF (c)
The light remains off even when the door is opened.

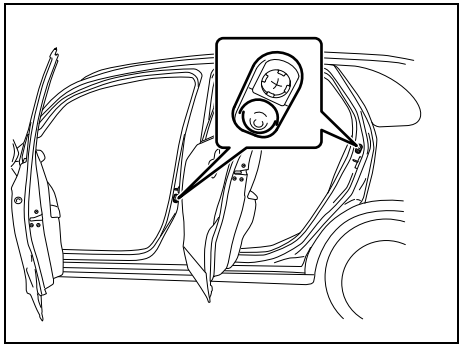
Spot light (d)
When the light switch is in “DOOR” or “OFF” position, push the switch to turn on the light and push it again to turn off the light.

Luggage Compartment Light (if equipped) (7)



68PM00510

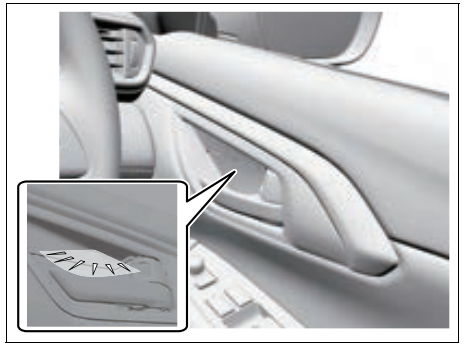
When you open the tailgate with the luggage compartment light switch in the “ON” position (1), the light comes on for about 15 minutes.
When the luggage compartment light switch is in the “OFF” position (2), the light remains off regardless of whether the tailgate is open or close.


68PM00511

NOTE:
The number of doors involved in the lighting operation of the interior light depends on the vehicle specification. If there is a switch (rubber protrusion) at the door opening as shown, the door is involved in the lighting operation. The tailgate is also involved in this operation even without the rubber protrusion.

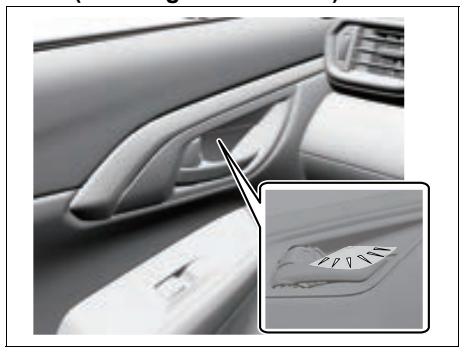
Front / Rear Door Ambient Light (if equipped) (8) (9)

Front (Driver's seat side)



76TS70790

Front (Passenger's seat side)



76TS70800

Rear

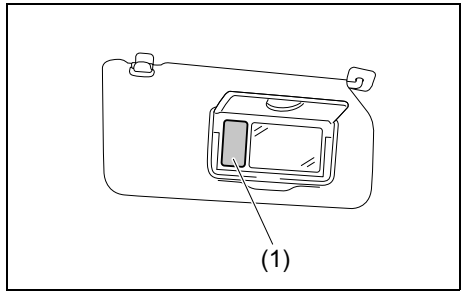


76TS70830

A door ambient light is provided for illuminating the door handle inside the vehicle.
When you unlock the door with the remote controller or the request switch, the light will come on for 15 seconds.
When you open the door, the light will remain on for 15 minutes.
If you close the door, the light will turn on for 15 seconds and then fade out.
While driving, the brightness of the door ambient light will be adjusted depending on the brightness of the surroundings.

NOTE:
You can change the door ambient light operation via the information display. Refer to "Information Display" in the "INSTRUMENT CLUSTER" section.

Vanity Mirror Light (10) (if equipped)

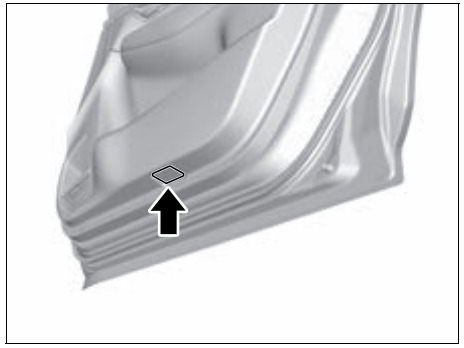


55T070040

The vanity mirror light (1) comes on when the mirror cover is opened.

NOTE:
For the vehicle with hybrid system:
To prevent the 12-volt battery from being discharged, do not leave the vanity mirror lights on for extended periods while the hybrid system is off.

Courtesy Lights (if equipped)



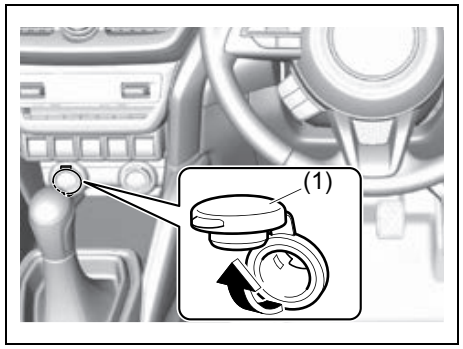
76TS70090

Each front door has a courtesy light on its inside bottom. It lights automatically when the door is opened.

NOTE:
If you leave any door open, the light will automatically be turned off after about 15 minutes to prevent the battery from discharging.

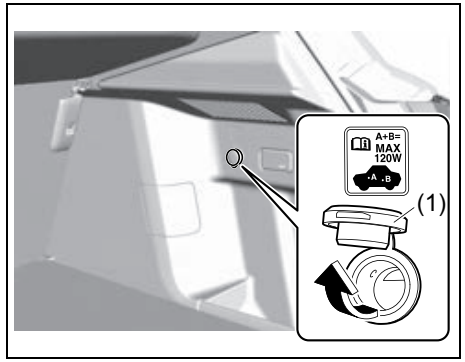
Accessory Socket

Center Console



76TS70120

Luggage Compartment



76TS70140

The accessory socket will work when the engine switch or the power switch is in ACC or ON mode.
When using the accessory socket, open the rubber cap (1).

⚠ WARNING

When the accessory socket is not in use, close the rubber cap. If any foreign material enters the accessory socket, it may cause a malfunction or short circuit.

NOTICE

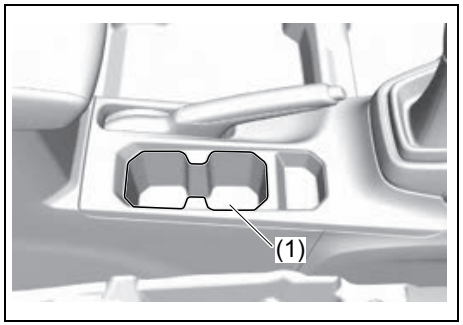
- **To prevent the fuse from being blown, when using sockets at the same time, do not exceed the total combined power capacity of 12 volt / 120 watt / 10 ampere.**
- **Use of inappropriate electrical accessories can cause damage to your vehicle's electrical system. Check that any electrical accessories you use are designed to plug into this type of socket.**
- **Check that the cap remains on the socket when the socket is not in use.**
- **When the ignition mode is LOCK (OFF) during using the accessory socket, the following accidents may occur;**
  - **– the audio or navigation system does not turn off.**
  - **– the keyless entry system does not work, etc.**

  If they occur, disconnect the item from the accessory socket and check whether the electrical equipments work properly.
  If the problem persists, ask Your Toyota Dealer to have the system inspected.

NOTE:
For the vehicle with hybrid system:
- *When stopping the hybrid system, disconnect electrical devices with charging functions, such as mobile battery packs. If such devices are left connected, the hybrid system may not stop normally.*
- *To prevent 12-volt battery discharged, do not use the accessory socket longer than necessary when the hybrid system is off.*

Drink Holder

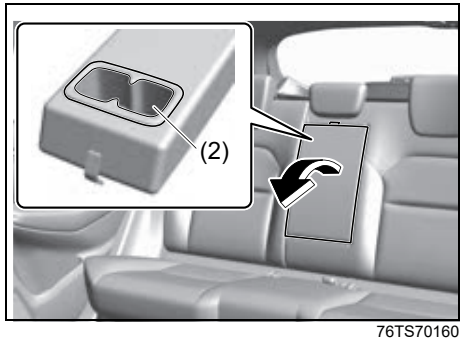
Floor Console



76TS70150

(1) Floor console drink holder

Rear Seat Armrest



76TS70160

(2) Rear seat armrest drink holder

The rear armrest is stowed in the center of the seatback. Tilt it down forward to use.

⚠ WARNING

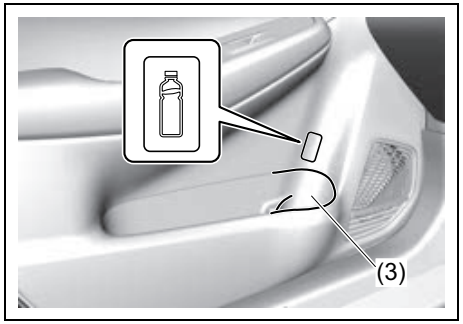
- **If the seat belt is obstructed by any part of the armrest when fastened, it cannot provide the intended protection. After fastening the seat belt, always check that the armrest is not interfering with the belt.**
- **In an accident or sudden stop, the rear armrest could fall forward. If there is a child in a rearward facing child restraint in the rear center seating position, the falling armrest could injure the child. Do not install a rearward facing child restraint in the rear center seating position.**

NOTICE

To avoid damage to the armrest, do not lean on it or allow a child to sit on it.

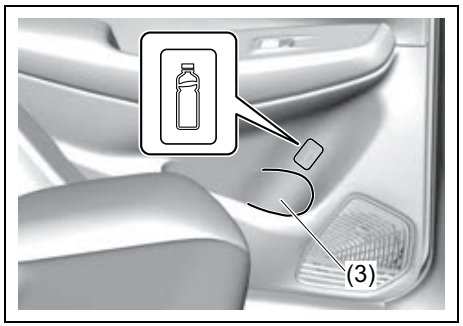
Door

Front



76TS70401

Rear



76TS70411

(3) Bottle holder

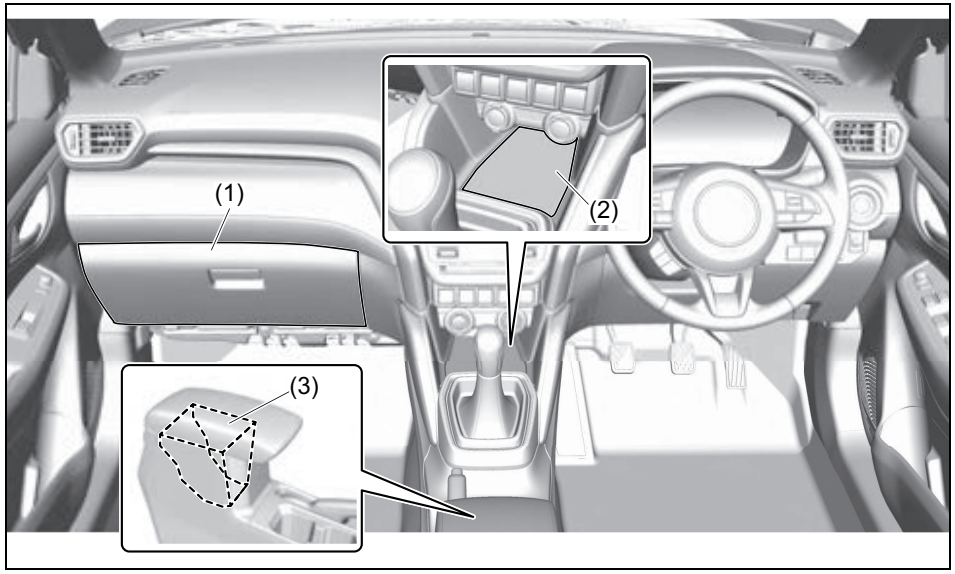
⚠ WARNING

- **Be careful and use a lid for a drink not to spill out liquid. Spilling out hot liquid can cause burn injury. In addition, if liquid spills out on the following parts, it may cause a fire or a malfunction and an airbag system may not work properly.**
  - **– Navigation system, audio system or the relevant switches**
  - **– Wiring or electrical components under the floor**
  - **– Moving part of the gearshift lever or the seatbelt buckle**
- **The lithium-ion battery is located under the front left side seat. Spilling liquids on the lithium-ion battery in models equipped with NEO DRIVE may cause a fire or electric shock or damage to the battery.**
- **If you place a long drink container, sharp-edged, hard or breakable objects in the drink holders, these objects may be thrown out, resulting in personal injury and hindering your view. In the driver's side drink holder or the front passenger's side drink holder, you can place a can, a cup or a plastic bottle.**
- **Do not place a long drink container in the driver's side drink holder. The container may hinder your view, resulting in an accident.**

NOTE:

- *If you place the keyless remote controller in a drink holder or a bottle holder, it may not be detected.*
- *If you spill or drop liquid accidentally, have your vehicle inspected by Your Toyota Dealer.*

Storage Area



76TS70190

(1) Glove box
(2) Floor console tray (if equipped)
(3) Front armrest with console box

- Each item in the figure is a typical example; the actual equipment depends on the vehicle type.

⚠ WARNING

- **If any object gets caught in the brake pedal or the accelerator pedal, you may not operate the pedal properly, resulting in an accident. If you use a storage area without a lid, do not place the object which may fall out while driving.**
- **If there is any object within the area where the front passenger's airbag could inflate, the object may be thrown out or the front passenger's airbag may not inflate properly. Do not place a big object on the instrument panel tray.**

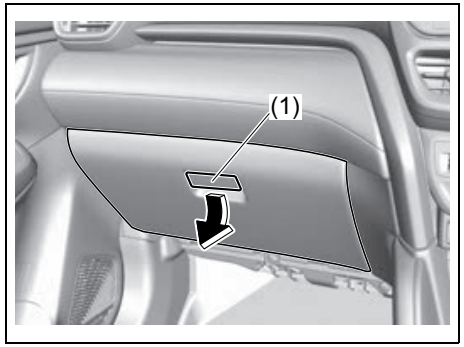
⚠ CAUTION

If you use a storage area with a lid, do not drive the vehicle with the lid open. In acceleration, a sudden braking or an collision, your body may be hit by the lid or the object which falls out from the storage area.

NOTE:
If you place the keyless remote controller in any of storage areas, it may not be detected.

Using Storage Area with a Lid

Glove box

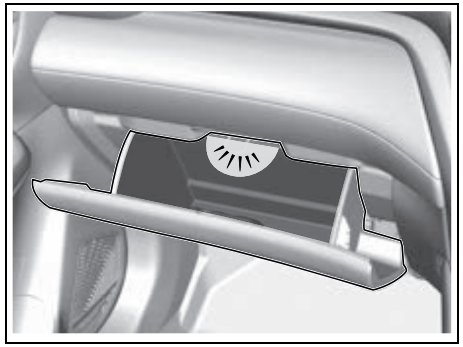


76TS70210

- To open the glove box, pull the latch lever (1).
- To close it, push the lid until it is latched securely.

⚠ WARNING

- **Never drive with the glove box lid open. It could cause injury if an accident occurs.**
- **Do not leave cigarette lighters or spray cans in the glove box. If a cigarette lighter or spray can is in a place such as the glove box, it may light accidentally when luggage is loaded, causing a fire.**



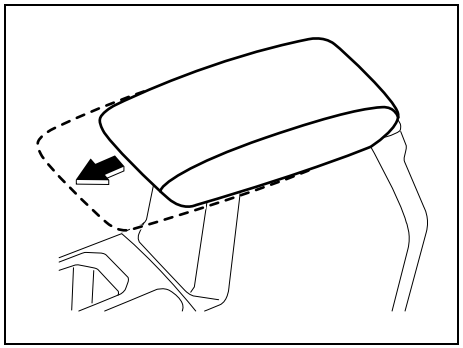
76TS70230

The glove box light (if equipped) stays on while the lid is open.

Front armrest with console box (if equipped)

NOTICE

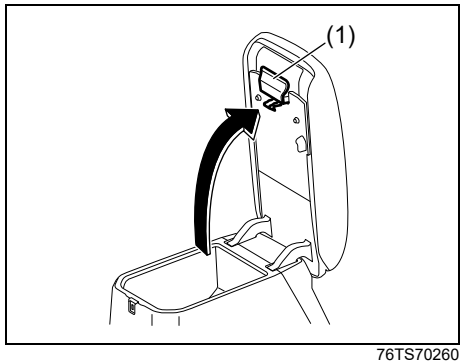
To avoid damage to the armrest, do not lean on it or allow a child to sit on it.



76TS70250

The armrest can be slid forward.

Console box
Use this stowage for keeping small items. Open the compartment by raising the top lid while keeping the lever (1) up.

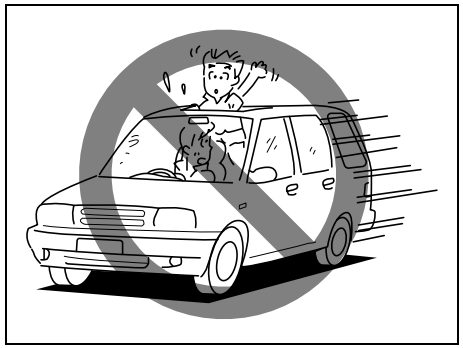


76TS70260

NOTE:
Always close the lid after you put something into or take something out of the box.

Sunroof (if equipped)

You can tilt or slide the sunroof by operating the sunroof switch after pressing the engine switch or the power switch to change the ignition mode to ON.



76TS70270

⚠ WARNING

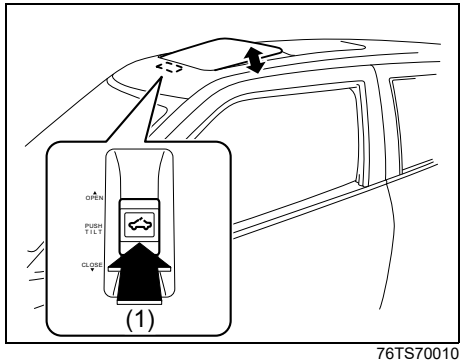
- **Never allow any part of your body such as hands or head to get out of the sunroof opening while the vehicle is moving.**
- **Fasten your seat belts and use child restraints at all times. In an accident, you could be thrown from the vehicle through an open sunroof.**
- **Check that there are no hands or other obstructions in the path of the sunroof when you close the sunroof.**
- **Always take the keyless push start system remote controller with you when leaving the vehicle even if only for a short time. Also do not leave children alone in a parked vehicle. Unattended children could use the sunroof switches and get trapped by the sunroof.**

NOTICE

- **Do not put your body weight on the roof around the sunroof such as by sitting on it.**
- **Remove water drops, snow, ice or sand from the sunroof before opening.**
- **Close the sunroof when you leave the vehicle unattended.**
- **Periodically inspect the guide rail for dirt and clean it if any dirt has accumulated.**

NOTE:
You may hear a loud sound when you drive with the sunroof fully opened.This sound is caused by the fluctuation of air pressure around the sunroof and it is not due to any part disorder.The sunroof is designed to stop at a position before it is fully opened to avoid this sound.If you observe such sound while driving with the sunroof fully opened, close the sunroof slightly to reduce the sound.

To Tilt the Sunroof



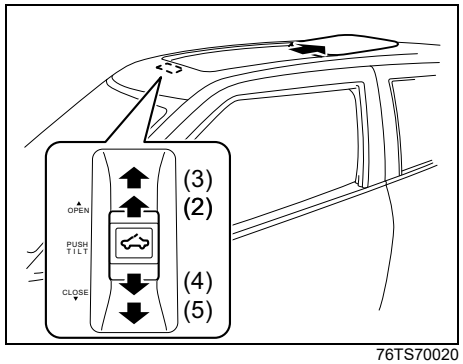
76TS70010

To tilt the sunroof up from fully closed position, push “PUSH TILT” part (1) of the sunroof switch. The sunroof will tilt up fully.

NOTE:
If the sun shade is closed when tilting up, the sun shade will open automatically.

To tilt the sunroof down from tilted up position, push “PUSH TILT” part (1) of the sunroof switch again. The sunroof will tilt down. If you keep holding “PUSH TILT” part (1) of the sunroof switch for more than 1 second, the sunroof and sun shade will be completely closed.

To Open the Sunroof



76TS70020

You can open the sunroof manually by sliding the sunroof switch to position (2) in “OPEN” direction. The sun shade will open and then the sunroof will open.

When you slide the sunroof switch to position (3) in “OPEN” direction once, the sunshade will open fully. When you slide the sunroof switch to position (3) in “OPEN” direction again for the second time, the sunroof will open and stop before the full-open position.

When you slide the sunroof switch to position (3) in “OPEN” direction again for the third time, the sunroof will open fully. When you slide and hold the sunroof switch at position (3) in “OPEN” direction for more than 1 second, the sunshade will open fully and then the sunroof will open and stop before the full-open position.When you slide the sunroof switch to position (3) in “OPEN” direction again, the sunroof will open fully.
To stop the sunshade or sunroof during the operation, press or slide the switch in any direction briefly.

To Close the Sunroof

You can close the sunroof manually by sliding the sunroof switch to position (4) in “CLOSE” direction.The sunroof will close and then the sunshade will close.

When you slide the sunroof switch to position (5) in “CLOSE” direction once, the sunroof will close fully. When you slide the sunroof switch to position (5) in “CLOSE” direction again for the second time, the sunshade will close fully.

When you slide and hold the sunroof switch at position (5) in “CLOSE” direction for more than 1 second, the sunroof will close fully and then the sunshade will close fully.
To stop the sunroof or sunshade during the operation, press or slide the switch in any direction briefly.

There is a system to prevent being pinched by the sunroof.
When the system senses that something is pinched when the sunroof is sliding forward or tilting down, the sunroof will automatically reverse direction and slide back or tilt up. This system will operate when the sunroof is closing or tilting down automatically.

Check that there are no hands or other obstructions in the path of the sunroof when you close the sunroof even though there is a system to prevent being pinched by the sunroof.

⚠ WARNING

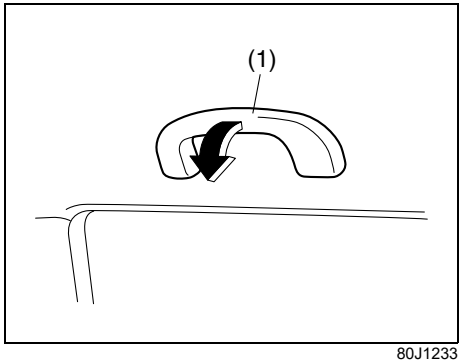
The system to prevent being pinched by the sunroof may not work if the lead-acid battery is not sufficiently charged.

⚠ CAUTION

The system to prevent being pinched by the sunroof does not work in the area where the sunroof is almost completely closed.

If the system to prevent being pinched by the sunroof does not operate properly, close the sunroof fully by using the sunroof switch and ask your dealer to have the system inspected.

Assist Grips



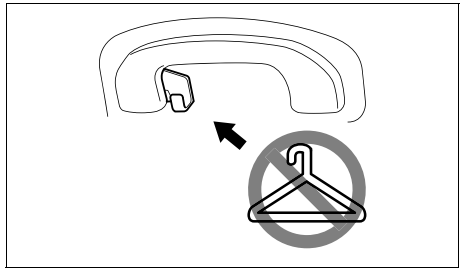
80J1233

Assist grips are provided for convenience. Pull the assist grip (1) towards you.

NOTICE

To avoid damaging the assist grip and the molded headlining, do not hang down the assist grip.

Coat Hooks



55T070060

You can hang clothing on the coat hooks. These hooks are not designed for large or heavy items and are located with rear right assist grip.

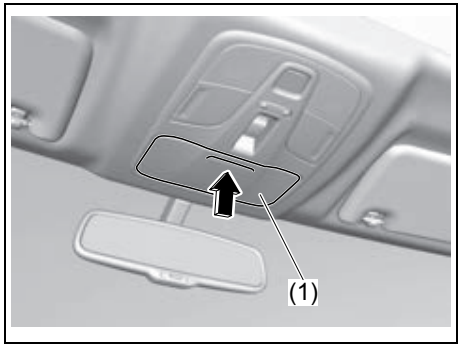
⚠ WARNING

If your vehicle is equipped with side curtain airbags, do not hang sharp items like a hanger on the coat hook. When hanging the clothes, hang them on the hook without using a hanger.

NOTICE

To avoid breaking the hook, do not hang items heavier than the following weight.
Coat hook: 2 kg (4.4 lbs)

Overhead Console (if equipped)



76TS70280

Use this stowage to keep small articles.
You can open the lid (1) by pressing the raised portion on it.

⚠ WARNING

- **Do not drive with the overhead console lid open, or the articles stowed inside could fall down during braking, acceleration or in the event of a collision. Always close the lid after putting something into or taking something out of the console.**
- **If you park your vehicle outdoors in direct sunlight or in hot weather, the overhead console can get very hot since it is close to the roof. So, when parking in such conditions:**
  - **Do not leave eyeglasses and plastic cards etc. in the overhead console. The heat may distort plastic lenses or frames.**
  - **Do not place flammable items, such as a lighter, in the overhead console. The heat may cause a fire.**

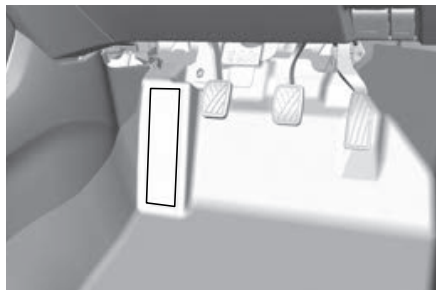
⚠ CAUTION

Use this stowage to keep small articles. If you store heavy or large articles, the lid may open due to the impact during driving, the contents may pop out, and the console may be damaged.

NOTICE

- **Do not apply undue force to the lid when closing it. Doing so could break the lid and articles inside.**
- **Place glasses in a case when stowing them in the overhead console, or the lenses may be damaged.**

Footrest



76TS70290

Use the footrest as a support for your left foot.

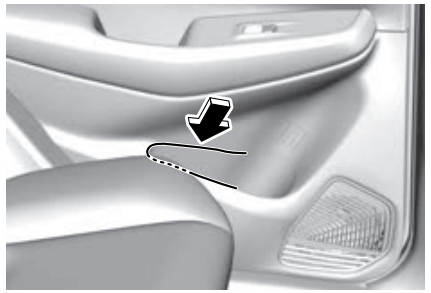
Door Pocket

Front



76TS70420

Rear



76TS70430

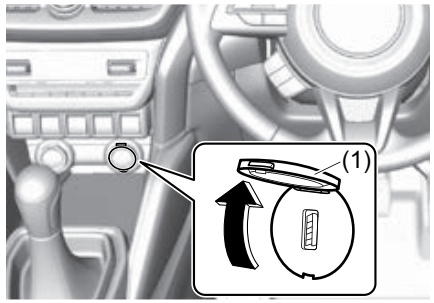
Each pocket is provided for holding light and soft things such as gloves, newspapers or magazines.

⚠ CAUTION

- **If an accident occurs, objects such as bottles, cans, etc. in the door pocket can injure the occupants. Do not put hard or breakable objects in the door pocket.**
- **If you grab and pull the door pocket, it may be broken, resulting in personal injury. When closing a door, do not grab and pull the door pocket.**

NOTE:
If you place the keyless remote controller in a door pocket, it may not be detected.

USB Socket (if equipped)



76TS70310

Open the cover (1), and then connect your portable digital music player, etc. to this socket to enjoy music through the vehicle's audio system. Refer to the supplementary manual for details.

⚠ WARNING

If foreign material enters the USB socket, a malfunction or a short circuit may occur.
Always close the cover when the USB socket is not in use.

USB Charging Sockets (if equipped)

When the ignition mode is ACC or ON, you can charge your mobile device such as your smart phone by using the connecting cable (commercial item) connected to the two Type-C charging sockets.

The total maximum output capacity of two sockets is 60 W.
The capacity of the first connected socket:
15 V / 3.0 A (45 W)*
The capacity of the subsequently connected socket:
5 V / 3.0 A (15 W)

* The maximum output capacity of the first connected socket is 45W, and the output capacity is automatically adjusted depending on the connected device.



76TS70330

NOTICE

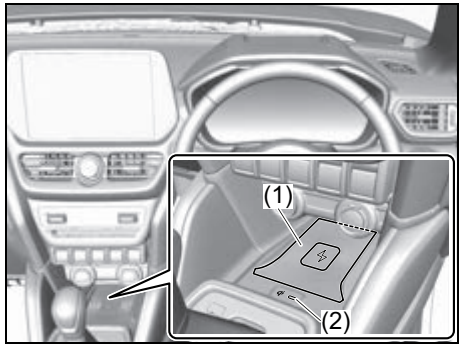
Do not charge your mobile device for a long period of time, while the engine is stopped. Otherwise, the lead-acid battery may run out.

NOTE:

- *The priority of the socket's output capacity varies depending on the supported voltage of the connected device and the vehicle conditions.*
- *The USB charging socket should be used only for charging.*
- *For some models, charging may pause. However, this is not a malfunction.*
- *Depending on the vehicle conditions such as the following examples, charging may temporarily pause.*
  - *When the inside temperature of the vehicle is high after parking the vehicle under the blazing sun*
  - *When the engine is started*

Wireless Charger (if equipped)

A portable device, such as a smart-phone or mobile battery, can be charged by just placing it on the charging area, provided the device is compatible with the Qi wireless charging standard created by the Wireless Power Consortium.
The wireless charger cannot be used with a portable device that is larger than the charging area. Additionally, depending on the portable device, the wireless charger may not operate properly. Refer to the operation manual of the portable device.



76TS70340

(1) Wireless charger
(2) Indicator light

⚠ WARNING

Caution while driving

When charging a portable device while driving, for safety reasons, the driver should not operate the portable device.

People with implantable cardiac pacemakers, cardiac resynchronization therapy pacemakers or implantable cardioverter defibrillators, as well as any other electrical medical device, should consult their physician about the usage of the wireless charger. Operations of the wireless charger may have an affect on medical devices.

(Continued)

⚠ WARNING

(Continued)
To prevent damage or burns
Observe the following precautions. Failure to do so may result in the possibility of fire, equipment failure or damage, or burns due to heat.
- **Do not put any metallic objects (such as coins, keys and clips) between the charging area and the portable device while charging.**
- **Do not attach metallic objects, such as aluminum stickers, to the charging area.**
- **Do not cover the wireless charger with a cloth or other object while charging.**
- **Do not attempt to charge portable devices which are not compatible with the Qi wireless charging standard.**
- **Do not disassemble, modify or remove the wireless charger.**
- **Do not apply force or impact to the wireless charger.**
- **Do not spill liquid such as water, drinks, etc. over the wireless charger or the smart phone.**

(Continued)

⚠ WARNING

(Continued)
- **Do not bring magnetic cards, such as a credit card, or magnetic recording media, close to the wireless charger while charging. Otherwise, data may be erased due to the influence of magnetism.**

Additionally, do not bring precision instruments such as wrist watches, close to the wireless charger, as such objects may malfunction.

⚠ CAUTION

Phones which are having magnetic array (for alignment / to fix with chargers) may have different charging performance / may get heat up depending upon the type of phones.

NOTICE

Conditions in which the wireless charger may not operate correctly

In the following situations, the wireless charger may not operate correctly:
- **When a portable device is fully charged**
- **When there is a foreign object such as metal objects between the charging area and a portable device**
- **When dust and other debris are on the charging pad**
- **When a portable device becomes hot while charging**
- **When a portable device is placed on the wireless area with its charging surface facing up**
- **When a portable device is not centered on the charging area**
- **When the vehicle is near a TV tower, electric power plant, gas station, radio station, large display, air-port or other facility that generates strong radio waves or electrical noise**

(Continued)

NOTICE

(Continued)

•When the portable device is in contact with, or is covered by any of the following metallic objects:

–Cards to which aluminum foil is attached

–Cigarette boxes that have aluminum foil inside

–Metallic wallets or bags

–Coins

–Metal hand warmers

–Media such as CDs and DVDs

•When wireless keys (that emit radio waves) other than those of your vehicle are being used nearby.

•Vehicle Smart Key FOB operation might be impacted due to wireless charging function. Keep the Key FOB away from the wireless charger to avoid situation where vehicle is unable to detect the Key FOB.

If in situations other than above the wireless charger does not operate properly or the operation indicator light is blinking, the wireless charger may be malfunctioning. In this case, contact Your Toyota Dealer.

(Continued)

NOTICE

(Continued)

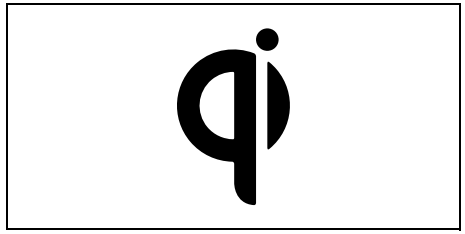
To prevent failure or damage to data

Do not leave portable devices in the cabin. The temperature inside the cabin may become high when parked in the sun, and cause damage to the device.

To prevent 12-volt battery discharge

Do not use the wireless charger for a long period of time. Prolong charging with the ignition mode ACC or ON may impact the vehicle battery health.

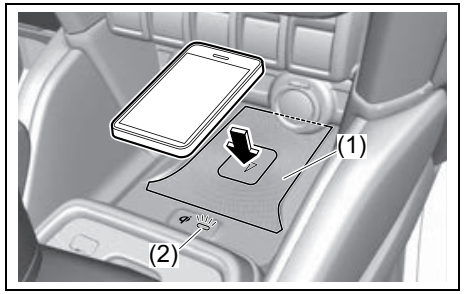
The “Qi” Symbol



76TS70360

The “Qi” symbol is a trademark of the Wireless Power Consortium.

Using the Wireless Charger



76TS70380

To start wireless charging, place a portable device or smart phone equipped with wireless charging function on the wireless charger. Firmly close all the doors (including the tailgate) and turn the ignition mode to ACC or ON. If the ignition is in OFF mode, wireless charging is not possible.

Place a portable device on the wireless charger (1) with its charging surface facing down.

While charging, the indicator light (2) (blue) will be illuminated.
If charging does not begin, move the portable device as close to the center of the charging area as possible.
When charging is complete, the operation indicator light (2) (green) will illuminate.

NOTE:
- *You can choose to turn the wireless charging function ON or OFF in the user settings mode on the Infortainment/Head Unit. For more details, refer to the manual of the Infortainment/Head Unit.*
- *Charging might take few seconds to initiate depending on a portable device or a smart phone.*
- *If a certain amount of time has elapsed since charging completed and the portable device has not been moved, the wireless charger will restart charging.*
- *If the portable device is moved within the charging area, charging will stop temporarily and then restart.*
- *Non-compatible portable device or smart phone may generate foreign object alert.*
- *The surface of the portable device or smart phone may slightly heat up during charging process which is normal.*

Wireless charger indicator light status

Indicator light	Description
Off	Wireless charger OFF
Amber	Wireless charger activated and ready to charge
Blue	Charging in progress
Green*	Charging completed

*: Depending on the smart phone, the indicator light may not turn green even after charing completion.

Error / malfunction status

Indicator light	Description**	Measure
Red blink	The is any foreign object (metallic object) or the mobile is displaced from the charging area.	Remove any foreign object. Align the phone at the center. Remove the phone cover.
	The smart phone temperature is too hight.	Turn off the wireless charger, remove the phone and wait sometime for it to cool.
	The wireless charger temperature is too high.	Turn off the wireless charger and wait sometime for it to cool.
	The wireless charger is not able to communicate with the vehicle.	Contact Your Toyota Dealer if error persists.
Red permanent	Non-recoverable failure might have occurred.	Contact Your Toyota Dealer if error persists.

**: Go to wireless charger screen in the Infotainment system or Head Unit to see the details of error / malfunction.

The wireless charger can be operated when
The engine switch / the power switch is in ACC or ON mode.

Portable devices that can be charged
Portable devices compatible with the Qi wireless charging standard can be charged by the wireless charger. However, compatibility with all devices which meet the Qi wireless charging standard is not guaranteed.

If a cover or accessory is attached to the portable device
Do not charge a portable device if a cover or accessory which is not Qi compatible is attached. Depending on the type of cover and/or accessory attached (e.g. if a cover is very thick or has metal ring attached to the cover), it may not be possible to charge the portable device. If the portable device is placed on the charging area and does not charge, remove the cover and/or accessories.

If interference is heard in AM radio broadcasts while charging
Some noise may be heard while using the wireless charger.

The wireless charging function gets interrupted when any of the following condition is encountered
- Vehicle ACC is turned off
- When the engine switch / the power switch is pressed or the brake / the clutch is pressed during cranking of the vehicle. Charging will be re-initiated once the vehicle is successfully cranked or the brake / the clutch is released
- When any of the vehicle door (including the tailgate) is opened or the keyless push start system remote controller is taken out of the vehicle. Charging will be initiated once all doors are closed and the keyless push start system remote controller is inside the vehicle
- When there is any foreign object (metallic object such as coin, keys etc.) between the wireless charger and the smart phone
- The wireless charger is turned off in the user settings screen on the Infortainment / Heat Unit
- When temperature increases abnormally inside the wireless charger or the smart phone gets overheated
- When the smart phone is displaced during vehicle running condition, charging may stop temporarily
- The vehicle is parked at a place where there is strong electromagnetic waves or noises such as FM/AM station, TV station, electric power plant or gas station etc.

When the smart phone placed on wireless charger is connected to USB cable
It charges by means as defined by the smart phone manufacturer. In case it charges through USB, foreign object alert might be generated.

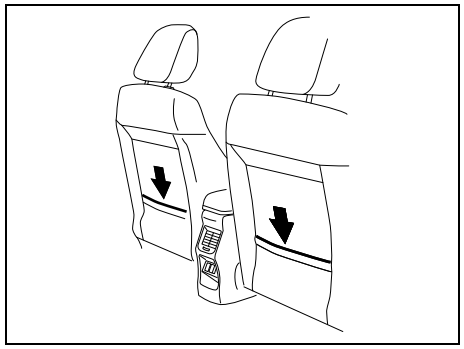
Cleaning the wireless charger

⚠ WARNING

Do not let the wireless charger get wet. Failure to do so may cause the charger to become hot and cause burns or could cause electric shock resulting in death or serious injury.

- Do not use oil, grease, alcohol, benzene or thinner for cleaning the charging pad.
- Do not cover the charging pad with towels, clothing, or other objects while charging etc.
- Do not spray aerosols which may come in contact with the charging pad surface.

Front Seatback Pocket (if equipped)



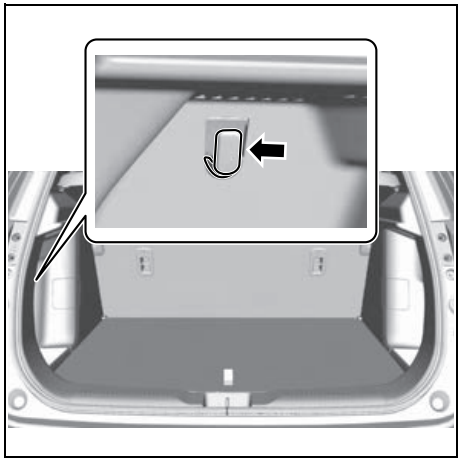
76TS70390

This pocket is provided for holding light and soft things such as gloves, newspapers or magazines.

⚠ CAUTION

- **If an accident occurs, objects such as bottles, cans, etc. can injure the occupants in the rear seat. Do not put hard or breakable objects in the pocket.**
- **If you put sharp or heavy objects in the pocket, the seat may be damaged. Do not put sharp or heavy objects in the pocket.**

Luggage Compartment Hook



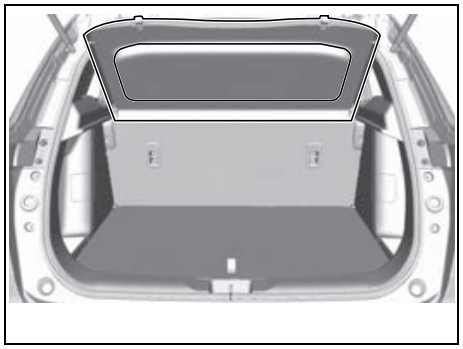
76TS70680

You can hang the shopping bag or other suitable objects on the hook.
This hook is not designed for large or heavy items.

NOTICE

To avoid breaking the hook, do not hang items heavier than the following weight.
Shopping hook: 1 kg (2.2 lbs)

Luggage Compartment Cover (if equipped)



76TS70690

Luggage or other cargo placed in the luggage compartment is hidden from view by a luggage compartment cover.

⚠ WARNING

Do not carry items on top of the luggage compartment cover, even if they are small and light. Objects on top of the cover could be thrown about in an accident, causing injury, or could obstruct the driver's rear view.

Luggage Compartment Board

Your vehicle is equipped with the luggage compartment board in the luggage compartment. You can place luggage or other cargoes on the board or under the board. You can also place tall luggage by removing the board from the luggage compartment.

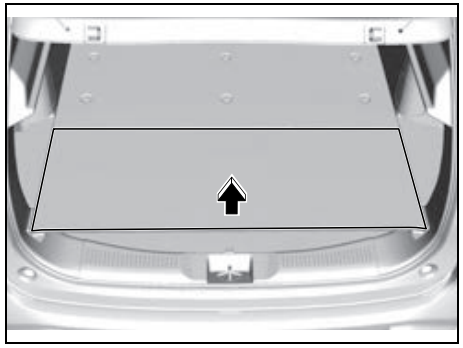
⚠ WARNING

The luggage areas do not feature a structure that can accommodate people. Do not allow a child to ride in such areas. Otherwise, there is the danger of accidents due to sudden braking, etc. Do not let a child play in luggage areas even while the vehicle is stopped on the road.

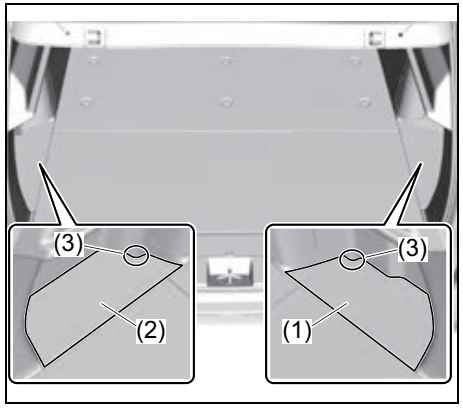
⚠ CAUTION

If you are not careful when handling the luggage board, you could be injured.
Handle the luggage board carefully when removing or installing it.

M15D model



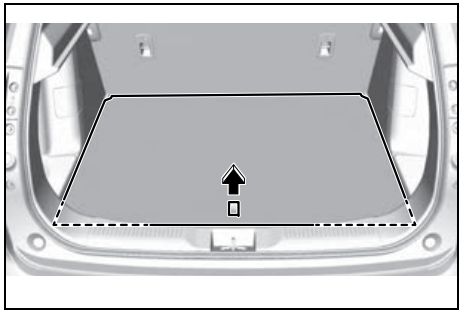
76TS70700



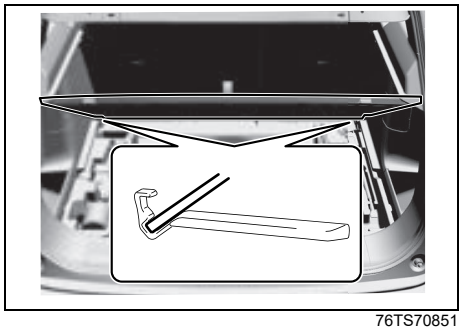
76TS70840

You can remove the luggage compartment board (right side) (1) and luggage compartment board (left side) (2) by hooking your fingers into these spaces (3) and pulling them.

K15C model



76TS70860



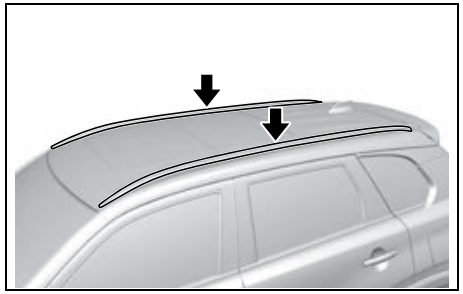
76TS70851

The luggage compartment board can be held open as shown in the illustration.

NOTICE

- **If the luggage compartment board is held open while driving, it can be damaged.**
  Do not hold open the board while driving.
- **When the luggage compartment board rests against the protruding part, do not slide the rear seat rearward or do not recline the rear seatback rearward. The luggage compartment board, the peripheral parts or the stored objects may be damaged.**

Roof Rails (if equipped)



76TS70710

You can use the roof rails to attach the optional roof rack which is available at Your Toyota Dealer. If you use a roof rack, observe the instructions and precautions in this section and provided with the roof rack.

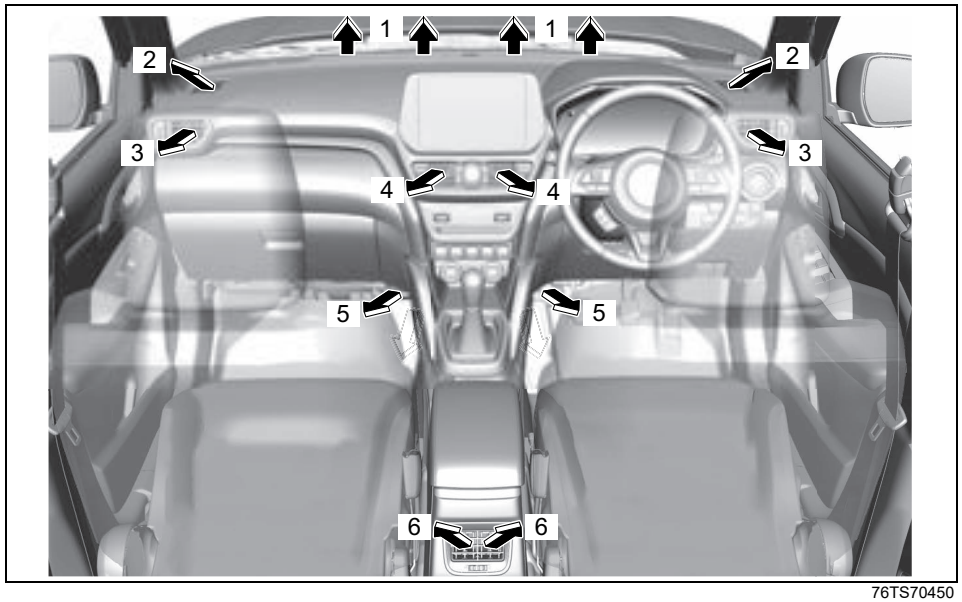
- Check that the roof rack is securely installed.
- To mount various types of cargo (such as skis, bicycles, etc.) properly, use suitable attachments which are available at Your Toyota Dealer. Install the attachments properly and securely according to the instructions provided. Do not mount cargo directly on the roof panel. The cargo can damage the roof panel.
- The gross weight of the roof rack plus cargo must not exceed the loading capacity.
  – Roof rails: 75 kg (165 lbs)
  Also, do not let the gross vehicle weight (fully loaded vehicle including driver, passengers, cargo, roof load and trailer tongue weight) exceed the Gross Vehicle Weight Rating (GVWR) listed in the “SPECIFICATIONS” section.
- Mount and secure the cargo onto the roof rack properly according to the instructions provided. Stow the heaviest items at the bottom and distribute the cargo as evenly as possible.
- Do not carry large items that hang over the bumpers or the sides of the vehicle. Otherwise, these items could block your view.
- Secure the front and rear ends of long items such as wood panels and surfboards, to both the front and rear of the vehicle. You should protect the painted surfaces of the vehicle from scuffing caused by tie-down ropes.
- Check periodically that the roof rack is securely installed and free from damage.

⚠ WARNING

- **Abrupt maneuvers or failure to properly secure cargo can allow the cargo to fly off the vehicle and hit others, causing personal injury or property damage.**
- **Mount cargo securely and avoid abrupt maneuvers such as jackrabbit starts, sharp turns, fast cornering and sudden braking. Check periodically that cargo is securely fastened.**
- **Large, bulky, long or flat items can affect vehicle aerodynamics or be caught by the wind, and can reduce vehicle control resulting in an accident and personal injury. Drive cautiously at a safely reduced speed when carrying this type of cargo.**

Heating and Air Conditioning System

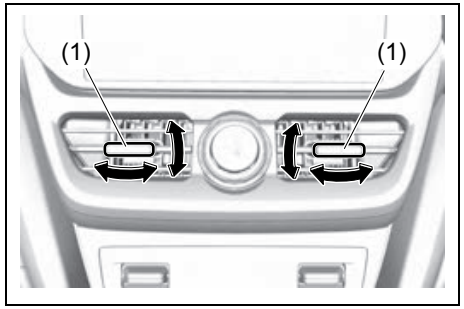
Air Outlet



76TS70450

1. Windshield defroster outlet
2. Side defroster outlet
3. Side outlet
4. Center outlet
5. Floor outlet
6. Rear outlet

Center outlet



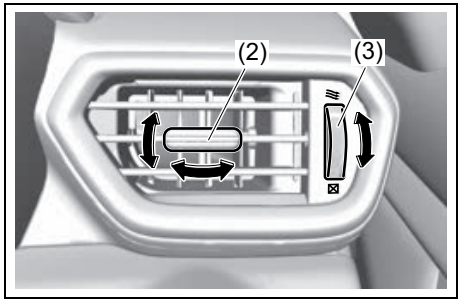
76TS70460

Move the knob (1) vertically or horizontally to adjust the direction of airflow as desired.

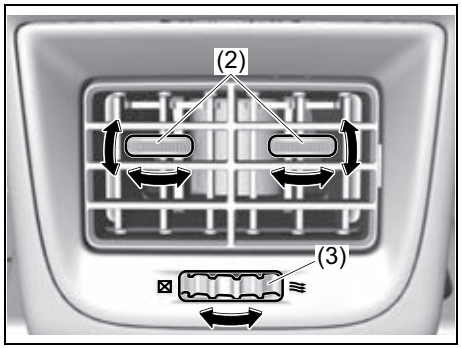
⚠ CAUTION

Prolonged exposure to hot air from the heater or air conditioner could result in low temperature burns. All vehicle occupants, particularly children, the elderly, those with special needs, individuals with delicate skin, and sleeping individuals, should maintain sufficient distance from the air outlets to prevent prolonged exposure to hot airflow.

Side outlet and rear outlet



76TS70470



55T070120

When open, air comes out regardless of the air flow selector position. Move the knob (2) vertically or horizontally, to adjust the direction of airflow as desired. The side outlet opens when you turn the dial (3) upward and closes when you turn it downward. The rear outlet opens when you move the dial (3) to the right and closes when you move it to the left.

⚠ CAUTION

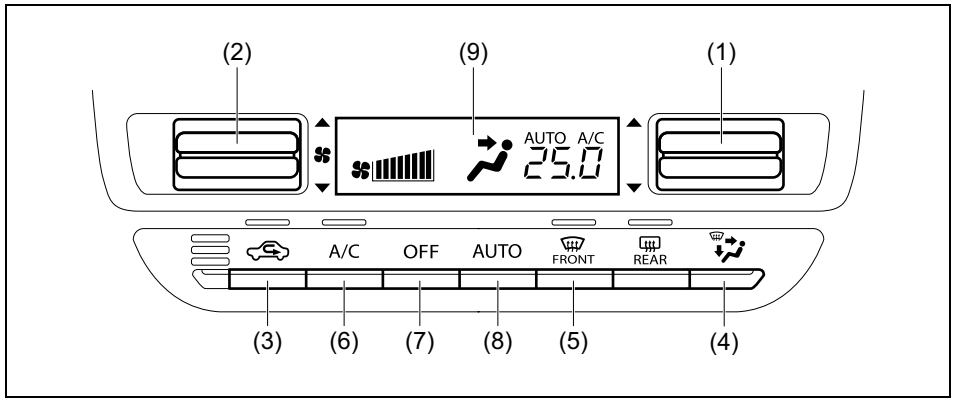
Prolonged exposure to hot air from the heater or air conditioner could result in low temperature burns. All vehicle occupants, particularly children, the elderly, those with special needs, individuals with delicate skin, and sleeping individuals, should maintain sufficient distance from the air outlets to prevent prolonged exposure to hot airflow.

NOTE:

- *For side outlet, if the front door windows are fogged, adjust to direct wind from the side outlets towards the front door windows. This will allow you to remove fog more quickly.*
- *The airflow from the rear outlet can be increased by fully moving the center outlet knob (1) to the inner side.*

Automatic Heating and Air Conditioning System (Climate Control)

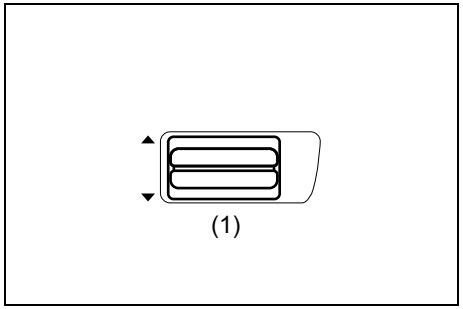
Description of Controls



55T070130

(1) Temperature selector
(2) Blower speed selector
(3) Air intake selector
(4) Air flow selector
(5) Defrost switch
(6) Air conditioning switch
(7) “OFF” switch
(8) “AUTO” switch
(9) Display

Temperature selector (1)

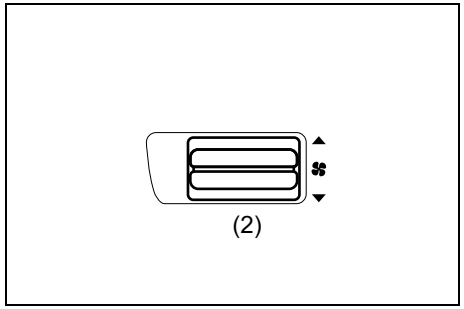


55T070140

Push upper part or lower part of the temperature selector (1) to adjust the temperature. The display (9) shows the selected temperature.

NOTE:
If you push the temperature selector (1) until “HI” or “LO” appears on the display, the climate control system will operate at maximum heating or cooling. The temperature of the air from the outlets may change suddenly while “LO” or “HI” is displayed, but this is normal.

Blower speed selector (2)

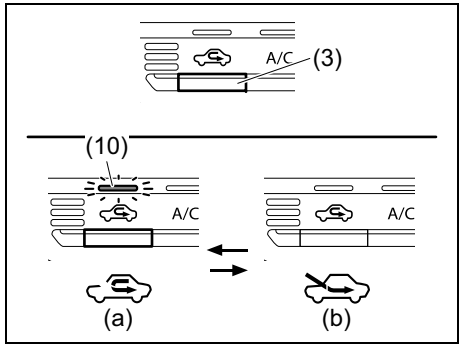


55T070150

The blower speed selector (2) is used to turn on the blower and to select blower speed.

If the “AUTO” switch (8) is pushed, the blower speed will vary automatically as the climate control system maintains the selected temperature.

Air intake selector (3)



55T070160

Push the air intake selector (3) to change between the following modes.

If the “AUTO” switch (8) is pushed, the air intake will vary automatically as the climate control system maintains the selected temperature.

NOTE:
When you select the recirculated air mode, the automatic operation system is deactivated if you push the “AUTO” switch (8).

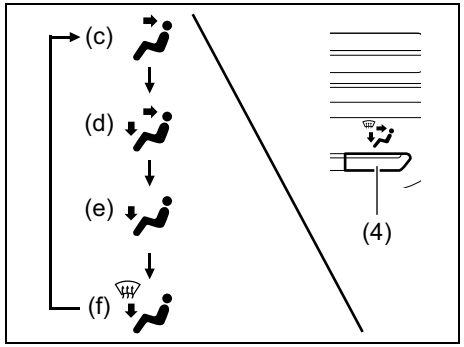
RECIRCULATED AIR (a)
When this mode is selected, inside air is recirculated. At the same time, the indicator light (10) will turn on. This mode is suitable when driving through an area with polluted air such as a tunnel, or when attempting to quickly cool down the vehicle.

FRESH AIR (b)
When this mode is selected, outside air is introduced. At the same time, the indicator light (10) will turn off.

The fresh air position (b) and recirculated air position (a) are selected alternately each time the air intake selector is pushed.

NOTE:
If you select the recirculated air position (a) for an extended period of time, the air in the vehicle may become contaminated. Therefore, you should occasionally select the fresh air position (b).

Air flow selector (4)

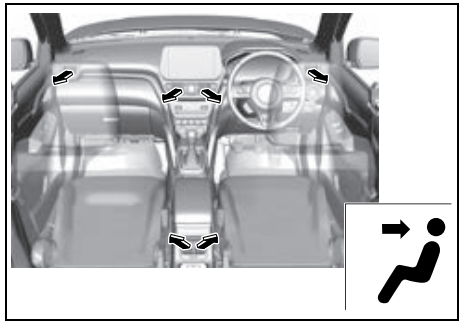


55T070170

Push the air flow selector (4) to change among the following functions. The indication of the selected mode appears on the display.

If the “AUTO” switch (8) is pushed, the air flow will vary automatically as the climate control system maintains the selected temperature.

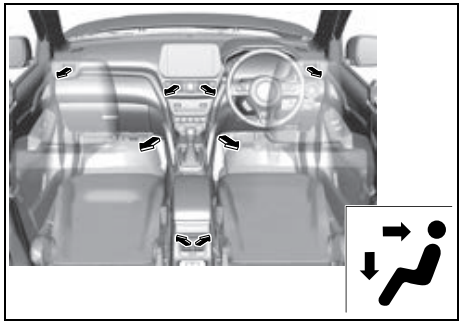
Ventilation (c)



76TS70480

Temperature-controlled air comes out of the center, side and rear outlets.

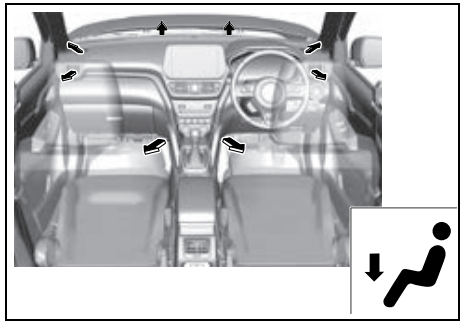
Bi-level (d)



76TS70500

Temperature-controlled air comes out of the floor outlets and cooler air comes out of the center, side and rear outlets. When the temperature selector (1) is in the fully COLD position or fully HOT position, however, the air from the floor outlets and the air from the center, side and rear (if equipped) outlets will be the same temperature.

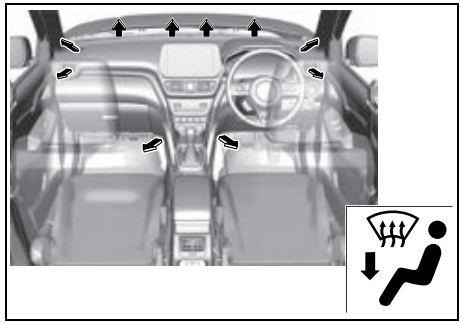
Heat (e)



76TS70520

Temperature-controlled air comes out of the floor outlets and the side outlets, also comes out of the windshield defroster outlets and also comes slightly out of the side defroster outlets.

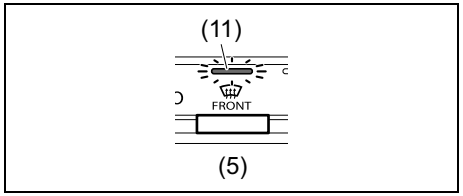
Heat and defrost (f)



76TS70541

Temperature-controlled air comes out of the floor outlets, the windshield defroster outlets, the side defroster outlets and the side outlets.

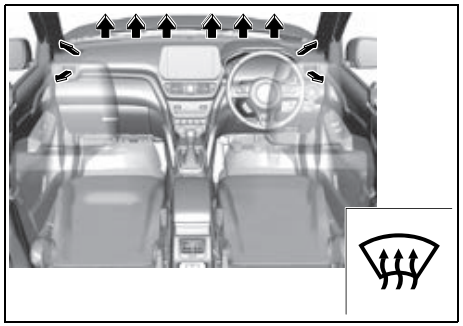
Defrost switch (5)



59RN07170

Push the defrost switch (5) to turn on the defroster. At the same time, the indicator light (11) will turn on.

Defrost

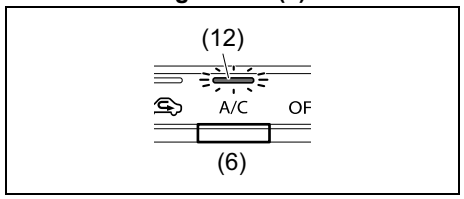


76TS70560

Temperature-controlled air comes out of the windshield defroster outlets, the side defroster outlets and the side outlets.

NOTE:
When the defrost switch (5) is pushed to turn on the defroster, the air conditioning system will come on and the fresh air position (b) will be selected automatically. In very cold weather, however, the air conditioning system will not turn on.

Air conditioning switch (6)



59RN07190

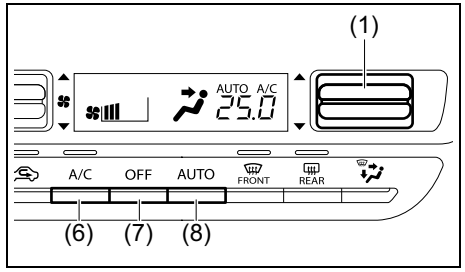
The air conditioning switch (6) is used to turn on and off the air conditioning system only when the blower is on. Push in the switch to turn on the air conditioning system. At the same time, “A/C” will appear on the display and the indicator light (12) will turn on.
Push in the switch again to turn off the air conditioning system. At the same time, “A/C” will go off and the indicator light (12) will turn off.

Models with idling stop system
When the engine is stopped automatically, the air conditioner switches to the ventilation position (a).

NOTE:
- *If the cooling and heating performance is insufficient when the engine is stopped automatically, push the idling stop system OFF switch to deactivate the idling stop system. (The engine is restarted automatically, and the cooling and heating performance is restored.)*
- *If the windshield and/or front door windows are fogged, push the defrost switch. (When the defrost switch is pushed, the engine is restarted automatically and the defroster is turned on.)*

System Operating Instructions

Automatic operation



55T070180

You can let the climate control system work automatically. To set the system for fully-automatic operation, follow the procedure below.

1) Start the engine.
2) Push the “AUTO” switch (8).
3) Set the desired temperature by pushing the temperature selector (1).
4) Push air conditioning switch (6). You can use the air conditioning switch (6) to manually turn the air conditioner on or off according to your preference. When you turn the air conditioning switch off, the climate control system cannot lower the inside temperature below outside temperature.

The blower speed, air intake and air flow are controlled automatically to maintain the set temperature. However, the air flow is

not changed to the defrost position automatically.

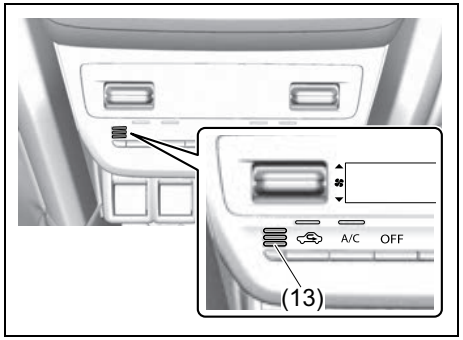
NOTE:
When you select the recirculated air mode, the automatic operation system is deactivated if you push the "AUTO" switch (8).

You can use the air conditioning switch (6) to manually turn the air conditioner on or off according to your preference. When you turn the air conditioning switch off, the climate control system cannot lower the inside temperature below outside temperature.

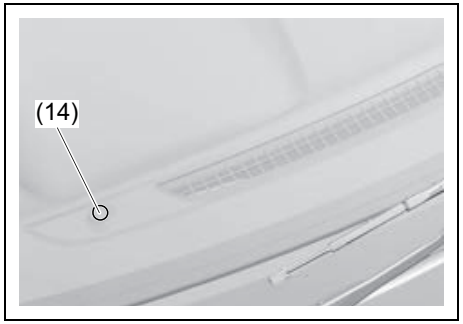
To turn the climate control system off, push the "OFF" switch (7).

NOTE:
If the "AUTO" on the display blinks, there is a problem in the heating system and/or air conditioning system. You should have the system inspected by Your Toyota Dealer.

NOTE:
- *To find the temperature at which you are most comfortable, start with the 25°C (75°F) setting.*
- *If you push the temperature selector (1) until "HI" or "LO" appears on the display, the climate control system will operate at maximum heating or cooling and the blower will run at full speed.*
- *To avoid blowing cold air in cold weather or hot air in hot weather, the system will delay turning on the blower until warmed or chilled air is available.*
- *If your vehicle has been left in the sun with the windows closed, it will cool faster if you open the windows briefly.*
- *Even under the automatic operation, you can set individual selectors to the manual mode. The manually selected functions are maintained, and the other functions remain under automatic operation.*
- *If the windshield and/or the front door windows are fogged, push the defrost switch (5) to turn on the defroster, or push the air flow selector (4) to change the air flow to the heat and defrost position (f) to defog the windows.*
- *To return the blower speed selector (2), air intake selector (3), and air flow selector (4) to automatic operation, push the "AUTO" switch (8).*



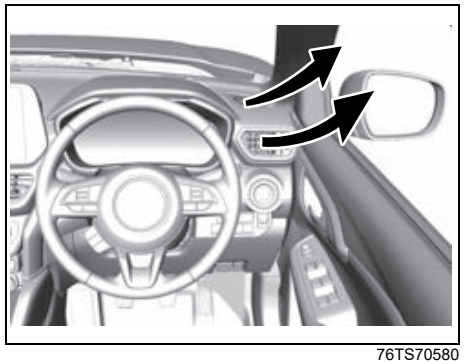
76TS70600



76TS70610

Be careful not to cover the interior temperature sensor (13) located on the climate control panel, or the solar sensor (14) located at the top of the driver's side dashboard. These sensors are used by the automatic system to regulate temperature.

Manual Operation
You can manually control the climate control system. Set the selectors to the desired positions.



76TS70580

NOTE:
If you need maximum defrosting, take the following procedure:
1) *Push the defrost switch (5) to turn on the defroster (the air conditioning system will come on and the fresh air position (b) will be selected automatically).*
2) *Set the blower speed selector to HIGH.*
3) *Adjust the temperature selector to the "HI" indication on the display.*
4) *Adjust the side outlets so the air blows on the side windows.*

Auto Purify (if equipped)

You can reduce the concentration of the particulate matter like PM2.5 in the air inside of the vehicle by using the Auto Purify feature.

While the Auto Purify feature is in operation, the climate control system may Automatically switch to internal air circulation and control blower speed.
For details on how to use this feature, refer to the owner's manual of infotainment system.

For the display contents, refer to the table bellow.

PM2.5 concentration range (µg/m^3)	Color name	Level
0-29	Green	Good
30-59	Light Green	Satisfactory
60-89	Yellow	Moderate
90-119	Orange	Poor
120-249	Red	Very Poor
250-999	Dark red	Severe

NOTE:
- *The PM2.5 concentration displayed is the value of the air in the vehicle at the particular instant and differs from the one published by govt agencies, 3rd parties and by other external devices. It may be used as an indicative guide for PM2.5 inside the vehicle.*
- *Using recommended TOYOTA genuine Air conditioner filter capable of filtering PM2.5 and following the maintenance schedule ensures correct functioning of Auto Purify.*
- *If the outside temperature is low, the air conditioner is not operating, the defroster is operating, this feature may not be available or may turned off even when functioning.*
- *When using the following switches of the climate control system, Auto Purify will turn OFF to give preference to USER request*
  – *Blower speed selector*
  – *Air intake selector*
  – *Air conditioning switch*
  – *"OFF" switch*
  – *"AUTO" switch*
  – *Defrost switch*

Maintenance

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

Your air conditioner is equipped with air filters. Clean or replace them as specified in "Maintenance Schedule" in the "INSPECTION AND MAINTENANCE" section. Have this job done by Your Toyota Dealer as the lower glove box must be lowered for this job.

NOTE:
Your vehicle uses the air conditioning refrigerant HFC-134a, commonly called R-134a. R-134a replaced R-12 around 1993 for automotive applications. Other refrigerants are available, including recycled R-12, but only R-134a should be used in your vehicle.

NOTICE
Using the wrong refrigerant may damage your air conditioning system. Use R-134a only. Do not mix or replace the R-134a with other refrigerants.

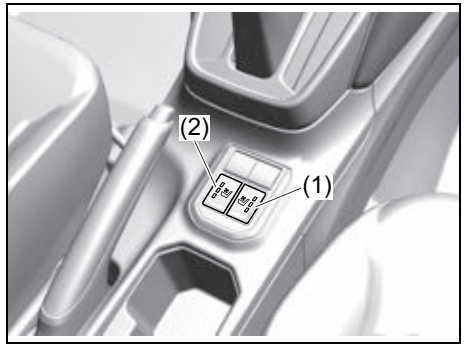
NOTE:
For the vehicle with hybrid system:
Do not leave the air conditioning system on longer than necessary when the hybrid system is off.

How to Use Air Conditioning System Effectively

Parking under the blazing sun
After parking for a long time under the blazing sun, the interior temperature can become very high. Use the air conditioning system, with the windows or doors opened to ventilate the interior.

Ventilated Seats (if equipped)

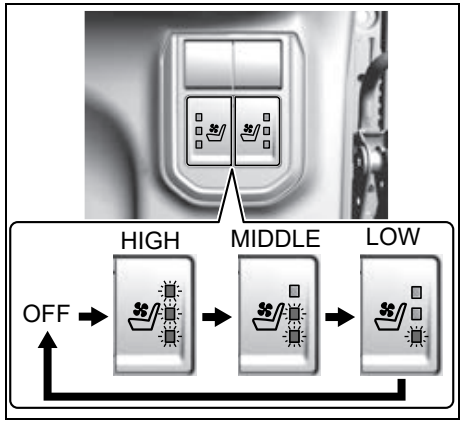
The fans for ventilated seats breathe air and ventilate the seat surface through small vent holes on the surface of the seat cushions and seatbacks.
You can use the seat ventilation when you want to get a cool feeling and reduce a stuffy feeling.



76TS70740

(1) Air ventilation switch (right side)
(2) Air ventilation switch (left side)

Each time you press the switch, the airflow will change as follows:



76TS70750

- The ventilated seat defaults to the OFF position whenever the ignition is turned ON.
- Depending airflow of the ventilated seat, the operating sound of fan motor will vary. Adjust airflow for both the air conditioner and the ventilated seat to your preference.
- If you use the air conditioner and the ventilated seat at the same time, they will inhale cool air around the driver and/or the front passenger. So that, you can effectively feel coolness.

⚠ CAUTION

- **Never use a solvent such as paint thinner, benzene, alcohol or gasoline to clean the seats.**
- **Do not use the ventilated seat in the following situations:**
  –The seat is not occupied.
  –There are objects on the seat, such as a child seat, newspapers, plastic bags.
- **For the ventilated seat, do not use the objects which cover the seat surface, such as the seat cover and the seat cushion.**
- **If you spill any liquid, wipe it off immediately. Do not use the air ventilation function until the seat becomes dry. Contact of liquid with the seat ventilation system may impact its functionality.**
- **Do not place any sharp or heavy object on the passenger seat which can penetrate through seat upholstery and can cause damage to the ventilation system.**
- **If there is any problem with the seat ventilation system, visit Your Toyota Dealer for further assistance.**

(Continued)

⚠ CAUTION

(Continued)

- **The battery can be discharged if the seat ventilation system is used for a long time with the ignition mode ON and without engine running.**
- **If small vent holes on the surface of the seat cushions and seatbacks are clogged with dust and dirt, the air suction force for the ventilated seat may weaken. In this case, clean the seat surface by the vacuum cleaner.**
- **For lubrication of motor rotating part, the ventilated seat will operate for a short period of time with the ignition mode ON.**

Installation of Radio Frequency Transmitters

We recommend that you always ask Your Toyota Dealer about frequency band, max output power, antenna position of vehicle and specific conditions for installation and/or use before installing a radio transmitter in your vehicle. Such equipments may cause the electronic control system to malfunction if they are incorrectly installed or they are not suited for the vehicle.

NOTICE

Improper installation of mobile communication equipment such as cellular telephones, CB (Citizen's Band) radios or any other wireless transmitters may cause electronic interference with your vehicle's ignition system or any other electrical systems resulting in vehicle performance problems. Consult Your Toyota Dealer for advice.

Audio Function

When Using Audio System with Appropriate Volume not to Disturb Safe Driving

- When playing music or other audio, if a mobile phone is used inside or nearby the vehicle, noise may be heard from the speakers. This does not indicate a malfunction.
- Navigation and audio equipment may not function properly if they are interfered with unauthorized radio waves.
- For further information about the features of the navigation or audio equipment, refer to the instruction manuals.

⚠ WARNING

If you operate the navigation or audio equipment, you may be distracted by them, resulting in an accident.
Do not operate the navigation or audio equipment while driving.

NOTICE

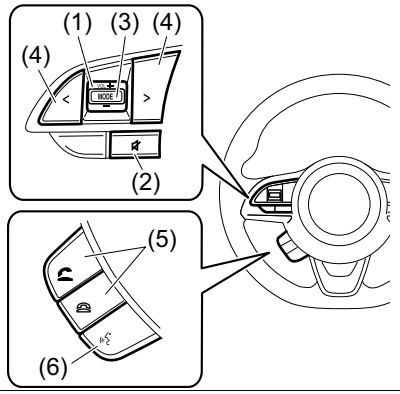
While the engine is stopped, using the navigation or audio equipment for a long period of time may cause the lead-acid battery to run out.
Do not use the navigation or audio equipment for a long period of time while the engine is stopped.

Remote Audio Controls (if equipped)

Controlling basic functions of the audio system is available using the switches on the steering wheel.
The remote audio switches are available when the engine switch / the power switch is in ACC or ON mode.

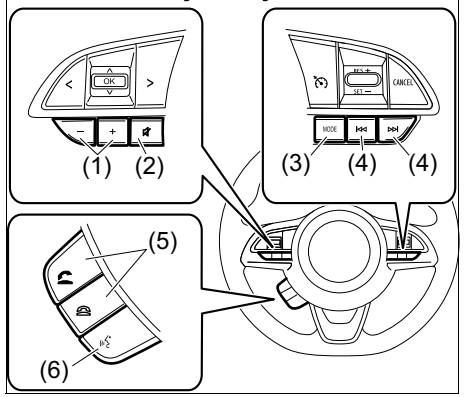
- For operation of an audio system or a navigation system, refer to the supplementary manual, provided along with it.
- The operating procedure may be different depending on an audio system or a navigation system.

Vehicles without hybrid system



55T070400

Vehicles with hybrid system



76TS70760

(1) Volume switch
(2) Mute switch
(3) “MODE” switch
(4) Select switch
(5) Hands-free switch
(6) Voice recognition switch

Volume Switch (1)

You can adjust volume with this switch.
- To increase the volume, press “+” side.
- To decrease the volume, press “–” side.
- The volume will continue to increase or decrease until this switch is released.

Mute Switch (2)

To mute this sound, press the switch (2).

“MODE” Switch (3)

Every time you press this switch, the audio modes such as radio, etc. will be switched in order.
Depending on a navigation system or an audio systems, you can turn on the system by pressing this switch, even when the equipment itself is turned off.

Select Switch (4)

Every time you press this switch, you can select broadcast station or music according to your preference, along with the currently selected mode.

Hands-free Switch (5)

You can use this switch for the equipment which has the hands-free function. To use the function, you need to set up for the equipment. Refer to the supplementary manual for details.

Voice Recognition Switch (6)*

You can use this switch for the equipment which has the voice recognition function. To use the function, you need to set up for the equipment. Refer to the supplementary manual for details.

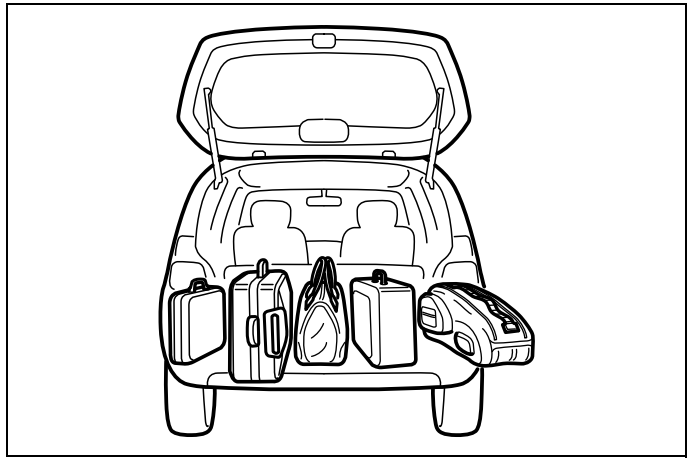
*: When using Apple CarPlay or Android Auto™ on infotainment system

Apple CarPlay may not be available in your country or region.
For details about Apple CarPlay, visit the following site:
http://www.apple.com/ios/carplay

Android Auto™ may not be available in your country or region.
For details about Android Auto, please refer to the Google support site:
http://support.google.com/androidauto

MEMO

VEHICLE LOADING AND TOWING



54G215

Vehicle Loading 8-1
Trailer Towing 8-1

Vehicle Loading

Your vehicle was designed for specific weight capacities. The weight capacities of your vehicle are indicated by the Gross Vehicle Weight Rating (GVWR) and the Permissible maximum Axle Weight (PAW, front and rear). The GVWR and PAW (front and rear) are listed in the “SPECIFICATIONS” section.

GVWR – Maximum permissible overall weight of the fully loaded vehicle (including all the occupants, accessories and cargo plus the trailer nose weight if towing a trailer).
PAW – (Front and Rear) Maximum permissible weight on an individual axle.

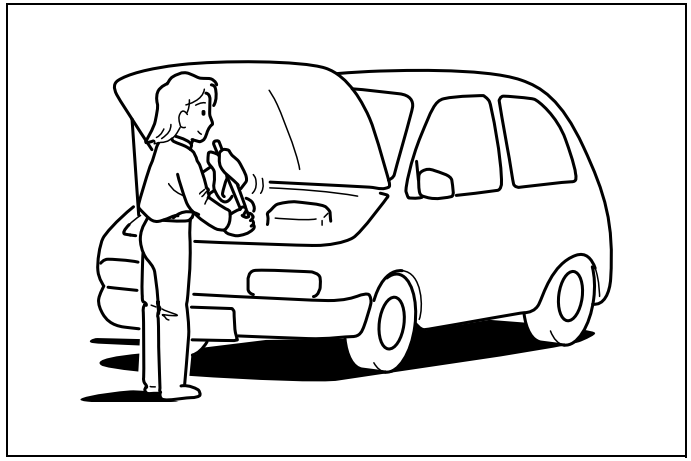
Actual weight of the loaded vehicle and actual loads at the front and rear axles can only be determined by weighing the vehicle. Compare these weights to the GVWR and PAW (front and rear). If the gross vehicle weight or the load on either axle exceeds these ratings, you must remove enough weight to bring the load down to the rated capacity.

⚠ WARNING

- **Never overload your vehicle. The gross vehicle weight (sum of the weights of the vehicle, all the occupants, accessories, cargo plus trailer nose weight if towing a trailer) must never exceed the Gross Vehicle Weight Rating (GVWR). In addition, never distribute a load so that the weight on either the front or rear axle exceeds the Permissible maximum Axle Weight (PAW).**
- **Always distribute cargo evenly. To avoid personal injury or damage to your vehicle, always secure cargo to prevent it from shifting if the vehicle moves suddenly. Place heavier objects on the floor and as far forward in the cargo area as possible. Never pile cargo higher than the top of the seat backs.**

Trailer Towing

Your vehicle was originally designed to carry people and a normal amount of cargo, not to tow a trailer.

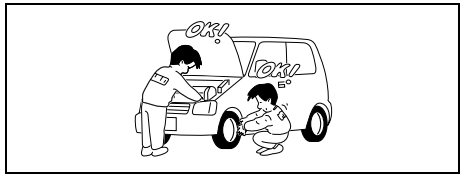


60G410

INSPECTION AND MAINTENANCE

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59RN05750

⚠ WARNING

Take extreme care when working on your vehicle to prevent accidental injury. Carefully observe the following precautions:

- **To prevent damage or unintended activation of the airbag system or seat belt pretensioner system, check that the lead-acid battery is disconnected and the ignition switch has been in "LOCK" position or the ignition mode has been in LOCK (OFF) position for at least 90 seconds before performing any electrical service work on your TOYOTA vehicle. Do not touch airbag system components, seat belt pretensioner system components or wires. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.**
- **Do not leave the engine running in garages or other confined areas.**

(Continued)

⚠ WARNING

(Continued)

- **When the engine is running, keep hands, clothing, tools, and other objects away from the fan and drive belt. Even though the fan may not be moving, it can automatically turn on without warning.**
- **When it is necessary to perform service work with the engine running, check that the parking brake is set fully and the transmission is in Neutral (for manual transmission vehicles) or Park (for automatic transmission vehicles).**
- **Do not touch ignition wires or other ignition system parts when starting the engine or when the engine is running, or you could receive an electric shock.**
- **Be careful not to touch a hot engine, exhaust manifold and pipes, muffler, radiator and water hoses.**
- **Do not allow smoking, sparks, or flames around fuel or the battery. Flammable fumes are present.**

(Continued)

⚠ WARNING

(Continued)

- **Do not get under your vehicle if it is supported only with the portable jack provided in your vehicle.**
- **Be careful not to cause accidental short circuits between the positive and negative battery terminals.**
- **Keep used oil, coolant, and other fluids away from children and pets. Dispose of used fluids properly; never pour them on the ground, into sewers, etc.**

Maintenance Schedule

The following table shows the timing when you should perform regular maintenance on your vehicle. This table shows in miles, kilometers and months when you should perform inspections, adjustments, lubrication and other services. These intervals should be shortened if driving is usually done under severe conditions (refer to “Maintenance recommended under severe driving conditions”).

⚠ WARNING

TOYOTA recommends that maintenance on items marked with an asterisk (*) be performed by Your Toyota Dealer. If you are qualified, you may perform maintenance on the unmarked items by referring to the instructions in this section. If you are not sure whether you can successfully complete any of the unmarked maintenance jobs, ask Your Toyota Dealer to do the maintenance for you.

NOTICE

Whenever it becomes necessary to replace parts on your vehicle, it is recommended that you use genuine TOYOTA replacement parts or their equivalent.

Periodic Maintenance Schedule - K15C engine model

“C”: Clean

“R”: Replace or Change

“I”: Inspect, clean, adjust, lubricate or replace as necessary

“L”: Lubricate

“T”: Tighten to Specified Torque

“O”: Rotate

NOTE:
This table includes services as scheduled up to 80,000 km mileage. Beyond 80,000 km, carry out the same services at the same intervals respectively.

Interval: This interval should be judged by odometer reading or months, whichever comes first.			FREE INSPECTION			PERIODIC MAINTENANCE AT COST						
		km (x1000)	1	5	10	20	30	40	50	60	70	80
		months	1	6	12	24	36	48	60	72	84	96
ENGINE												
1-1.	Engine accessory drive belt (Wear)		–	–	I	I	R	I	I	R	I	I
1-2.	Water pump drive belt (Wear)		–	–	I	I	I	I	I	I	I	R
1-3.	Engine Coolant (Level, Leakage)	First time:	Replace at 160000km or 96 months									
		Second time and after:	Replace at 80000 km or 48 months									
1-4.	Engine oil, engine oil filter and drain plug gasket (Level, Leakage)		I	I	R	R	R	R	R	R	R	R
1-5.	Cooling system hoses and connections (Leakage and Damage)		I	I	I	I	I	I	I	I	I	I
1-6.	Engine Mounting & manifold fixing (Loose, Damage)		–	–	I	–	I	–	I	–	I	–
1-7.	Exhaust System (Noise, Leakage etc.)		–	I	–	I	–	I	–	I	–	I
1-8.	Positive Crank Case Ventilation System (Hoses, Connections and Valve)		–	I	–	I	–	I	–	I	–	I
IGNITION												
2-1.	Ignition wire (Damage, Deterioration)		–	–	–	I	–	I	–	I	–	I
2-2.	Spark Plug	Petrol	Replace after every 1,00,000 KM or 84 months whichever comes first.									
		CNG	Replace every 50,000 KM or 48 months whichever comes first									
FUEL												
3-1.	Air cleaner filter element	Paved-road	Clean after every 5,000 KM. Replace after every 40,000 KM.									
		Dusty Condition	Clean after every 2,500 KM or as required. Replace after every 40,000 KM.									
3-2.	Fuel tank cap, fuel lines and connections (Leakage and Damage)		–	I	–	–	–	I	–	–	–	I
3-3.	Fuel Filter		Replace after every 1,00,000 Kms or 120 months whichever comes first.									
3-4.	Fuel Tank		–	–	–	–	–	I	–	–	–	I
CLUTCH AND TRANSMISSION												
4-1.	Clutch fluid (Level, Leakage)		I	I	I	I	I	I	I	I	I	I
			Replace every 40000 km or 24 months whichever comes first									
4-2.	Clutch slipping (Dragging or Excess Damage)		I	I	I	I	I	I	I	I	I	I

Interval: This interval should be judged by odometer reading or months, whichever comes first.			FREE INSPECTION			PERIODIC MAINTENANCE AT COST						
		km (xI000)	1	5	10	20	30	40	50	60	70	80
		months	1	6	12	24	36	48	60	72	84	96
4-3.	Manual Transmission Oil (Level, Leakage)		I	I	I	I	I	I	I	I	I	I
4-4.	Automatic Transaxle Fluid (Leakage)		–	–	–	I	–	I	–	I	–	I
4-5.	Transfer Oil (4WD) (Level, Leakage)		I	I	I	I	I	I	I	I	I	I
			Replace every 150000 km or 120months whichever comes first									
4-6.	Rear Differential Oil (4WD) (Level, Leakage)		I	I	I	I	I	I	I	I	I	I
			Replace every 150000 km or 120months whichever comes first									
4-7.	Hose, Automatic Transaxle Cooler (Leakage & Damage)		I	I	I	I	I	I	I	I	I	I
4-8.	Gear shifter (Operation)		I	I	I	I	I	I	I	I	I	I
DRIVE SHAFT												
5-1.	Drive shaft noise		I	I	I	I	I	I	I	I	I	I
5-2.	Drive shaft boot / Propeller shafts (boot damage)		–	I	I	I	I	I	I	I	I	I
BRAKE												
6-1.	Brake Fluid (Level, Leakage)		I	I	I	I	I	I	I	I	I	I
			Replace every 40000 km or 24 months whichever comes first									
6-2.	Brake pedal (Pedal - wall clearance)		I	I	I	I	I	I	I	I	I	I
6-3.	Parking brake lever and cable (Play, Damage)		I	I	I	I	I	I	I	I	I	I
6-4.	Brake disc and pad (Wear)		–	I	I	I	I	I	I	I	I	I
6-6.	Brake hoses and pipes (Fluid leakage, Damage)		I	I	I	I	I	I	I	I	I	I
6-7.	Master cylinder, wheel cylinder and caliper piston (Fluid leakage, boot/seal damage)		I	I	I	I	I	I	I	I	I	I
WHEEL												
7-1.	Tires (Air pressure, Abnormal wear, Crack and Rotation)		I	I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O
7-2.	Wheels (Damage)		I	I	I	I	I	I	I	I	I	I
7-3.	Front/Rear wheel bearing (Loose, Damage)		I	I	I	I	I	I	I	I	I	I

Interval: This interval should be judged by odometer reading or months, whichever comes first.		FREE INSPECTION			PERIODIC MAINTENANCE AT COST						
	km (xI000)	1	5	10	20	30	40	50	60	70	80
	months	1	6	12	24	36	48	60	72	84	96
FRONT / REAR SUSPENSION											
8-1.	Suspension strut (Oil leakage, Damage)	I	I	I	I	I	I	I	I	I	I
8-2.	Suspension arms / Knuckle support and Torsion rods (Loose, Damage)	–	I	I	I	I	I	I	I	I	I
8-3.	Rear spring (Damage)	I	I	I	I	I	I	I	I	I	I
8-4.	Shock absorbers (Oil leakage, Damage)	I	I	I	I	I	I	I	I	I	I
8-5.	All bolts and nuts (Loose)	–	T	T	T	T	T	T	T	T	T
STEERING											
9-1.	Steering wheel (Play, Loose)	I	I	I	I	I	I	I	I	I	I
9-2.	All rods and arms (Loose, Damage, Wear)	I	I	I	I	I	I	I	I	I	I
9-3.	Tilt & Telescopic Steering (Operation)	I	I	I	I	I	I	I	I	I	I
ELECTRICAL											
10-1.	Battery - electrolyte (Level, leakage) and voltage	I	I	I	I	I	I	I	I	I	I
10-2.	Wiring harness connection (Loose, Damage)	–	I	I	I	I	I	I	I	I	I
10-3.	Lighting system (Operation, Stains, Damage)	I	I	I	I	I	I	I	I	I	I
10-4.	Wiper (Operation, Stains, Damage)	I	I	I	I	I	I	I	I	I	I
10-5.	Horn (Operation)	I	I	I	I	I	I	I	I	I	I
10-6.	USB and accessory socket (Operation)	–	I	I	I	I	I	I	I	I	I
10-7.	Sunroof (Operation)	I	I	I	I	I	I	I	I	I	I
10-8.	Wireless charger	I	I	I	I	I	I	I	I	I	I

⚠ WARNING

The shock absorbers are filled with high pressure gas. Never attempt to disassemble them or throw them into a fire. Avoid storing them near a heater or heating device. When scrapping the absorber, the gas must be released from the absorber safely. Ask Maruti Suzuki authorised workshop for assistance.

Interval: This interval should be judged by odometer reading or months, whichever comes first.		FREE INSPECTION			PERIODIC MAINTENANCE AT COST						
	km (xI000)	1	5	10	20	30	40	50	60	70	80
	months	1	6	12	24	36	48	60	72	84	96
BODY											
11-1.	All chassis bolts and nuts (Tighten)	–	T	T	T	T	T	T	T	T	T
11-2.	All latches, hinges and locks (Function)	I	I&L	I&L	I&L	I&L	I&L	I&L	I&L	I&L	I&L
ROAD TEST											
12-1.	Operation of Brakes, gear shifting and speedometer	I	I	I	I	I	I	I	I	I	I
12-2.	Body and chassis noise	I	I	I	I	I	I	I	I	I	I
AIR CONDITIONER											
13-1.	Tighten compressor mounting bolt	–	T	T	T	T	T	T	T	T	T
13-2.	All hose joint (Check, Tighten)	I	I	I	I	I	I	I	I	I	I
13-3.	Check functioning of Recirculating flap	I	I	I	I	I	I	I	I	I	I
13-4.	Clean condenser with low pressure water	–	C	C	C	C	C	C	C	C	C
13-5.	Check all mounting bolts	I	I	I	I	I	I	I	I	I	I
13-6.	Air conditioner filter element (PM 2.5 filter)	–	–	R	R	R	R	R	R	R	R

Periodic Maintenance Schedule - M15D engine model

“C”: Clean

“R”: Replace or Change

“I”: Inspect, clean, adjust, lubricate or replace as necessary

“L”: Lubricate

“T”: Tighten to Specified Torque

“O”: Rotate

NOTE:
This table includes services as scheduled up to 80,000 km mileage. Beyond 80,000 km, carry out the same services at the same intervals respectively.

Interval: This interval should be judged by odometer reading or months, whichever comes first.			FREE INSPECTION			PERIODIC MAINTENANCE AT COST						
		km (x1000)	1	5	10	20	30	40	50	60	70	80
		months	1	6	12	24	36	48	60	72	84	96
ENGINE												
1-1.	Engine Coolant (Level, Leakage)	First time:	Replace at 160000km or 96 months									
		Second time and after:	Replace at 80000 km or 48 months									
1-2.	Engine oil, engine oil filter and drain plug gasket (Level, Leakage)		–	–	R	R	R	R	R	R	R	R
1-3.	Cooling system hoses and connections (Leakage and Damage)		–	–	I	I	I	I	I	I	I	I
1-4.	Engine Mounting & manifold fixing (Loose, Damage)		–	–	I	–	I	–	I	–	I	–
1-5.	Exhaust System (Noise, Leakage etc.)		–	–	–	I	–	I	–	I	–	I
1-6.	Inverter coolant (Level, Leakage)	First time:	Replace at 160000km or 96 months									
		Second time and after:	Replace at 80000 km or 48 months									
IGNITION												
2-1.	Ignition wire (Damage, Deterioration)		–	–	–	I	–	I	–	I	–	I
2-2.	Spark Plug		Replace after every 1,00,000 KM or 84 months whichever comes first.									
FUEL												
3-1.	Air cleaner filter element	Paved-road	–	–	I	I	R	I	I	R	I	I
		Dusty Condition	Clean after every 2,500 KM or as required. Replace after every 30,000 KM.									
3-2.	Fuel tank cap, fuel lines and connections (Leakage and Damage)		–	–	–	I	–	I	–	I	–	I
3-3.	Fuel Filter		Replace after every 1,00,000 Kms or 120 months whichever comes first.									
3-4.	Fuel Tank		–	–	–	–	–	I	–	–	–	I
TRANSMISSION												
4-1.	Transaxle Oil (Leakage)		–	–	–	–	–	I	–	–	–	I
4-2.	Fluid Hose		–	–	–	–	–	I	–	–	–	I
4-3.	Gear shifter (Operation)		I	I	I	I	I	I	I	I	I	I

Interval: This interval should be judged by odometer reading or months, whichever comes first.			FREE INSPECTION			PERIODIC MAINTENANCE AT COST						
		km (xl000)	1	5	10	20	30	40	50	60	70	80
		months	1	6	12	24	36	48	60	72	84	96
DRIVE SHAFT												
5-1.	Drive shaft noise		I	I	I	I	I	I	I	I	I	I
5-2.	Drive shaft boot (boot damage)		–	I	I	I	I	I	I	I	I	I
BRAKE												
6-1.	Brake Fluid (Level, Leakage)		I	I	I	I	I	I	I	I	I	I
			Replace every 40000 km or 24 months whichever comes first									
6-2.	Brake pedal (Pedal - wall clearance)		I	I	I	I	I	I	I	I	I	I
6-3.	Parking brake lever and cable (Play, Damage)		I	I	I	I	I	I	I	I	I	I
6-4.	Brake disc and pad (Wear)		–	I	I	I	I	I	I	I	I	I
6-6.	Brake hoses and pipes (Fluid leakage, Damage)		I	I	I	I	I	I	I	I	I	I
6-7.	Master cylinder, wheel cylinder and caliper piston (Fluid leakage, boot/seal damage)		I	I	I	I	I	I	I	I	I	I
WHEEL												
7-1.	Tires (Air pressure, Abnormal wear, Crack and Rotation)		I	I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O
7-2.	Wheels (Damage)		I	I	I	I	I	I	I	I	I	I
7-3.	Front/Rear wheel bearing (Loose, Damage)		I	I	I	I	I	I	I	I	I	I
FRONT / REAR SUSPENSION												
8-1.	Suspension strut (Oil leakage, Damage)		I	I	I	I	I	I	I	I	I	I
8-2.	Suspension arms / Knuckle support and Torsion rods (Loose, Damage)		–	I	I	I	I	I	I	I	I	I
8-3.	Rear spring (Damage)		I	I	I	I	I	I	I	I	I	I
8-4.	Shock absorbers (Oil leakage, Damage)		I	I	I	I	I	I	I	I	I	I
8-5.	All bolts and nuts (Loose)		–	T	T	T	T	T	T	T	T	T

⚠ WARNING

The shock absorbers are filled with high pressure gas. Never attempt to disassemble them or throw them into a fire. Avoid storing them near a heater or heating device. When scrapping the absorber, the gas must be released from the absorber safely. Ask Maruti Suzuki authorized workshop for assistance.

Interval: This interval should be judged by odometer reading or months, whichever comes first.		FREE INSPECTION			PERIODIC MAINTENANCE AT COST						
	km (xl000)	1	5	10	20	30	40	50	60	70	80
	months	1	6	12	24	36	48	60	72	84	96
STEERING											
9-1.	Steering wheel (Play, Loose)	I	I	I	I	I	I	I	I	I	I
9-2.	All rods and arms (Loose, Damage, Wear)	I	I	I	I	I	I	I	I	I	I
9-3.	Tilt & Telescopic Steering (Operation)	I	I	I	I	I	I	I	I	I	I
ELECTRICAL											
10-1.	Battery - electrolyte (Level, leakage) and voltage	I	I	I	I	I	I	I	I	I	I
10-2.	Wiring harness connection (Loose, Damage)	–	I	I	I	I	I	I	I	I	I
10-3.	Lighting system (Operation, Stains, Damage)	I	I	I	I	I	I	I	I	I	I
10-4.	Wiper (Operation, Stains, Damage)	I	I	I	I	I	I	I	I	I	I
10-5.	Horn (Operation)	I	I	I	I	I	I	I	I	I	I
10-6.	USB and accessory socket (Operation)	–	I	I	I	I	I	I	I	I	I
10-7.	Sunroof (Operation)	I	I	I	I	I	I	I	I	I	I
10-8.	Wireless charger	I	I	I	I	I	I	I	I	I	I
BODY											
11-1.	All chassis bolts and nuts (Tighten)	–	T	T	T	T	T	T	T	T	T
11-2.	All latches, hinges and locks (Function)	I	I&L	I&L	I&L	I&L	I&L	I&L	I&L	I&L	I&L
11-3.	Hybrid battery cooling intake filter	–	–	I	I	I	I	I	I	I	I
ROAD TEST											
12-1.	Operation of Brakes, gear shifting and speedometer	I	I	I	I	I	I	I	I	I	I
12-2.	Body and chassis noise	I	I	I	I	I	I	I	I	I	I
AIR CONDITIONER											
13-1.	Tighten compressor mounting bolt	–	T	T	T	T	T	T	T	T	T
13-2.	All hose joint (Check, Tighten)	I	I	I	I	I	I	I	I	I	I
13-3.	Check functioning of Recirculating flap	I	I	I	I	I	I	I	I	I	I
13-4.	Clean condenser with low pressure water	–	C	C	C	C	C	C	C	C	C
13-5.	Check all mounting bolts	I	I	I	I	I	I	I	I	I	I
13-6.	Air conditioner filter element (PM 2.5 filter)	–	–	R	R	R	R	R	R	R	R

Drive Belt

⚠ WARNING

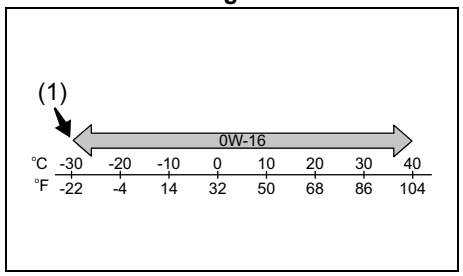
When the engine is running, keep hands, hair, clothing, tools, etc. away from the moving fan and drive belts.

Since special procedures are required, ask Your Toyota Dealer for this job.

Engine Oil and Filter

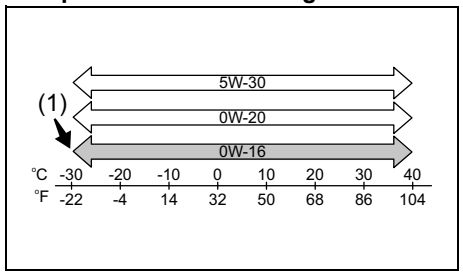
Specified Oil

For India - K15C engine model



56RM07013

Except for India - K15C engine model



76TS90780

(1) Preferred

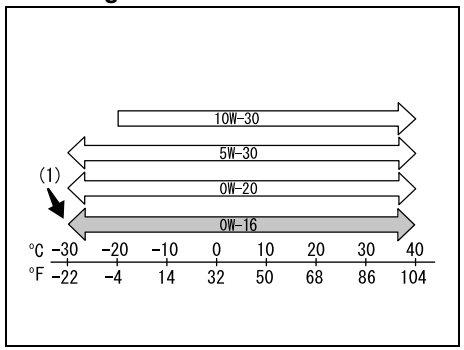
For India, check that the engine oil you use comes under the quality classification of API SN, SP. Select the appropriate oil viscosity according to the above chart.

Except for India, be sure that the engine oil you use comes under the quality classification as listed below.
- API SL, SM, SN, SP
- ILSAC GF-6

SAE 0W-16 (1) is the best choice for good fuel economy, and good starting in cold weather.

NOTE:
We recommend that you use TOYOTA genuine oil. To purchase it, see Your Toyota Dealer.

M15D engine model



76TS90710

Be sure that the engine oil you use comes under the quality classification as listed below.

- API SL, SM, SP, SN, SN PLUS
- ILSAC GF-6A, 6B

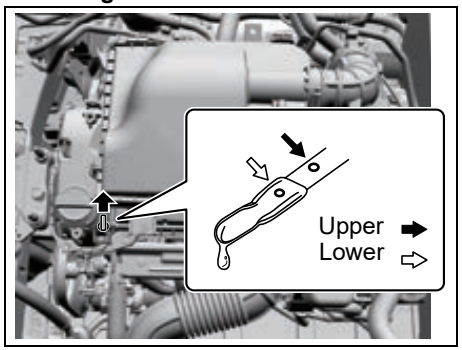
Select the appropriate oil viscosity according to the above chart.

SAE 0W-16 (1) is the best choice for good fuel economy, and good starting in cold weather.

NOTE:
We recommend that you use TOYOTA genuine oil. To purchase it, see Your Toyota Dealer.

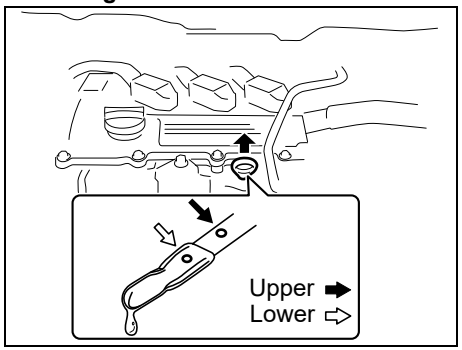
Oil Level Check

K15C engine model



76TS90140

M15D engine model



76TS90650

It is important to keep the engine oil at the correct level for proper lubrication of your vehicle's engine. Check the oil level with the vehicle on a level surface. The oil level indication may be inaccurate if the vehicle is on a slope. The oil level should be checked either before starting the engine or hybrid system, or at least 5 minutes after stopping the engine or hybrid system.

Pull out the oil dipstick, wipe the oil off with a clean cloth, insert the dipstick all the way into the engine, and then remove it again. The oil on the stick should be between the upper and lower limits shown on the stick. If the oil level indication is near the lower limit, add enough oil to raise the level to the upper limit.

NOTICE
Failure to check the oil level regularly could lead to serious engine trouble due to insufficient oil.

Refilling

Since special procedures are required, ask Your Toyota Dealer for this job.

Changing Engine Oil

Since special procedures are required, ask Your Toyota Dealer for this job.

Oil Filter Replacement

Since special procedures are required, ask Your Toyota Dealer for this job.

Refilling with Oil and Oil Leakage Check

Since special procedures are required, ask Your Toyota Dealer for this job.

Engine Coolant

Selection of Coolant

To maintain optimum performance and durability of your engine, use TOYOTA genuine coolant or equivalent.

This type of coolant is the best for cooling system for the following reasons:

- The coolant helps maintain proper engine temperature.
- It gives proper protection against freezing and boiling.
- It gives proper protection against corrosion and rust.

Failure to use the proper coolant can damage your cooling system. Your Toyota Dealer can help you select the proper coolant.

NOTICE

To avoid damaging your cooling system:

- **Always use a high quality ethylene glycol base non-silicate type coolant diluted with distilled water at the correct mixture concentration.**
- **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, coolant Your Toyota Dealer.**
- **Do not use straight coolant nor plain water.**
- **Do not add extra inhibitors or additives. They may not be compatible with your cooling system.**
- **Do not mix different types of base coolants. Doing so may result in accelerated seal wear and/or the possibility of severe overheating and extensive engine/automatic transmission damage.**

Coolant Level Check

Check the coolant level at the reservoir tank, not at the radiator. With the engine and hybrid system cool, the coolant level should be between “FULL” and “LOW” marks.

Adding Coolant

⚠ WARNING

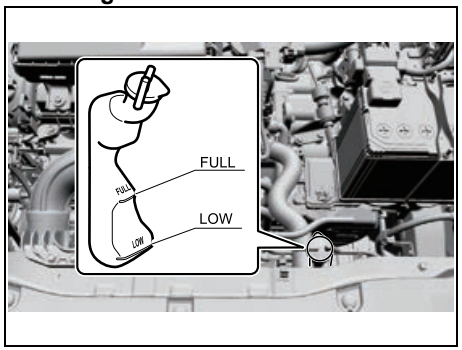
Swallowing engine coolant and inverter coolant can cause severe injury or death. Inhaling coolant mist or vapors or getting coolant in your eyes could result in severe injury.

- **Do not drink antifreeze or coolant solution. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician.**
- **Avoid inhaling coolant mist or hot vapors. If inhaled, remove to a fresh air area.**
- **If coolant gets in the eyes, flush with water and seek medical attention.**
- **Wash thoroughly after handling coolant.**
- **Keep engine coolant out of the reach of children and pets.**

NOTICE

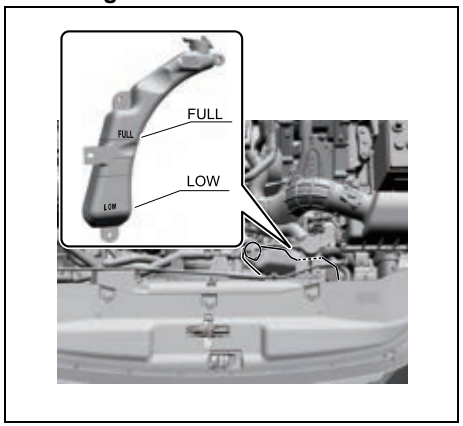
This coolant is already diluted to the proper percentage. Do not diluted with distilled water additionally. Doing so may result in the possibility of freezing and/or overheating coolant.

Engine coolant
K15C engine model



76TS90050

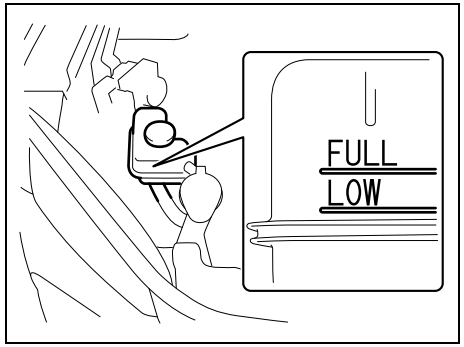
M15D engine model



76TS90680

If the engine coolant level is below “LOW” mark, coolant should be added. While the engine is cool, remove the reservoir tank cap and add coolant until the reservoir tank level reaches “FULL” mark. Never fill the reservoir tank above “FULL” mark.

Inverter coolant



76TS90440

If the inverter coolant level is below “LOW” mark, coolant should be added. While the hybrid system is cool, remove the reservoir tank cap and add coolant until the reservoir tank level reaches “FULL” mark. Never fill the reservoir tank above “FULL” mark.

NOTICE
When putting the cap on the reservoir tank, line up the mark on the cap and the mark on the tank. Failure to follow this can result in coolant leakage.

Coolant Replacement

Since special procedures are required, ask Your Toyota Dealer for this job.

Air Cleaner

If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.
Since special procedures are required, ask Your Toyota Dealer for this job.

Spark Plugs

Spark Plug Replacement and Inspection

Since special procedures, materials and tools are required, it is recommended that you trust this job to Your Toyota Dealer.

Automatic Transmission Fluid (if equipped)

Specified Fluid

6AT model
Use an automatic transmission fluid TOYOTA AT OIL AW-1.
e-CVT model
Use an automatic transmission fluid AUTO FLUID WS.

Fluid Level Check

6AT model
Since special procedures, materials, and tools are required to change the automatic transmission oil, ask Your Toyota Dealer for this job.

e-CVT model
Since special procedures, materials, and tools are required to change the automatic transmission oil, ask Your Toyota Dealer for this job.

Changing Oil

Since special procedures, materials, and tools are required to change the automatic transmission oil, ask Your Toyota Dealer for this job.

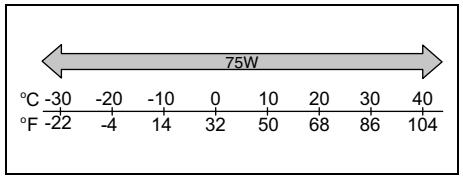
Gear Oil

Manual Transmission Oil / Transfer Oil (4WD) / Rear Differential Oil (4WD))

When adding gear oil, use gear oil with the appropriate viscosity and grade as shown in the chart below.

We highly recommend you use “Toyota Genuine Manual Transmission Gear Oil 75W” for manual transmission oil.

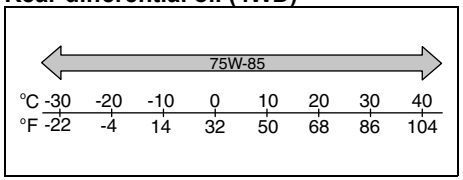
Manual transmission oil



56RM07006

We highly recommend you use “Toyota Genuine Manual Transmission Gear Oil 75W-85” for transfer oil (4WD) and rear differential oil (4WD).

Transfer oil (4WD)
Rear differential oil (4WD)



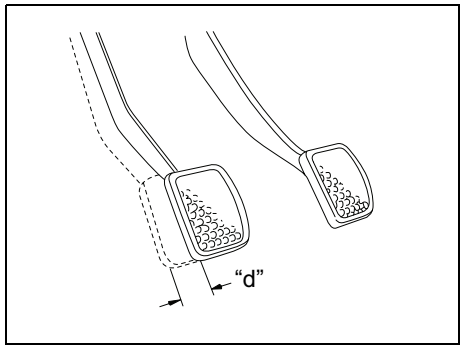
71LMT0701

Gear Oil Level Check and Change

Since special procedures, materials and tools are required, ask Your Toyota Dealer for this job.

Clutch

Clutch Pedal

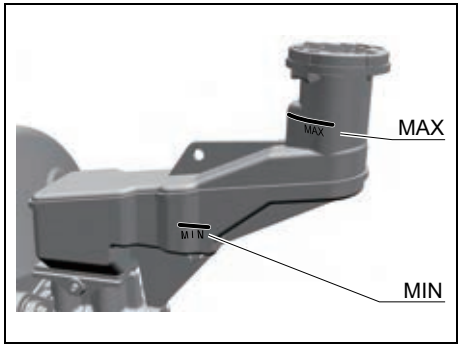


54G274

Clutch pedal play "d":
MAX 10 mm (0.4 in.)

Measure the clutch pedal play by moving the clutch pedal with your hand and measuring the distance it moves until you feel slight resistance. The play in the clutch pedal should be less than the specified values. If the play is more than the above, or clutch dragging is felt with the pedal fully depressed, have the clutch inspected by Your Toyota Dealer.

Clutch Fluid



76TS90380

Check the clutch pedal for smooth operation and clutch fluid level from time to time. If clutch dragging is felt with the pedal fully depressed, have the clutch inspected by Your Toyota Dealer. If the clutch fluid level is near "MIN" line, fill it up to "MAX" line with "DOT3 or SAE J1703 brake fluid".

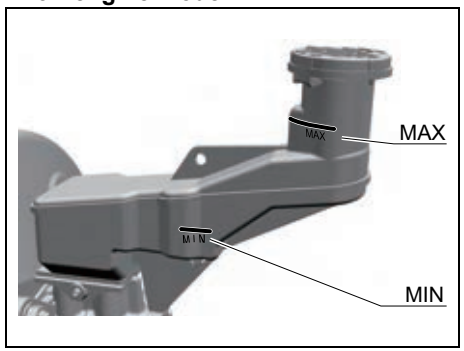
NOTICE

Clutch fluid is supplied from brake fluid reservoir. If your clutch fluid level is increased or near the "MIN" line, there is a possibility of clutch or brake fluid leakage or abnormal wear of clutch.
Have your vehicle inspected immediately by Your Toyota Dealer.

Brakes

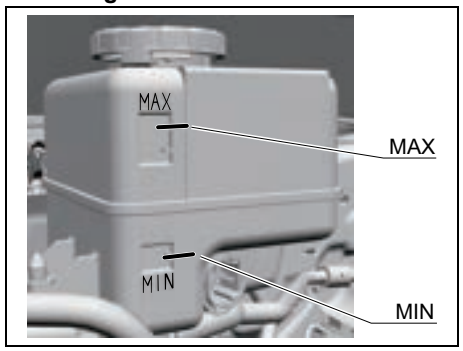
Brake Fluid

K15C engine model



76TS90380

M15D engine model



76TS90670

Check the brake fluid level by looking at the reservoir in the engine compartment. Check that the fluid level is between “MAX” and “MIN” lines.

⚠ WARNING

- **Failure to follow the guidelines below can result in personal injury or serious trouble in the brake system.**
  - **If the brake fluid in the reservoir drops below a certain level, the brake warning light on the instrument cluster will come on (the engine must be running with the parking brake fully disengaged). Should the light come on, immediately ask Your Toyota Dealer to inspect the brake system.**
  - **A rapid fluid loss indicates leakage in the brake system. In this case, immediately ask Your Toyota Dealer to inspect the brake system.**
  - **Do not use any fluid other than DOT3 or SAE J1703 brake fluid (K15C engine model) or “Brake Fluid DOT3” (M15D engine model). Do not use reclaimed fluid or fluid that has been stored in old or open containers. It is essential that foreign particles and other liquids are kept out of the brake fluid reservoir.**

(Continued)

⚠ WARNING

(Continued)
- **Brake fluid is harmful or fatal if swallowed, and harmful if it comes in contact with skin or eyes. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician. If brake fluid gets in eyes, flush eyes with water and seek medical attention. Wash thoroughly after handling. Solution can be poisonous to animals. Keep out of reach of children and animals.**

NOTE:
We highly recommend to use "Brake Fluid DOT3" (M15D engine model)

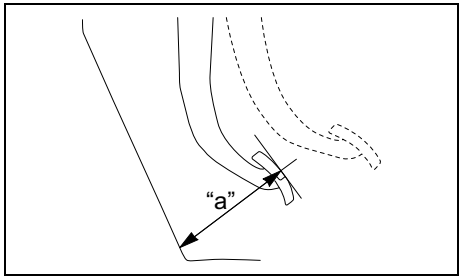
NOTICE

- **If your brake fluid level is near the "MIN" line, there is a possibility of brake pad and/or shoe wear and brake fluid leakage. In this case, ask Your Toyota Dealer to inspect the brake system.**
- **Brake fluid can damage painted surfaces. Be careful when refilling the reservoir.**

NOTE:
- *The fluid level can be expected to gradually fall as the brake pad and/or shoe wear.*
- *Brake fluid absorbs water over time and brake fluid with high water content may cause vapor lock or brake system malfunction.*
  Replace the brake fluid according to the maintenance schedule in this owner's manual.

Brake Pedal

Check brake pedal stroke. If the stroke is so large, have the brake system inspected by Your Toyota Dealer. If you doubt the brake pedal is at its normal height, check it as follows:



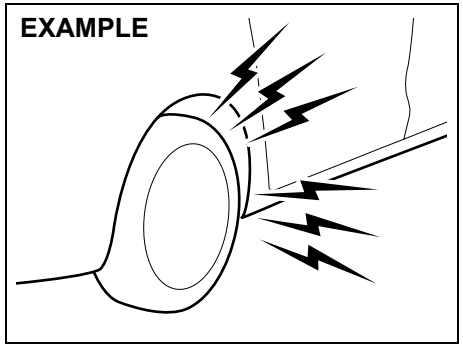
55T090060

Minimum distance between brake pedal and floor carpet "a"

For K15C engine	52 mm (2.0 in.)
For M15D engine	68 mm (2.7 in.)

With the engine running or the hybrid system activating, measure the distance between the brake pedal and floor carpet when the pedal is depressed with approximately 30 kg (66 lbs) of force. The minimum distance required is as specified. Since your vehicle's brake system is self-adjusting, there is no need for pedal adjustment.
If the pedal to floor carpet distance as measured above is less than the minimum distance required, have your vehicle inspected by Your Toyota Dealer.

NOTE:
- *When measuring the distance between the brake pedal and floor wall, be sure not to include the floor mat or rubber on the floor carpet in your measurement.*
- *Measure the distance at the brake pedal's side facing toward the driver's door.*



52RM70500

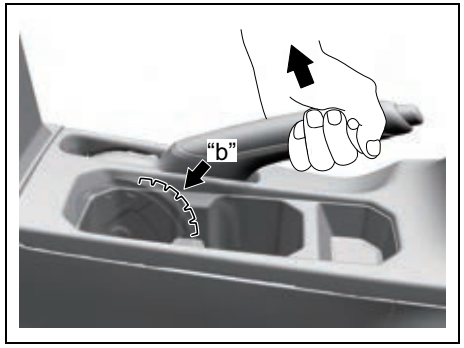
⚠ WARNING

If the brake pad lining becomes worn and it has reached its minimum thickness, squealing noise sounds during braking.
If you hear this noise, have the vehicle inspected immediately by Your Toyota Dealer.
Continued driving with this condition can cause an accident.

⚠ CAUTION

If you experience any of the following problems with your vehicle's brake system, have the vehicle inspected immediately by Your Toyota Dealer.
- **Poor braking performance**
- **Uneven braking (brakes not working uniformly on all wheels)**
- **Excessive pedal travel**
- **Brake dragging**

Parking Brake Lever (if equipped)

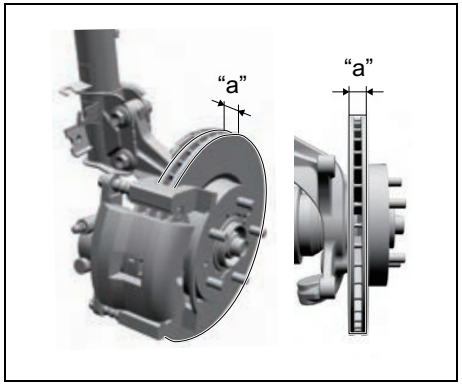


76TS90070

Ratchet tooth specification "b":
4th – 9th
Lever pull force:
200 N (20 kg, 45 lbs)

Check the parking brake for proper adjustment by counting the number of clicks made by the ratchet teeth as you slowly pull up on the parking brake lever to the point of full engagement. The parking brake lever should stop between the specified ratchet teeth and the rear wheels should be securely locked. If the parking brake is not properly adjusted or the brakes drag is suspected even after the lever has been fully released, have the parking brake inspected and/or adjusted by Your Toyota Dealer.

Brake Discs

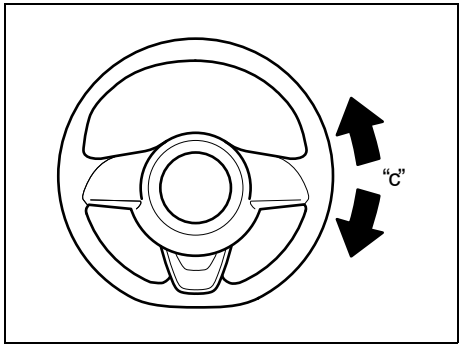


76TS90080

Brake location	Minimum thickness "a"
Front wheels	20.0 mm (0.8 in.)
Rear wheels	8.0 mm (0.3 in.)

If the measured thickness or inner diameter of the most worn part falls below or exceeds the value indicated above, the parts should be replaced with a new one. The measurement involves disassembling each brake and requires the use of a micrometer or caliper, which must be done according to the instructions described in the relevant service manual or available from the relevant repair information site.

Steering Wheel



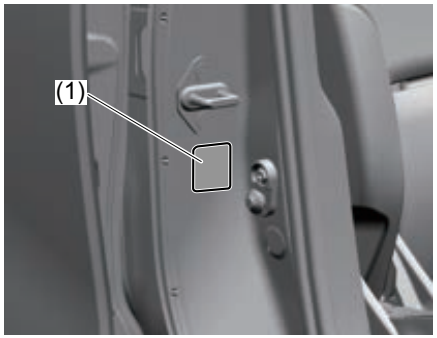
76TS90090

Steering wheel play "c":
0—30 mm (0.0—1.2 in.)

Check the free play of the steering wheel by gently turning it from left to right and measuring the distance that it moves before you feel slight resistance. The play should be between the specified values.

Check that the steering wheel turns easily and smoothly without rattling by turning it all the way to the right and to the left while driving very slowly in an open area. If the amount of free play is not as specified or you find anything else to be wrong, an inspection must be performed by Your Toyota Dealer.

Tyres



76TS90100

The front and rear tyre pressure specifications are listed in the tyre information label (1). Both front and rear tyres should have the specified tyre pressure.

NOTE:
The tyre pressure will change due to changes in atmospheric pressure, temperature or tyre temperature when driving. To reduce the chance that the low tyre pressure warning light (if equipped) will come on due to normal changes in temperature and atmospheric pressure, it is important to check and adjust the tyre pressures when the tyres are cold. If you check tyres after driving, they are warm. Even if the tyre pressure seems to be good in this condition, it could fall below the specified pressure when tyres cool down. Also, tyres that are inflated to the specified pressure in a warm garage may have pressure below the specification when the vehicle is driven outside in very cold temperature. If you adjust the tyre pressure in a garage that is warmer than the outside temperature, you should add 1 kPa to the recommended cold tyre pressure for every 0.8 °C difference between garage temperature and outside temperature.

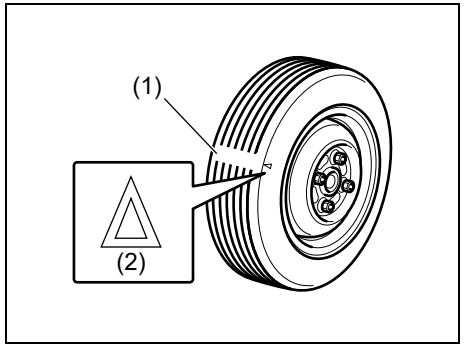
Tyre Inspection

Inspect your vehicle's tyres at least once a month or before long trip by performing the following checks:

1) Measure the air pressure with a tyre gauge. Adjust the pressure if necessary.

⚠ WARNING

- **Air pressures should be checked when the tyres are cold or you may get inaccurate readings.**
- **Check the tyre pressure from time to time while inflating the tyre gradually, until the specified pressure is obtained.**
- **Never under-inflate or over-inflate the tyres.**
  Under-inflation can cause unusual handling characteristics or can cause the rim to slip on the tyre bead, resulting in an accident or damage to the tyre or rim.
  Over-inflation can cause the tyre to burst, resulting in personal injury. Over-inflation can also cause unusual handling characteristics which may result in an accident.



76TS90690

(1) Tread wear indicator
(2) Indicator location mark

2) Check that the depth of the tread groove is more than 1.6 mm (0.06 in.). To help you check this, the tyres have molded-in tread wear indicators in the grooves. When the indicators appear on the tread surface, the remaining depth of the tread is 1.6 mm (0.06 in.) or less and the tyre should be replaced.
3) Check for abnormal wear, cracks and damage. Any tyres with cracks or other damage should be replaced. If any tyres show abnormal wear, have them inspected by Your Toyota Dealer.

⚠ CAUTION

Hitting curbs and running over rocks can damage tyres and affect wheel alignment. Have tyres and wheel alignment checked periodically by Your Toyota Dealer.

4) Check for loose wheel nuts.
5) Check that there are no nails, stones or other objects sticking into the tyres.

⚠ WARNING

- **Your TOYOTA vehicle is equipped with tyres which are all the same type and size. This is important to ensure proper steering and handling of the vehicle. Never mix tyres of different size or type on the four wheels of your vehicle. The size and type of tyres used should be only those approved by TOYOTA as standard or optional equipment for your vehicle.**

(Continued)

⚠ WARNING

(Continued)

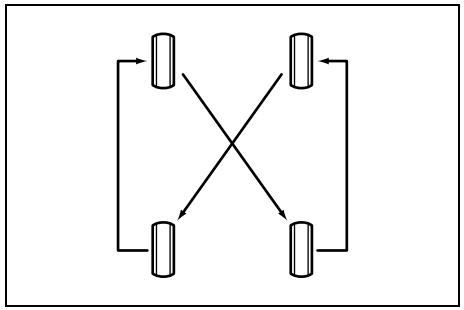
- **Replacing the wheels and tyres equipped on your vehicle with certain combinations of aftermarket wheels and tyres can significantly change the steering and handling characteristics of your vehicle.**
- **Therefore, use only those wheel and tyre combinations approved by TOYOTA as standard or optional equipment for your vehicle.**

NOTICE

- **Replacing the original tyres with tyres of a different size may result in false speedometer or odometer readings. Check with Your Toyota Dealer before purchasing replacement tyres that differ in size from the original tyres.**
- **Replacing a tyre with one of a different size, or using different brands among the four tyres can result in damage to the drive train.**

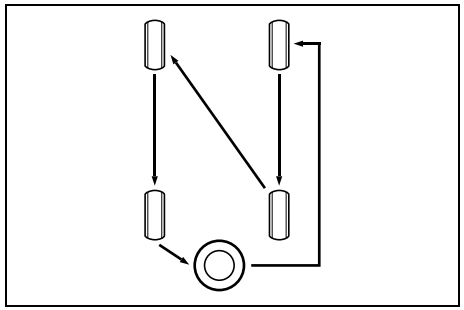
Tyre Rotation

4-tyre rotation



65D459

5-tyre rotation



55T090680

To avoid uneven wear of your tyres and to prolong their life, rotate the tyres as illustrated. Tyres should be rotated every 10000 km (6000 miles). After rotation, adjust front and rear tyre pressures to the specification listed on your vehicle's Tyre Information Label.

Wheel Balancing
If the vehicle vibrates abnormally on smooth road, have the wheel balanced at Your Toyota Dealer.

Wheel Alignment
In case of abnormal tyre wear or pulling towards one side, have the wheel aligned at Your Toyota Dealer.

Tubeless Tyres
The vehicle is equipped with Tubeless Tyres. In tubeless tyre, a thin layer of butyl rubber is used for lining the inside of the tubeless tyre. This layer is to prevent air loss and fulfilling the purpose of tube. The air pressure is maintained by the sealing between tyre bead and wheel rim. Tubeless tyres are having advantage of slow air loss and preventing sudden deflation while driving.

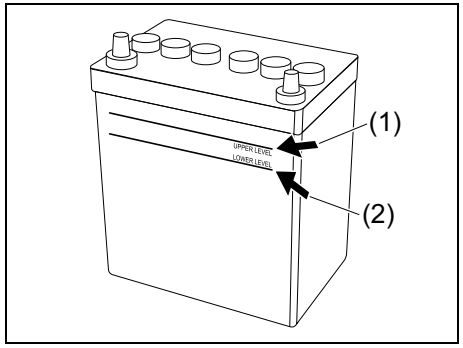
Care and maintenance tips for tubeless tyres

1) Always maintain recommended inflation pressure. Driving continuously at low inflation pressure can lead to tyre damage.
2) In case any leakage is found, check for any nail penetration/valve core damage or rim bent. Damaged wheel must not be used.
3) In case tyre has run at low pressure, it must be inspected for any defect.
4) Whenever new tyre is fitted, replace the valve.
5) If continuous high speed driving is required, increase tyres pressure by 5 psi over recommended inflation pressure.
6) Never run the tyre beyond TWI (Tread wear indicator). The tyre is recommended to be replaced when the remaining tread has worn to this point. The indicators are spaced across the tread around the tyre marked by a triangular symbol (TWI).
7) Always prefer tubeless tyre mounting machine. In case of manual mounting-tyre/wheel rim damage may occur.
8) In case of any problem, please get in touch with Your Toyota Dealer.

Battery

⚠ WARNING

- **Batteries produce flammable hydrogen gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working near the battery.**
- **When checking or servicing the battery, disconnect the negative cable. Be careful not to cause a short circuit by allowing metal objects to contact the battery posts and the vehicle at the same time.**
- **To avoid harm to yourself or damage to your vehicle or battery, follow the jump-starting instructions in "EMERGENCY SERVICE" section if it is necessary to jump-start your vehicle.**
- **Diluted sulfuric acid spilled from battery can cause blindness or severe burns. Use proper eye protection and gloves. Flush eyes or body with ample water and get medical care immediately if suffered. Keep batteries out of reach of children.**



59RN09430

For maintenance-free battery (cap-less type), you need not add water. For traditional type battery, which has water filler caps, the level of the battery solution must be kept between the upper level line "MAX" (1) and the lower level line "MIN" (2) at all times. You should periodically check the battery, battery terminals, and battery hold-down bracket for corrosion. Remove corrosion using a stiff brush and ammonia mixed with water, or baking soda mixed with water. After removing corrosion, rinse with clean water.

The lead-acid battery and lithium-ion battery (if equipped) discharge gradually. In order to avoid a flat battery, drive the vehicle once a month for at least 30 minutes to recharge the battery.
If your vehicle is not going to be driven for a month or longer, disconnect the cable from the negative terminal of the battery to help prevent discharge.

⚠ WARNING

If the battery is used with battery level being less than the lower level line "MIN" (2), it may cause reduced battery life, an exothermic heat, or an explosion by hydrogen gas occurring from the battery. Do not use the battery with battery level being less than the lower level line "MIN" (2).

NOTICE

- **If the battery liquid is added more than the upper level line "MAX" (1), liquid may leak by vibrations during driving or liquid may spray out in some case depending on the condition of battery charging. These may cause damage to the parts near the battery. If the battery liquid overspills, immediately wash away with water. Do not add the battery liquid more than the upper level line "MAX" (1).**

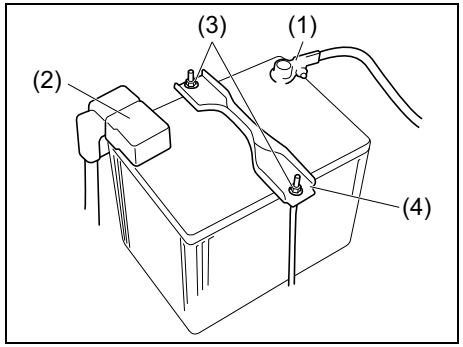
(Continued)

NOTICE

(Continued)
- **If your vehicle is equipped with the ENG A-STOP system and the battery which is exclusive for the ENG A-STOP system is used, only use the specified type of battery for ENG A-STOP system. Refer to "SPECIFICATIONS" section for details. Otherwise, you could damage your vehicle, and the ENG A-STOP system could not be available. If a vehicle battery has to be replaced, consult Your Toyota Dealer.**

NOTE:
The battery liquid is consumed when the battery is used. If the level is found to be less than the center of upper level "MAX" (1) and lower level "MIN" (2), add distilled water till it reaches the upper level line "MAX" (1).

Replacement of the Battery



68PM00711

To remove the battery:
1) Disconnect the negative cable (1).
2) Disconnect the positive cable (2).
3) Remove the retainer nuts (3) and remove the retainer (4).

To install the battery:
1) Install the battery in the reverse order of removal.
2) Tighten the bracket bolt and battery cables securely.

NOTE:
- *When the battery is disconnected, some of the vehicle's functions will be initialized and/or deactivated.*
- *These functions must be required to reset after the battery is reconnected.*
- *Do not disconnect the battery terminals for at least one minute after the ignition switch is turned off, or the engine switch or the power switch is pressed to change the ignition mode to "LOCK" (OFF).*

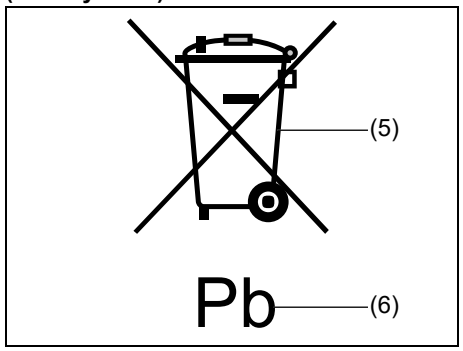
⚠ WARNING

Batteries contain toxic substances including sulfuric acid and lead. They could have potential negative consequences for the environment and human health. Used batteries must be disposed of or recycled according to applicable rules or regulations and must not be disposed of with ordinary household trash. Make sure not to tip over the battery when you remove it from the vehicle. Otherwise, sulfuric acid could run out and you might get injury.

NOTICE

After stopping the engine, controller and system are operated for a while. Therefore, before removing the battery, wait for more than one minute after turning the ignition switch to "OFF" or changing the ignition mode to "LOCK" (OFF).

(Battery label)



76TS90700

(5) Crossed-out wheeled bin symbol
(6) Chemical symbol of "Pb"

The crossed-out wheeled bin symbol (5) located on the battery label indicates that the used battery should be collected separately from ordinary household trash. The chemical symbol of "Pb" (6) indicates the battery contains more than 0.004% lead.

By ensuring the used battery is disposed of or recycled correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate trash handling of the battery. The recycling of materials will help to conserve natural resources. For more detailed information about disposing of or recycling the used battery, consult Your Toyota Dealer.

Fuses

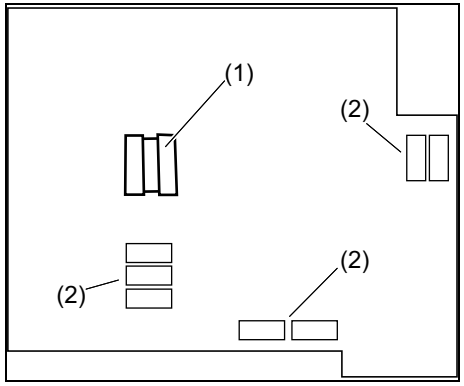
Your vehicle has three types of fuses, as described below:

Main fuse
The main fuse takes current directly from the lead-acid battery.

Primary fuses
These fuses are between the main fuse and individual fuses, and are for electrical load groups.

Individual fuses
These fuses are for individual electrical circuits.

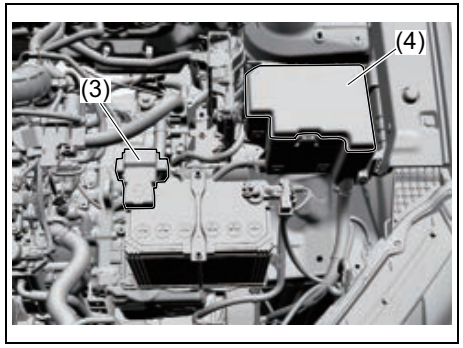
To remove a fuse, use the fuse puller provided in the fuse box.



76TS90570

(1) Fuse puller
(2) Spare fuse

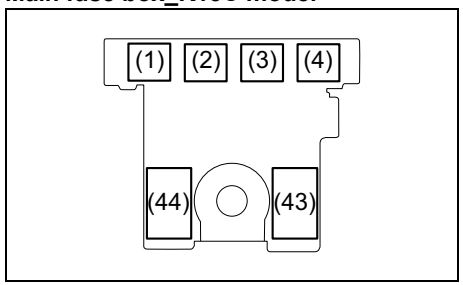
Fuses in Engine Compartment



76TS90110

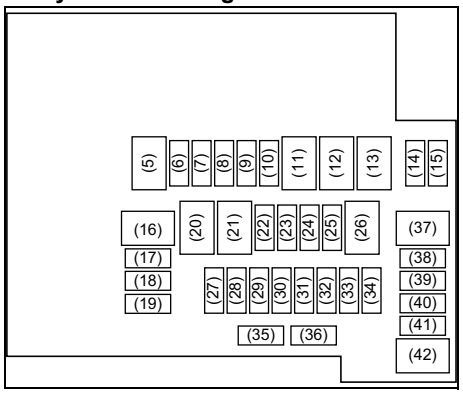
(3) Main fuse box
(4) Relay box

Main fuse box_K15C model



76TS90740

Relay box K15C engine model



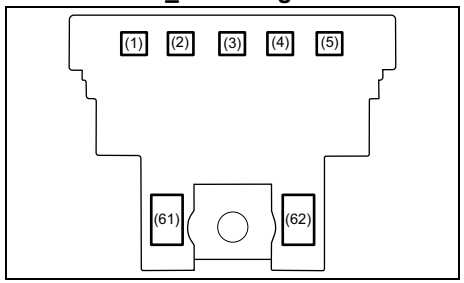
76TS90210

MAIN FUSE / PRIMARY FUSE		
(1)	100 A	FL2
(2)	80 A	FL3
(3)	100 A	FL4
(4)	50 A	FL5
(5)	30 A	S/V
(6)	–	Blank
(7)	15 A	Headlight (Right)
(8)	20 A	FI
(9)	20 A	S/R
(10)	30 A	B/U
(11)	30 A	PWR S DR2
(12)	30 A	PWR S DR
(13)	40 A	Blower fan
(14)	5 A	SPARE
(15)	7.5 A	SPARE
(16)	50 A	Ignition switch 2
(17)	20 A	SPARE
(18)	25 A	SPARE
(19)	30 A	SPARE
(20)	40 A	ABS motor

(21)	30 A	RDTR
(22)	25 A	ABS SOL
(23)	10 A	CPRSR
(24)	15 A	Transmission
(25)	7.5 A	CNG VLV
(26)	30 A	Starting motor
(27)	7.5 A	CNG
(28)	5 A	CNG IG1
(29)	5 A	Starting Signal
(30)	10 A	Headlight HI (Left)
(31)	10 A	Headlight HI (Right)
(32)	20 A	FI 2
(33)	10 A	CPRSR 2
(34)	15 A	Transmission 2

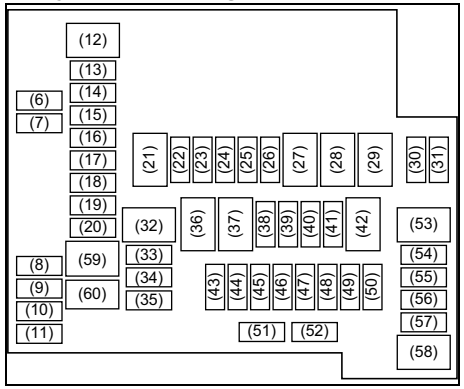
(35)	15 A	SPARE
(36)	10 A	SPARE
(37)	40 A	Ignition switch 11
(38)	20 A	Headlight HI
(39)	15 A	4WD
(40)	–	Blank
(41)	15 A	Headlight (Left)
(42)	–	Blank
(43)	200 A	FL6
(44)	–	Blank

Main fuse box_M15D engine model



76TS90750

Relay box M15D engine model



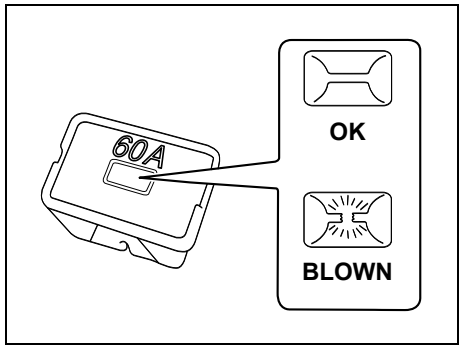
76TS90220

MAIN FUSE / PRIMARY FUSE		
(1)	100 A	FL3
(2)	80 A	FL4
(3)	100 A	FL5
(4)	60 A	FL6
(5)	100 A	FL7
(6)	10 A	IG1 SIG4
(7)	10 A	ABS 2
(8)	10 A	CPRSR
(9)	10 A	Ignition coil
(10)	10 A	Battery fan
(11)	10 A	Inverter water pump
(12)	30 A	ABS motor 3
(13)	20 A	Ignition switch 12
(14)	30 A	HEV main2
(15)	15 A	S/V
(16)	25 A	HEV main
(17)	10 A	ICU
(18)	10 A	ABS 4
(19)	10 A	Cont 2
(20)	10 A	ECM

(21)	–	Blank
(22)	–	Blank
(23)	10A	O2 Heater
(24)	20 A	FI main
(25)	20 A	S/R
(26)	30 A	B/U
(27)	30 A	PWR S DR2
(28)	30 A	PWR S DR
(29)	40 A	Blower fan
(30)	5 A	SPARE
(31)	7.5A	SPARE
(32)	50 A	Ignition switch 2
(33)	20 A	SPARE
(34)	25 A	SPARE
(35)	30 A	SPARE
(36)	30 A	ABS motor 2
(37)	30 A	ABS control module
(38)	10 A	ABS 3
(39)	25 A	FI main 2
(40)	15 A	Headlight (Right)
(41)	–	Blank
(42)	30 A	ABS motor

(43)	10 A	FI 2
(44)	10 A	FI 3
(45)	10 A	FI
(46)	10 A	Headlight HI (Left)
(47)	10 A	Headlight HI (Right)
(48)	10 A	HEV 2
(49)	10 A	HEV 3
(50)	10 A	HEV
(51)	15 A	SPARE
(52)	10 A	SPARE
(53)	40 A	Ignition switch 11
(54)	20 A	Headlight HI
(55)	–	Blank
(56)	–	Blank
(57)	15 A	Headlight (Left)
(58)	30 A	Water pump
(59)	60 A	Radiator fan
(60)	–	Blank
(61)	175 A	FL1
(62)	120 A	FL2

The main fuse, primary fuses and some of the individual fuses are located in the engine compartment. If the main fuse blows, no electrical component will function. If a primary fuse blows, no electrical component in the corresponding load group will function. When replacing the main fuse, a primary fuse or an individual fuse, use a genuine TOYOTA replacement.
To remove a fuse, use the fuse puller provided in the fuse box. The amperage of each fuse is shown in the back of the fuse box cover.



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⚠ WARNING

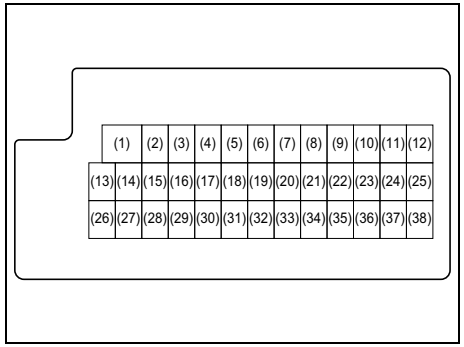
- **Always replace a blown fuse with a fuse of the same amperage and the same size which is equipped with your vehicle. Never use other objects than specified above to replace a blown fuse. Otherwise, wiring may burn out and it may cause a fire.**
- **If you replace a fuse and the new one blows in a short period of time, you may have a major electrical problem. Have your vehicle inspected immediately by Your Toyota Dealer.**

NOTE:
Check that the fuse box always carries spare fuses.

Fuses Under Dashboard



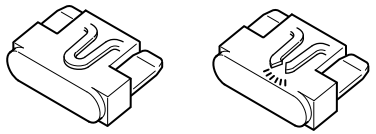
76TS90130



55T090590

PRIMARY FUSE		
(1)	30 A	Power window
(2)	10 A	Meter
(3)	15A	Ignition coil
(4)	5A	Ignition-1 signal 2
(5)	20 A	Shift lever*
(6)	10 A	CHG
(7)	10 A	STL2
(8)	20 A	Door
(9)	15 A	Steering lock
(10)	10 A	Hazard
(11)	5A	A-STOP controller
(12)	10A	Rear fog lamp
(13)	5 A	ABS / ESP® control module
(14)	15A	Seat heater*
(15)	5A	Ignition-1 signal 3
(16)	10 A	Dome light-2
(17)	5 A	Dome light
(18)	15 A	Radio
(19)	5 A	CONT
(20)	5 A	Key-2*
(21)	20 A	Power window timer
(22)	5 A	Key*
(23)	15 A	Horn
(24)	5 A	Tail light (Left)
(25)	10 A	Tail light
(26)	10 A	Air bag
(27)	10 A	Ignition-1 signal
(28)	10 A	Back up light
(29)	5 A	ACC-3*
(30)	20 A	Rear defogger
(31)	10 A	Heated mirror*
(32)	15 A	ACC-2
(33)	5 A	ACC
(34)	10 A	Wiper
(35)	5 A	Ignition-2 signal
(36)	15 A	Washer
(37)	25 A	Front wiper
(38)	10 A	Stop light

*** Feature not available in the vehicle**



55T090630

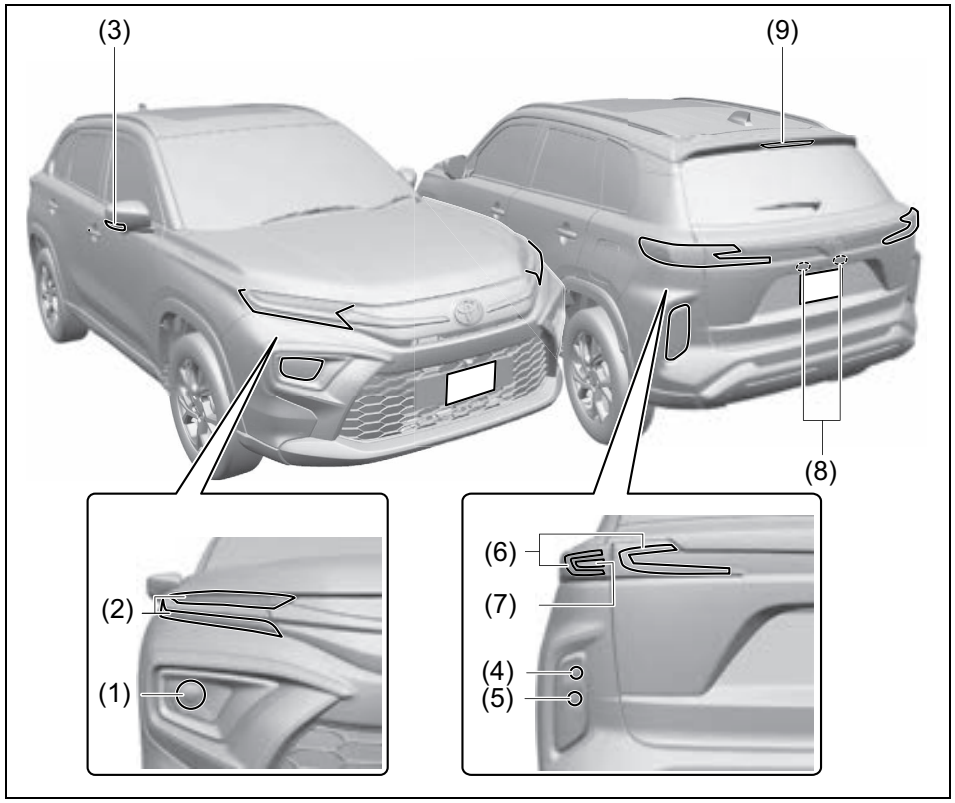
⚠ WARNING

- **Always replace a blown fuse with a fuse of the same amperage and the same size which is equipped with your vehicle. Never use other objects than specified above to replace a blown fuse. Otherwise, wiring may burn out and it may cause a fire.**
- **If you replace a fuse and the new one blows in a short period of time, you may have a major electrical problem. Have your vehicle inspected immediately by Your Toyota Dealer.**

Headlight Aiming

Since special procedures are required, ask Your Toyota Dealer for this job.

Bulb Replacement



76TS90890

No.	ITEM: Lights	WATTAGE	BULB No.
(1)	Headlight	12V55W	HIR2
	Headlight*1	LED	–
(2)	Front turn signal light, position light and daytime running light (D.R.L.)*1	LED	–
(3)	Side turn signal light*1	LED	–
(4)	Rear turn signal light	12V 21W	PY21W
(5)	Reversing light	12V21W	P21W
(6)	Brake light*1	LED	–
(7)	Tail light*1	LED	–
(8)	License plate light	12V5W	W5W
(9)	High mount stop light*1	LED	–

If you need to replace the following bulbs indicated in the above table, consult Your Toyota Dealer.

*1: Since the lights are non-disassemble type, you cannot replace a bulb. Replace the target assembly if any bulb is defective.

⚠ CAUTION

- **Light bulbs can be hot enough to burn your finger right after turning off lights. This is true especially for halogen headlight bulbs. Replace the bulbs after they become cool enough.**
- **The headlight bulbs are filled with pressurized halogen gas. They can burst and injure you if they are hit or dropped. Handle them carefully.**
- **To avoid injury by sharp-edged parts of the body, wear gloves and a long-sleeved shirt when replacing light bulbs.**

NOTICE

- **The oils from your skin may cause a halogen bulb to overheat and burst when the lights are on. Grasp a new bulb with a clean cloth.**
- **Frequent bulb replacement indicates the need for an inspection of the electrical system. This should be carried out by Your Toyota Dealer.**

NOTE:
The inner surface of lens such as the headlights or the rear combination lights may be clouded or dew condensation may occur by driving on a rainy day or washing the vehicle. This is a temporary phenomenon caused by temperature difference between the inside and the outside of the lights. (This is the same phenomenon as the windows are clouded on a rainy day.)
Also, it sometimes seems that water gets into the lights because of waterdrop on the edge of the lens. This is a temporary phenomenon caused by water adherence to the outside of the lights.
The above-mentioned phenomena are not vehicle malfunction.
However, if water is piled up in the lights or large waterdrop adheres to the inner surface of lens, have your vehicle inspected by Your Toyota Dealer.

Non-disassembled Type Lights

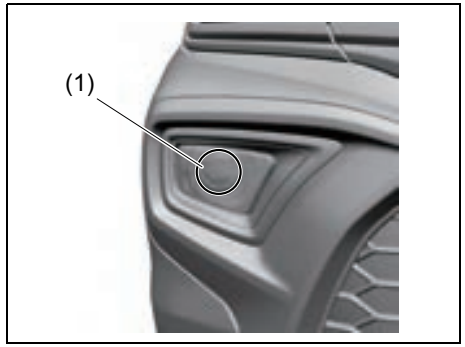
Since the lights shown below are non-disassemble type, you cannot replace a bulb. Replace the target assembly if any bulb is defective.
If you need to replace the assembly, ask Your Toyota Dealer.

- Headlight (LED type) (if equipped)
- Front turn signal light, position light and daytime running light
- Tail/brake light
- Side turn signal light/hazard warning light on outside rearview mirrors
- High mount stop light

Headlights

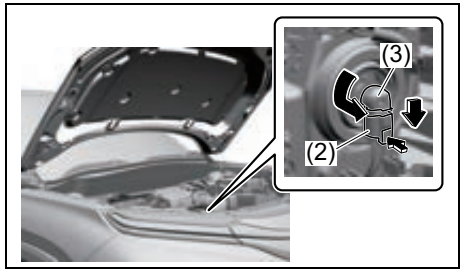
Vehicles with the LED headlights
Since special procedures are required, we recommend you take your vehicle to Your Toyota Dealer for light replacement.

Vehicles with the halogen headlights



76TS90870

(1) Headlight (high/low beam)



76TS90880

Disconnect the coupler (2) by pushing the lock release. Turn the bulb (3) counterclockwise and remove it.

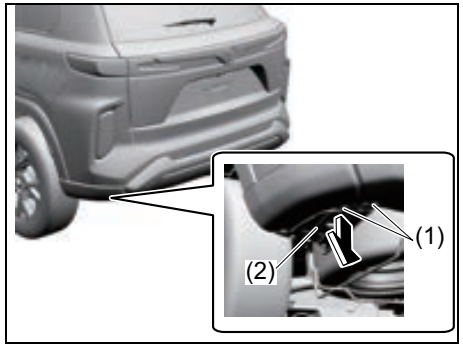
Side Turn Signal Light On Outside Rearview Mirrors

LED module is used. Since special procedures are required, we recommend you take your vehicle to Your Toyota Dealer for LED module replacement.

Front Turn Signal Light, Position Light, and Daytime Running Light (D.R.L.)

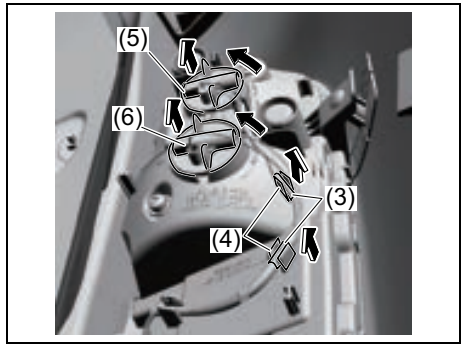
Since special procedures are required, it is recommended that you take your vehicle to Your Toyota Dealer for light replacement.

Rear Combination Light



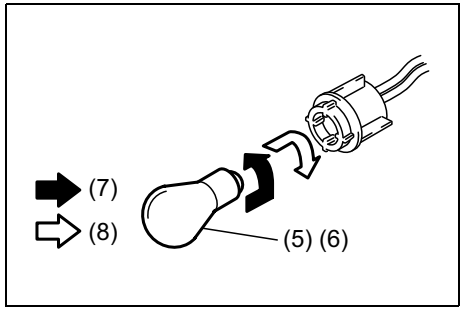
76TS90800

1) Remove the clips (1) and move the lining (2).



76TS90270

2) Remove the wire (3) from a clamp (4).
3) To remove the bulb holder of the rear turn signal light (5) or the reversing light (6) from the light housing, turn the holder counterclockwise and pull it out.



76TS90630

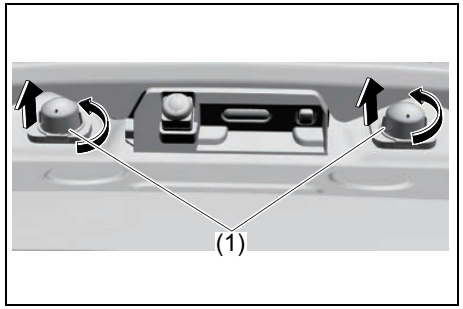
(7) Removal
(8) Installation

4) To remove the bulb of the rear turn signal light (5) or reversing light (6) from the bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.

Tail Light / Brake Light

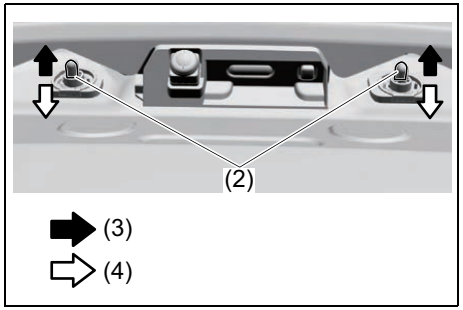
Since special procedures are required, it is recommended that you take your vehicle to Your Toyota Dealer for light replacement.

License Plate Light



76TS90280

1) Turn the cover (1) counterclockwise to remove it.



76TS90290

(3) Removal
(4) Installation

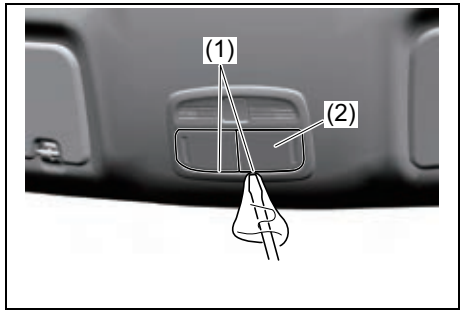
2) To remove and install the bulb of the license plate light (2), simply pull out or push in the bulb.

High Mount Stop Light

Since special procedures are required, it is recommended that you take your vehicle to Your Toyota Dealer for light replacement.

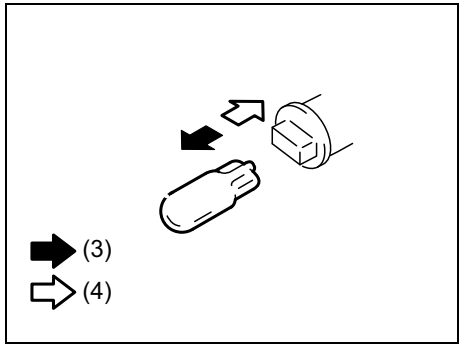
Interior Light

Front (without overhead console)



76TS90300

1) To prevent scratches, insert a commercially available flat-blade screwdriver covered with a soft cloth into the notch (1), and then remove the lens (2).

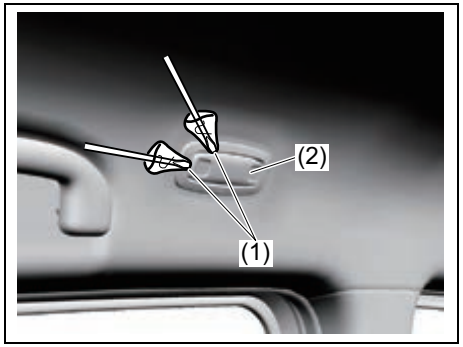


55T090040

(3) Removal
(4) Install

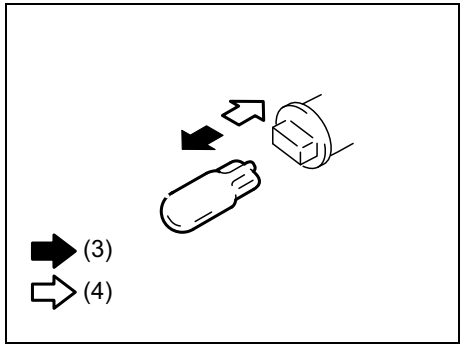
2) Pull the bulb out and then insert a new one.
3) After replacing the bulb, install the front interior light lens in the reverse order of removal.

Center



76TS90330

1) To prevent scratches, insert a commercially available flat-blade screwdriver covered with a soft cloth into the notch (1), and then remove the lens (2).

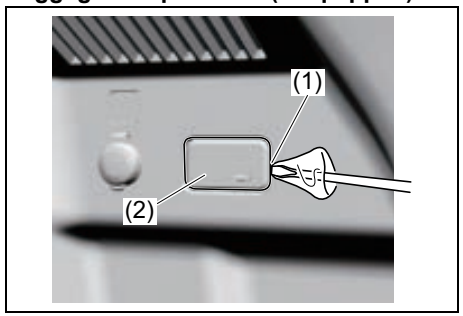


55T090040

(3) Removal
(4) Installation

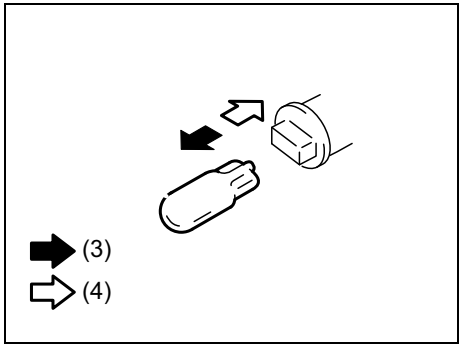
2) Pull the bulb out and then insert a new one.
3) After replacing the bulb, install the center interior light lens in the reverse order of removal.

Luggage compartment (if equipped)



76TS90340

1) To prevent scratches, insert a commercially available flat-blade screwdriver covered with a soft cloth into the notch (1), and then remove the lens (2).

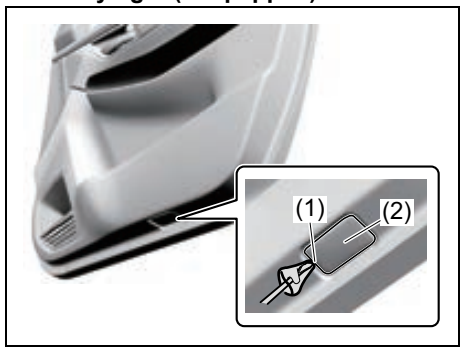


55T090040

(3) Removal
(4) Install

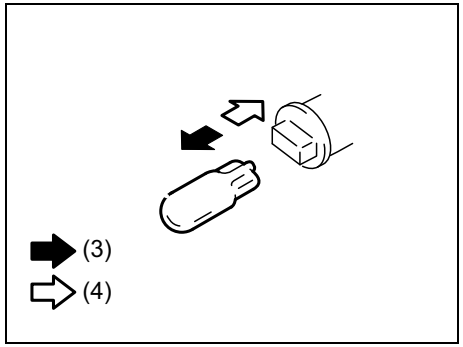
2) Pull the bulb out and then insert a new one.
3) After replacing the bulb, install the luggage compartment light lens in the reverse order of removal.

Courtesy light (if equipped)



76TS90350

1) To prevent scratches, insert a commercially available flat-blade screwdriver covered with a soft cloth into the notch (1), and then remove the lens (2).

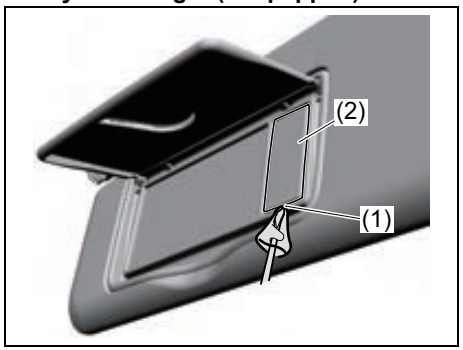


55T090040

(3) Removal
(4) Install

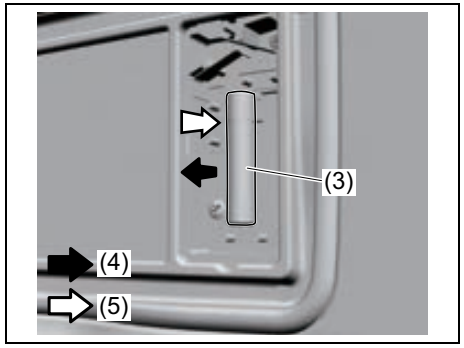
2) Pull the bulb out and then insert a new one.
3) After replacing the bulb, install the courtesy light lens in the reverse order of removal.

Vanity mirror light (if equipped)



76TS90720

1) To prevent scratches, insert a commercially available flat-blade screwdriver covered with a soft cloth into the notch (1), and then remove the lens (2).



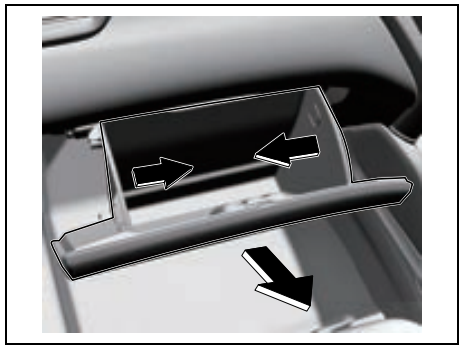
55T090040

(4) Removal
(5) Install

2) Pull the bulb (3) out and then insert a new one.

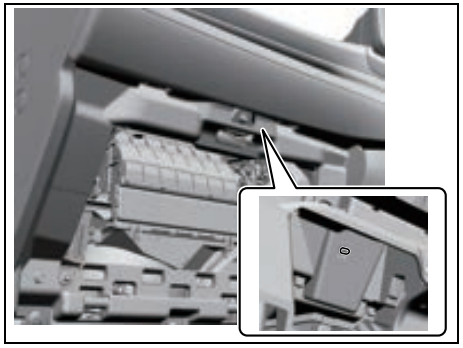
After replacing the bulb, install the vanity mirror light lens in the reverse order of removal.

Glove box light (if equipped)

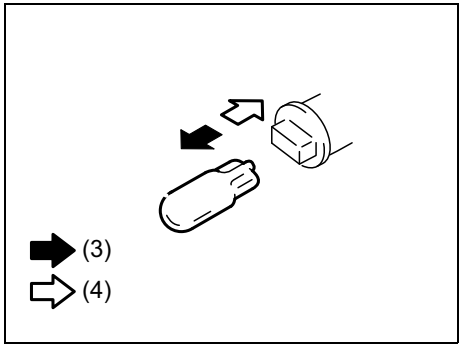


76TS90420

1) Press inward on both sides of the glove box and pull frontward and then unclamp it.



76TS90450



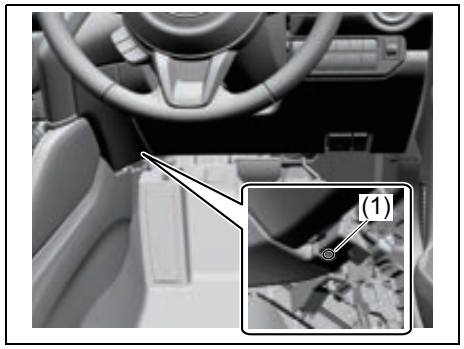
55T090040

(3) Removal
(4) Install

2) Pull the bulb out and then insert a new one.

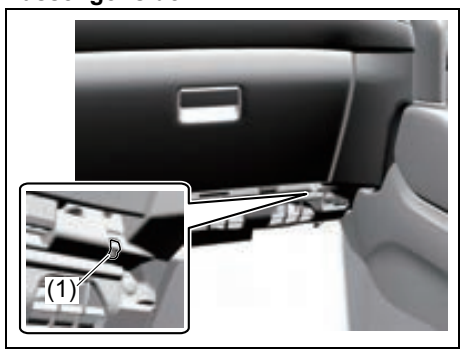
Front footwell lights (if equipped)

Driver side



76TS90460

Passenger side

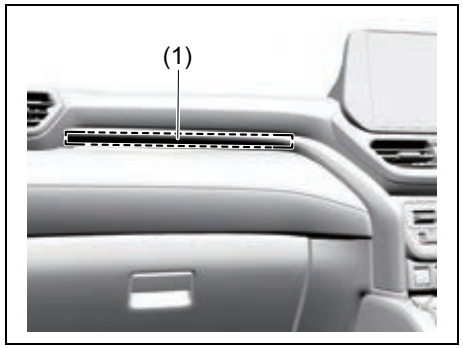


76TS90470

(1) Front footwell light

Since special procedures are required, we recommend you take your vehicle to Your Toyota Dealer for light replacement.

Instrument panel assistant ornament light (if equipped)



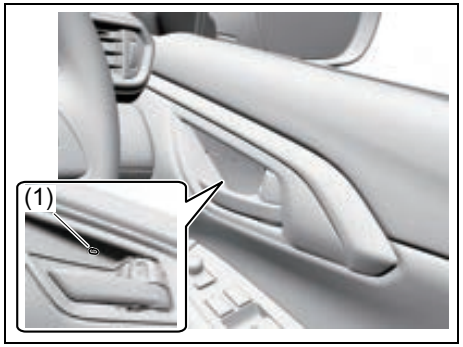
76TS90500

(1) Instrument panel assistant ornament light

Since special procedures are required, we recommend you take your vehicle to Your Toyota Dealer for light replacement.

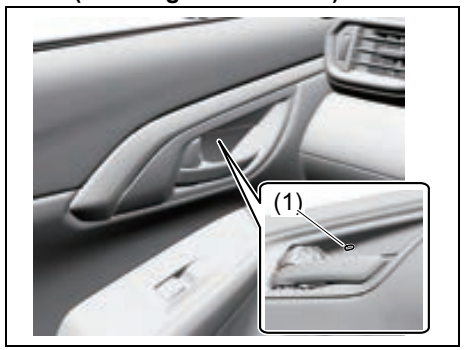
Front / Rear door ambient light (if equipped)

Front (Driver's seat side)



76TS90520

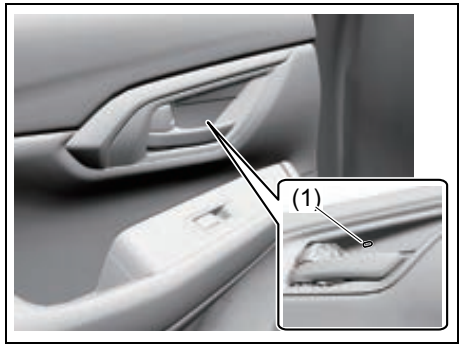
Front (Passenger's seat side)



76TS90530

(1) Front door ambient light

Rear

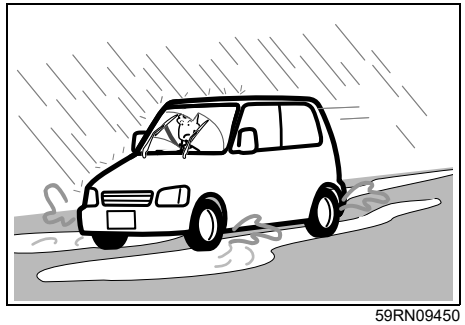


76TS90560

(1) Rear door ambient light

Since special procedures are required, we recommend you take your vehicle to Your Toyota Dealer for light replacement.

Wiper Blades



59RN09450

If the wiper blades become brittle or damaged, or make streaks when wiping, replace the wiper blades.

To install new wiper blades, follow the procedures below.

NOTICE
To avoid scratching or breaking the window, do not let the wiper arm strike the window while replacing the wiper blade.

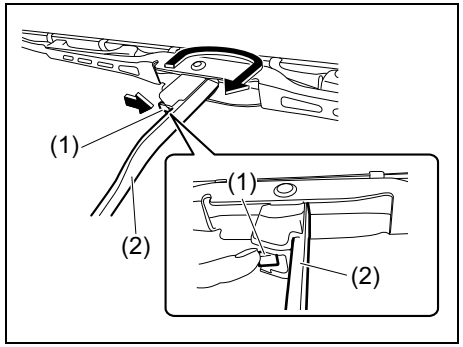
NOTE:
Some wiper blades may be different from the ones described here depending on vehicle specifications. If so, consult Your Toyota Dealer for proper replacement method.

For Windshield Wipers



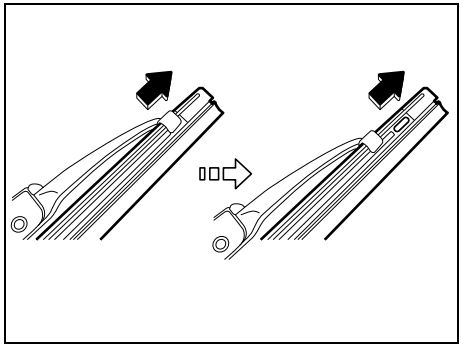
76TS90830

1) Hold the wiper arm away from the window.



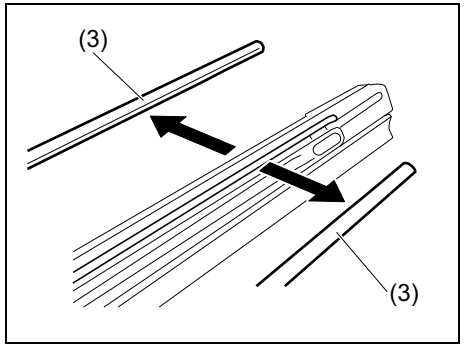
59RN09240

2) Squeeze lock (1) towards wiper arm (2) and remove the wiper frame from the arm as shown.



59RN09250

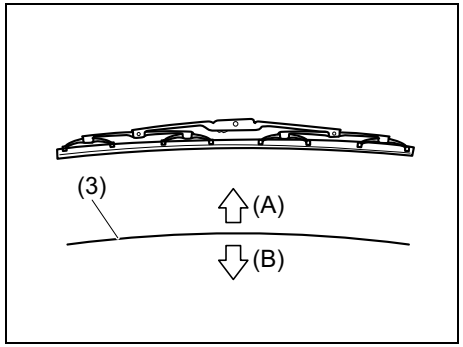
3) Unlock the lock end of the wiper blade and slide the blade out as shown.



59RN09260

(3) Retainer

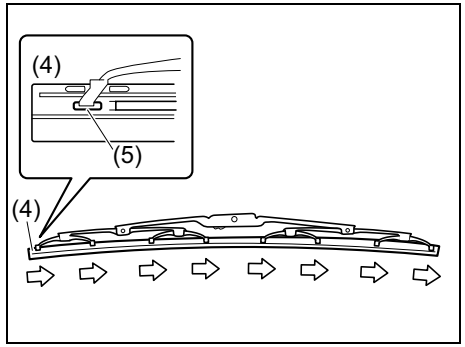
4) If the new blade is provided without the two metal retainers, move them from the old blade to the new one.



59RN09270

(A) Up
(B) Down

NOTE:
When you install the metal retainers (3), make sure the direction of metal retainers as shown in the above illustration.



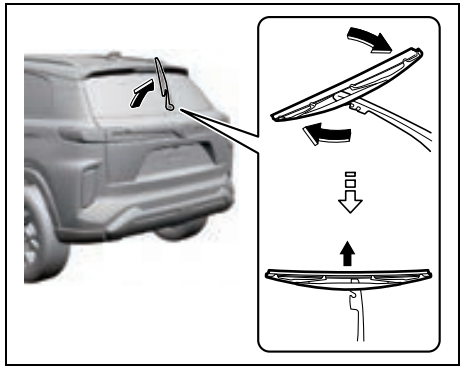
55T090710

(4) Locked end

5) Install the new blade in the reverse order of removal, with the locked end positioned toward the wiper arm. Make sure the blade is properly retained by all the hooks. Lock the blade end into place.
6) Reinstall wiper frame to arm, making sure that the lock lever is snapped securely into the arm.

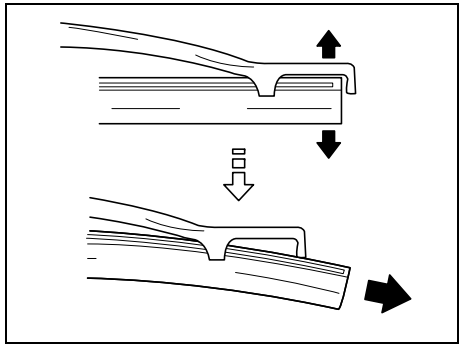
NOTICE
Fit the stopper side (5) of the wiper blade rubber in the driver's seat side. Otherwise, the wiper blade rubber may be misaligned while the wiper operates.

For Rear Windshield Wiper (if equipped)



76TS90840

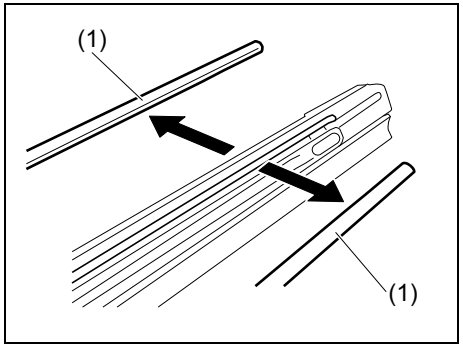
1) Hold the wiper arm away from the window.
2) Remove the wiper frame from the arm as shown.



59RN09300

3) Slide the blade out as shown.

NOTE:
Do not flex the wiper blade frame end more than necessary. If you do, it can break off.

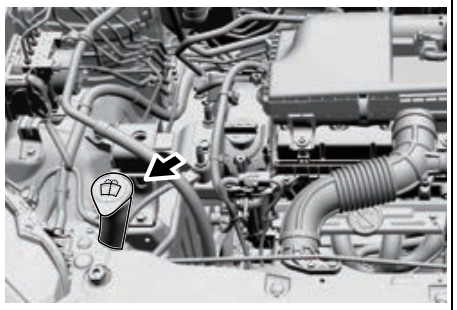


59RN09310

(1) Retainer

4) If the new blade is provided without the two metal retainers, move them from the old blade to the new one.
5) Install the new blade in the reverse order of removal.
   Make sure the blade is properly retained by all the hooks.
6) Reinstall wiper frame to arm in the reverse order of removal.

Windshield Washer Fluid



76TS90390

Check that there is washer fluid in the tank. Refill it if necessary. Use a good quality windshield washer fluid, diluted with water as necessary.

⚠ WARNING

- **Do not use radiator antifreeze in the windshield washer reservoir. This can severely impair visibility when sprayed on the windshield, and also can damage your vehicle's paint.**
- **Do not add washer fluid when the engine and hybrid system is hot or operating as washer fluid contains alcohol and may catch fire if spilled on the engine, etc.**

NOTICE

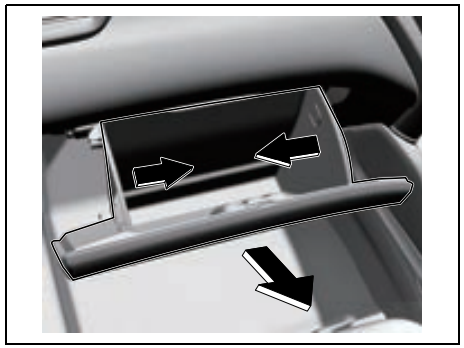
Damage may result if the washer motor is operated with no fluid in the washer tank.

Air Conditioning System

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

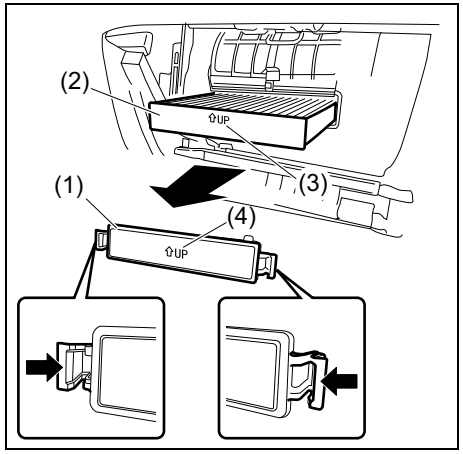
Air Conditioner Filter Replacement

Since special procedures are required, ask Your Toyota Dealer for this job.



76TS90420

1) To approach the air conditioner filter, remove the glove box by pressing both sides of the glove box inward and pulling it out.



76TS90760

2) Remove the cover (1) and pull out the air conditioner filter (2).

NOTE:

- *When you install a new filter, check that the UP mark (3) faces upward.*
- *When you install the cover, check that the UP mark (4) faces upward.*

Cleaning the Hybrid Battery Air Intake Vent and Filter (M15D Engine Model)

To prevent the fuel economy from being affected, visually inspect the hybrid battery air intake vent periodically for dust and clogs.

If there is a problem or “DRIVE BATTERY COOLING PARTS MALFUNCTION SEE OWNER’S MANUAL” is shown on the multi-information display, it is recommended that you take your vehicle to Your Toyota Dealer for hybrid battery air intake vent and filter replacement.

Preparation Before Winter Season

Windshield Washer Fluid

To prevent windshield washer fluid from freezing, dilute it by the ratio according to outside temperature.

Lead-acid Battery

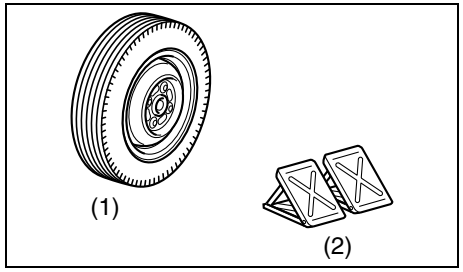
Check the liquid measure and the specific gravity of lead-acid battery. When it becomes cold, the battery performance gets worse. Also, it becomes difficult to start the engine by the weak battery. Refer to “Battery” in the “INSPECTION AND MAINTENANCE” section.

Engine Coolant

To prevent the inside of engine from corroding and freezing, use the designated engine coolant. Refer to “Specifications” in the “SPECIFICATIONS” section.

NOTE:
To check the concentration of engine coolant or replace it, ask Your Toyota Dealer.

Winter Tyres and Chocks



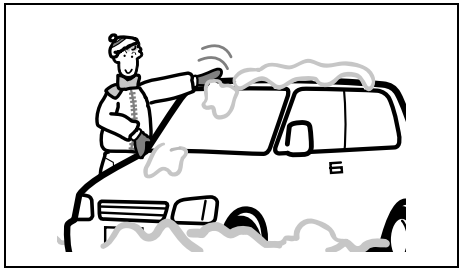
55T090670

(1) Winter tyre
(2) Chock

Winter tyres and chocks are necessary to drive on the snow roads or the frozen roads.

Before Your Driving

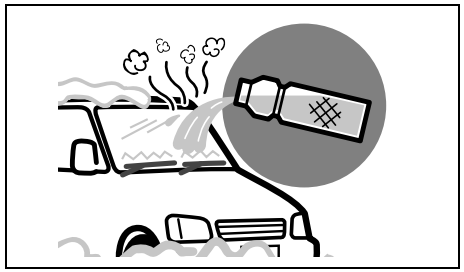
Snow on the Roof



80J308

Remove snow on the roof before your driving. If you do not remove it, snow may fall during your driving and it may hinder your view.

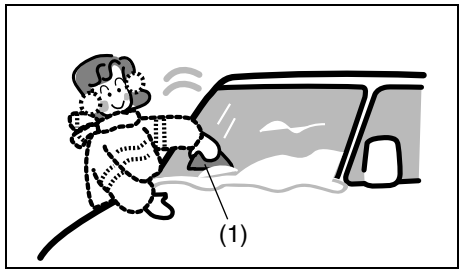
Frozen Wiper Blades



65P60060

Melt ice by pouring lukewarm water. After melting it, wipe off water to prevent refreezing. If you operate the wiper blades forcedly when ice stays freezing, the wiper rubbers may be damaged and the wiper blades may be broken.

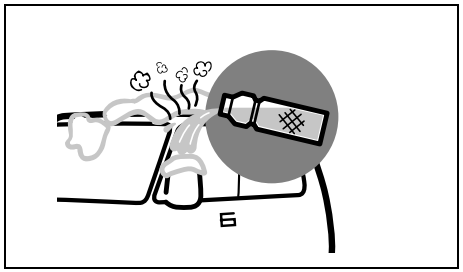
Snow and Frost on the Window Glasses



82K261

Use the plastic board (1). You can remove snow and frost not to damage the window glasses.

Frozen Outside Rearview Mirrors



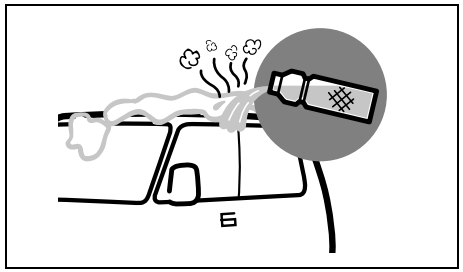
65P60070

Melt ice by pouring lukewarm water. After melting it, wipe off water to prevent refreezing. If you operate the outside rearview mirrors forcedly when ice stays freezing, the outside rearview mirrors may be broken.

NOTICE

- **For the outside rearview mirror folding switch, check if you can move the mirrors by your hands first. Then, operate the switch. If you repeat to operate the switch when ice stays freezing, the mirrors may be broken.**
- **For the remote folding mirrors, deactivate the function of the remote folding mirrors in the cold condition where the outside rearview mirrors are frozen. If you repeat to operate them when ice stays freezing, the mirrors may be broken.**

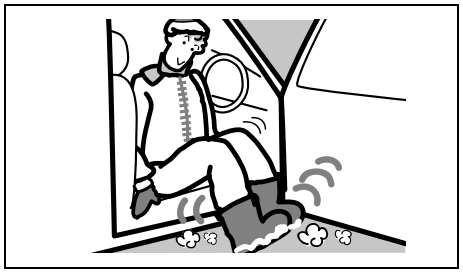
Frozen Doors



65P60080

Pour lukewarm water except the keyhole on the door. After opening the door, wipe off water. If you open the door forcedly when ice stays freezing, the rubbers around the door may be come off and broken.

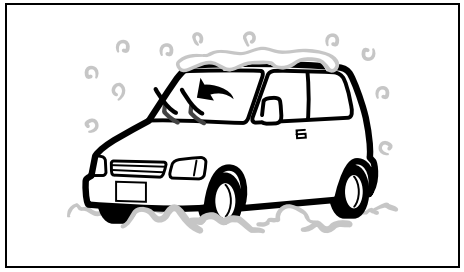
Snow Attaching to Shoes



80J312

Remove snow attaching to shoes before getting in your vehicle. If you do not remove it, you may slip when operating the pedals and the window glasses may mist easily because of high humidity inside the vehicle.

When Parking the Vehicle Outside



80J315

NOTICE

- **If you park the vehicle under eaves or trees, the roof of the vehicle may be dented by accumulated snow or fallen snow.**
  When it is snowing, do not park the vehicle under eaves or trees.
- **If you park the vehicle outside when it is snowing, the wiper arms may be deformed or the wiper blades may be frozen on the windshield by snow weight. Raise the wiper arms away from the windshield when parking the vehicle.**

Parking Brake Precautions in Cold Weather

If the parking brake system freezes, the parking brake may not be released.

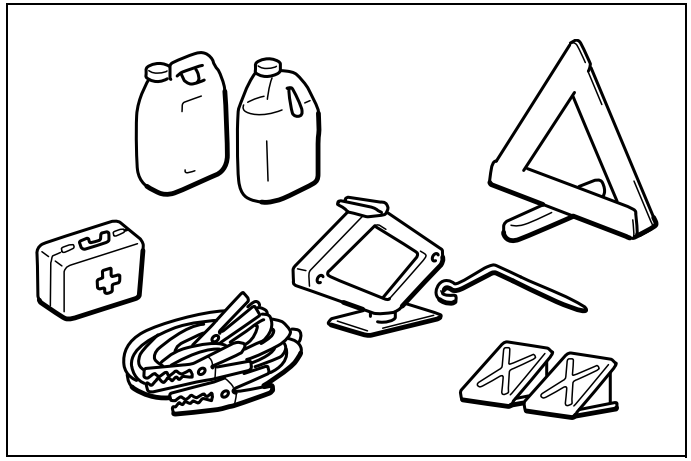
Vehicles with the parking brake lever
When parking for an extended period, use wheel chocks (commercially available) instead of applying the parking brake.

For vehicles with automatic transmission or e-CVT, move the gearshift into “P” (Park) position.

For vehicles with manual transmission, move the gearshift into “R” (Reverse) or 1st gear position.

Vehicles with the electric parking brake
- Turn off the auto mode of the electric parking brake. There is a risk that the electric parking brake may activate automatically, causing the brake system to freeze and making it impossible to release. Also, avoid using the brake hold system. Even if the auto mode of the electric parking is OFF, the electric parking brake may still activate automatically.
- If the electric parking brake is applied, the brake system may freeze, and this makes releasing the system difficult. Use wheel chocks (commercial available) instead of applying the electric parking brake. Failure to do so may cause the vehicle to move unintentionally, leading to an unexpected accident.
- When the auto mode of the electric parking brake, move the gearshift into “P” position, then release the electric parking brake.
- When electric parking brake is in auto mode, move the gearshift to “P” position then release the electric parking brake.
- If the vehicle is parked with wet brake components in cold weather, they may freeze.

EMERGENCY SERVICE



60G411

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Towing by Tow Truck

If you need to have your vehicle towed, contact a professional service. Your Toyota Dealer can provide you with detailed towing instructions.

NOTICE

To help avoid damage to your vehicle during towing, proper equipment and towing procedures must be used.

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

- For the vehicle with M15D engine, the hybrid system warning message is shown on the multi-information display and the vehicle does not move.
- The vehicle makes an abnormal sound.

For vehicles with the electric parking brake

If the electric parking brake malfunctions and cannot be released, the vehicle must be towed as follows.

- With all four wheels on a flat-bed truck.
- With the front or rear wheels lifted and a dolly under the other wheels.

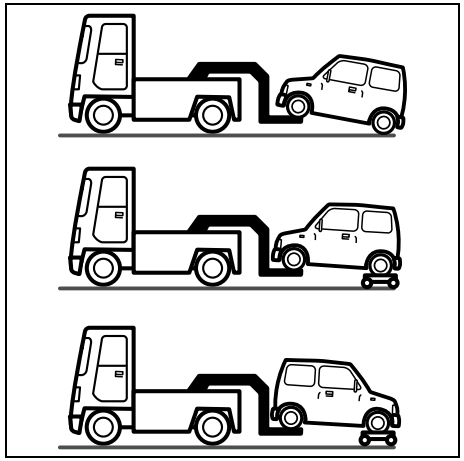
⚠ WARNING

Make sure that the auto mode is turned off as necessary to prevent the parking brake from being applied automatically.

2-wheel Drive (2WD) Manual Transmission

Manual transmission vehicles may be towed using either of the following methods.

- Being towed from the front:
  Lift the front wheels and keep the rear wheels on the ground. Before the vehicle is towed, make sure that the parking brake is released.
- Being towed from the rear:
  Lifted and the front wheels on the ground, provided the steering and drivetrain are in operational condition. Before towing, check that transmission is in neutral, the steering wheel is unlocked (the ignition mode is ACC), and the steering wheel is secured with a clamping device designed for towing service.



67T00160

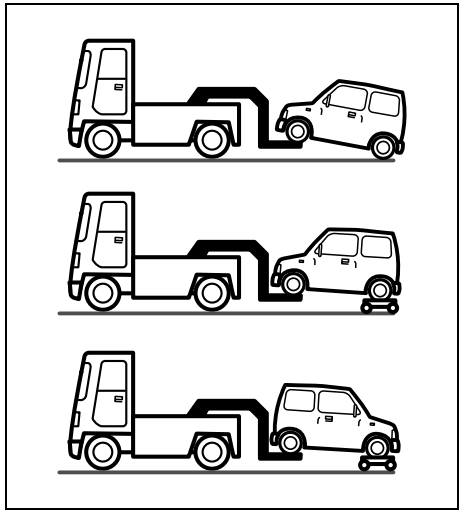
NOTICE

The steering column is not strong enough to withstand shocks transmitted from the front wheels during towing. Always unlock the steering wheel before towing.

2-Wheel Drive (2WD) Automatic Transmission or e-CVT

Automatic transmission or e-CVT vehicles may be towed using either of the following methods.

- Being towed from the front:
  Lift the front wheels and keep the rear wheels on the ground. Before the vehicle is towed, make sure that the parking brake is released.
- Being towed from the rear:
  Lift the rear wheels and place a dolly under the front wheels.



67T00160

⚠ WARNING

For e-CVT model, do so with the front wheels raised. If the wheels connected to the electric motor (traction motor) are on the ground when towing, the motor may continue to generate electricity. This may cause a fire.

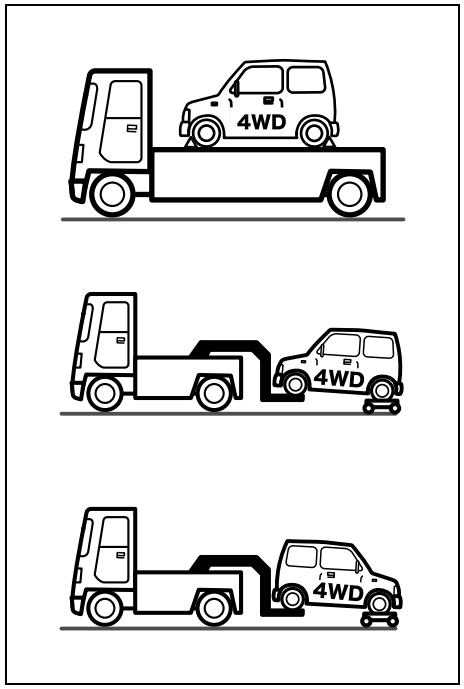
NOTICE

If your vehicle is towed with the front wheels on the ground, it can result in damage to the automatic transmission or e-CVT.

4-Wheel Drive (4WD)

Your vehicle should be towed under one of the following conditions:

- With all four wheels on a flat-bed truck.
- With the front or rear wheels lifted and a dolly under the other wheels.



76TS100010

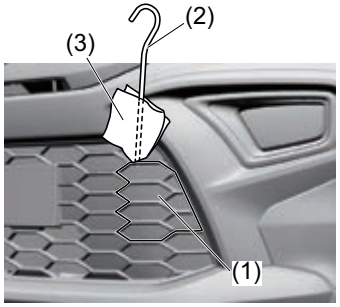
NOTICE

Towing the 4WD vehicle with four wheels on the ground can result in damage to the manual transmission, automatic transmission and/or the 4WD system.

Towing by Using Towing Eye

Hanging Point of a Towing Cable

Hang a towing cable on a towing eye.
The towing eye is provided on the front of the vehicle for use in emergency situations or sea shipping purposes.



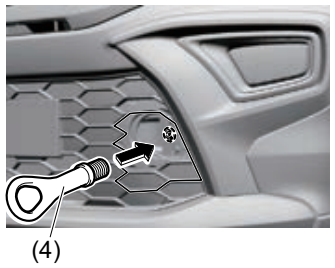
76TS100250

1) Remove the cover (1) by using a jack handle (2) covered with a soft cloth (3) as shown in the illustration.

NOTICE

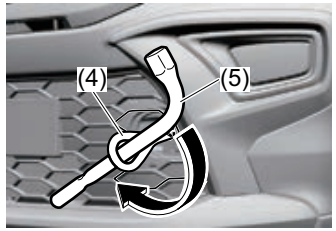
Do not apply excessive force as it may damage the cover strap.

NOTE:
We recommend that you fasten the cover with tape to prevent damage during towing.



76TS100260

2) Install the towing eye (4) by hand.



76TS100270

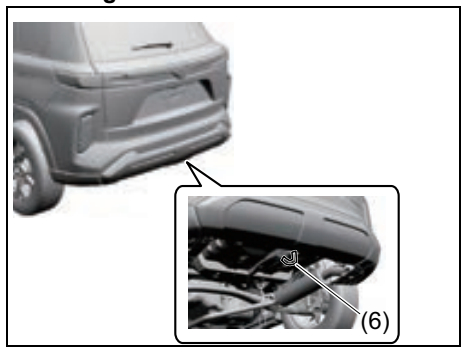
3) To tighten the towing eye (4), turn it clockwise by using a wheel brace (5) until the towing eye (4) is securely installed.

NOTICE

- **Observe the following instructions when using the towing eye (4). Otherwise, the towing eye or the vehicle body may break and cause serious injury or damage:**
  - **Avoid pulling the vehicle to get out of severe snowy, muddy or sandy conditions.**
  - **Avoid sudden starts or erratic driver performance which could cause excessive stress on the towing eye.**

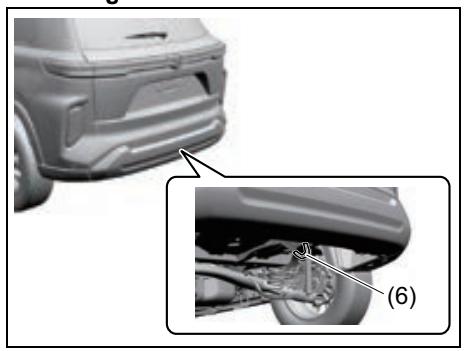
  In such cases, we recommend that you contact a professional service.
- **Do not use the towing eye (4) for towing another vehicle or transporting your vehicle by a car carrier trailer, etc.**

K15C engine model



76TS100290

M15D engine model

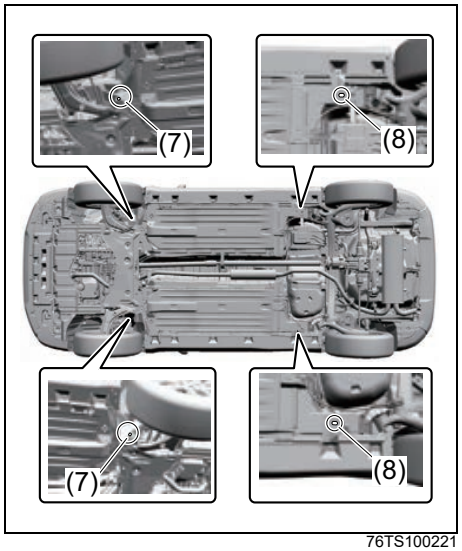


76TS100211

NOTICE

- **Your vehicle was originally designed to carry people and a normal amount of cargo, not to tow a trailer.**
- **The frame hook (6) is provided on the rear of the vehicle for use in emergency situations and sea shipping purposes only. Do not use the frame hook for towing another vehicle, being towed by another vehicle or transporting your vehicle by a car carrier trailer, etc. Otherwise, the frame hook or the vehicle body may break and cause serious injury or damage.**

Other Holes



76TS100221

The frame holes (7) and (8) are provided only for transporting by a car carrier trailer.

⚠ WARNING

Do not use the frame holes (7) and (8) for towing purpose. These holes may break and cause serious injury or damage.

Towing by Using a Rope

1) Hang a towing cable on a towing eye horizontally, so that the hanging side would be the same for the towing vehicle and the towed vehicle if possible.

2) Keep the engine running or the hybrid system activating.
   - When you cannot start the engine or the hybrid system, press the engine switch or the power switch to change the ignition mode to the position other than LOCK (OFF).
   - Turn the steering wheel to left and right to check that the steering lock is released.

⚠ WARNING

If you drive the vehicle without the engine running and the hybrid system starting, it may cause an accident.
When your vehicle is towed by using a rope, observe the following instructions.
- **Do not press the engine switch or the power switch to change the ignition mode to LOCK (OFF). Otherwise, the steering wheel will be locked and not be turned.**

(Continued)

⚠ WARNING

(Continued)
- **Depress the brake pedal more firmly than usual, as the brake booster does not work.**
- **Operate the steering wheel with more force, as the power steering system does not work.**

NOTICE

If you cannot release the steering lock, you cannot operate the steering wheel and it may cause an accident.
If you cannot release the steering lock because of malfunction and running out of the lead-acid battery, do not perform towing by using a rope.

3) Shift the gearshift lever into “N”.

NOTE:
If you cannot shift the gearshift lever into “N”, towing by using a towing cable is not possible. Consult Your Toyota Dealer.

4) During towing, make sure that a towing cable is not slack. To avoid a collision, carefully drive your vehicle checking the brake lights of the front vehicle.
   - To warn the driver of a following vehicle, turn on the hazard warning lights of the towed vehicle.

⚠ WARNING

If you continuously depress the brake pedal on a long or steep downhill slope, the brakes could overheat and become ineffective.
When there is a long or steep downhill slope, do not perform towing by a rope. Make a request of a tow truck.

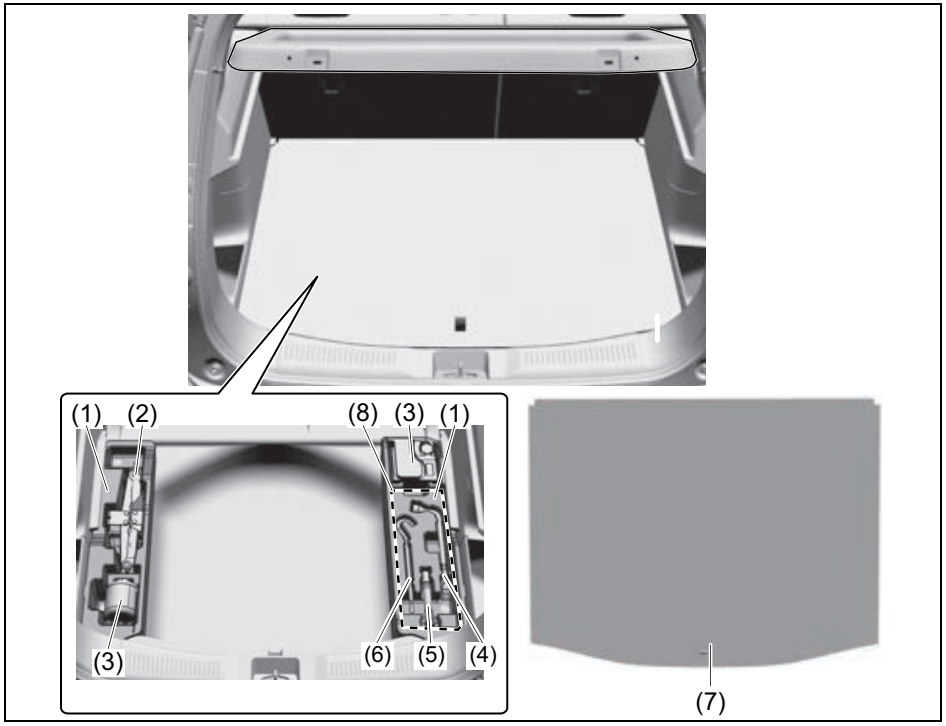
NOTICE

- **If a strong impact is applied to a towing eye or a towing cable by sudden starting etc., the towing eye or the vehicle body may be damaged.**
  When the vehicle needs to be towed, do not apply a strong impact to a towing eye or a towing cable by sudden starting etc.
  Do not accelerate suddenly.
- **If the vehicle unavoidably needs to be towed by a rope, tow your vehicle on the roads. Do not exceed the vehicle speed of 30 km/h (19 mph) and do not drive the vehicle for longer than 30 km (18 miles) to protect the transmission.**
- **To avoid damaging engine system components, tow the vehicle in the forward direction when using a rope.**

Tyre Changing Tool

The tyre changing tools are stowed in the luggage compartment.

K15C engine gasoline model
Remove the luggage compartment board (7), then remove the tyre changing tools.

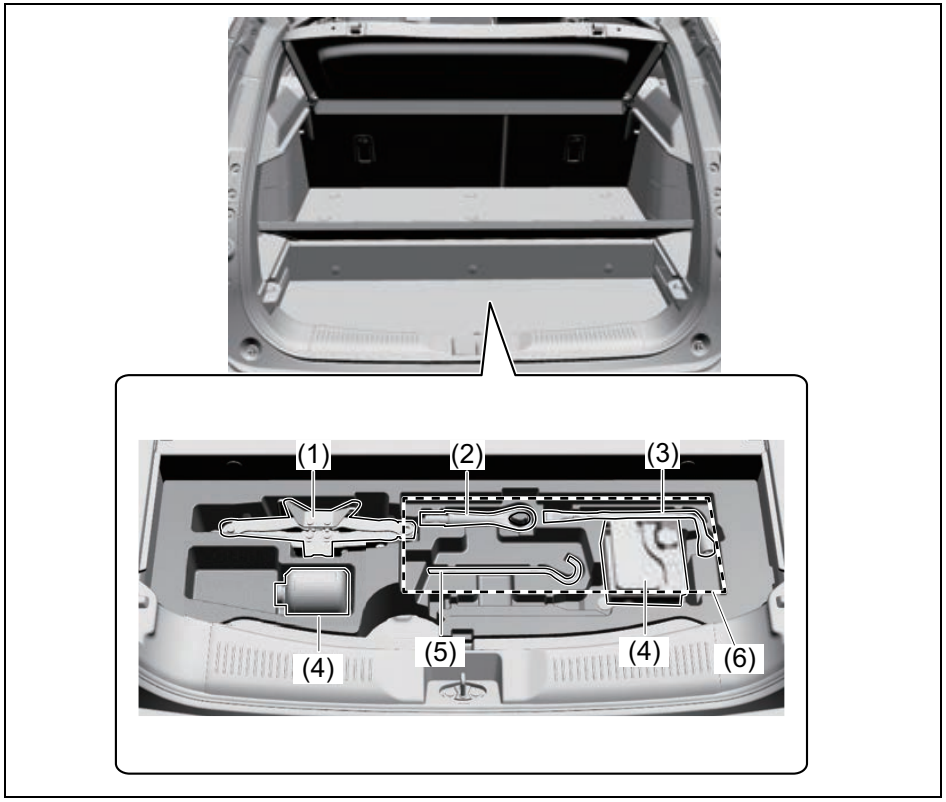


76TS10192

(1) Tool boxes
(2) Jack
(3) Flat tyre repair kit
(4) Wheel wrench
(5) Towing eye
(6) Jack handle
(7) Luggage Compartment Board
(8) Warning Triangle

NOTE:
- *For vehicle fitted with CNG fuel system, refer to the supplementary owner's manual.*
- *To remove the luggage compartment board easily, lift the board from the hole provided on the board and pull it out.*
- *When using the jack, check that there is no deformation or damage on the jack.*
- *Check that there is no dirt on the screw part and grease is applied on it.*

M15D engine model
Remove the luggage floor carpet (1).



76TS100151

(1) Jack
(2) Towing eye
(3) Wheel wrench
(4) Flat tyre repair kit
(5) Jack handle
(6) Warning Triangle

The tyre changing tools are stowed in the luggage compartment.
Refer to “Luggage Compartment” in “QUICK GUIDE” section.

⚠ WARNING

After using the tyre changing tools, be sure to stow them securely or they can cause injury if an accident occurs.

⚠ CAUTION

The jack should be used only to change wheels. It is important to read the jacking instructions in this section before attempting to use the jack.

NOTICE

To avoid damaging the storage bracket, do not expand the jack excessively.

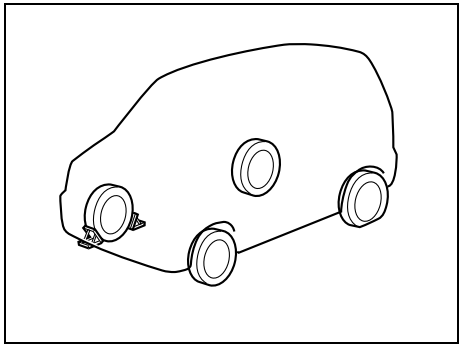
Jacking Instructions

1) Place the vehicle on level, hard ground.
2) Set the parking brake firmly and shift into “P” (Park) if your vehicle has an automatic transmission or e-CVT, or shift into “R” (Reverse) if your vehicle has a manual transmission.

⚠ WARNING

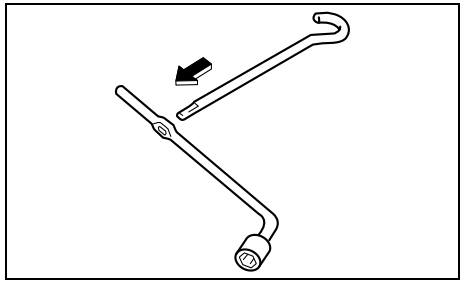
- **Shift into “P” (Park) when you jack up the vehicle.**
- **Never jack up the vehicle with the transmission in “N” (Neutral). Otherwise, unstable jack may cause an accident.**

3) Stop the engine or hybrid system.
4) Turn on the hazard warning switch if your vehicle is near traffic.

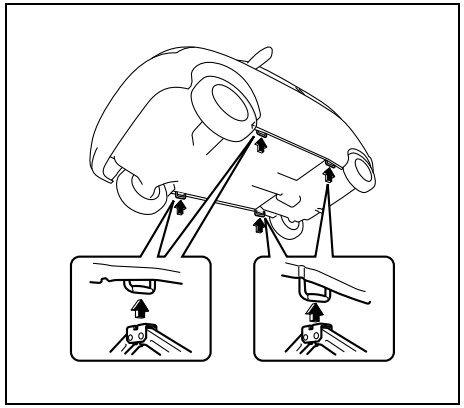


59RN10010

5) Block the front and rear of the wheel diagonally opposite to the wheel being lifted.

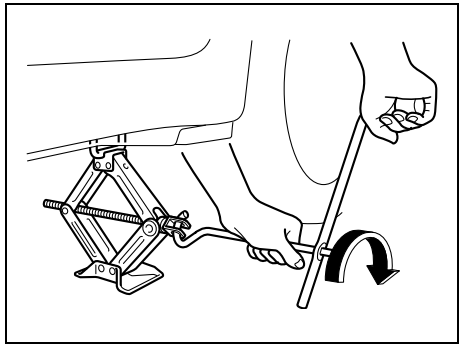


59RN10120



63J100

6) Position the jack at an angle as shown in the illustration and raise the jack by turning the jack handle clockwise until the jack-head groove fits around the jacking bar beneath the vehicle body.



63J101

7) Continue to raise the jack slowly and smoothly until the tyre clears the ground. Do not raise the vehicle more than necessary.

⚠ WARNING

- **Use the jack only to change wheels on level, hard ground.**
- **Never jack up the vehicle on an inclined surface.**
- **Never raise the vehicle with the jack in a location other than between the frame bosses near the wheel to be changed.**
- **Make sure that the jack is raised at least 25 mm (1 inches) before it contacts the boss. Use of the jack when it is within 25 mm (1 inches) of being fully collapsed may result in failure of the jack.**
- **No person should place any portion of their body under a vehicle that is supported by a jack.**
- **Never run the engine and activate the hybrid system when the vehicle is supported by the jack and never allow passengers to remain in the vehicle.**

Raising Vehicle with Garage Jack

- Apply the garage jack to one of the points indicated below.
- Always support the raised vehicle with jack stands (commercially available) at the points indicated below.

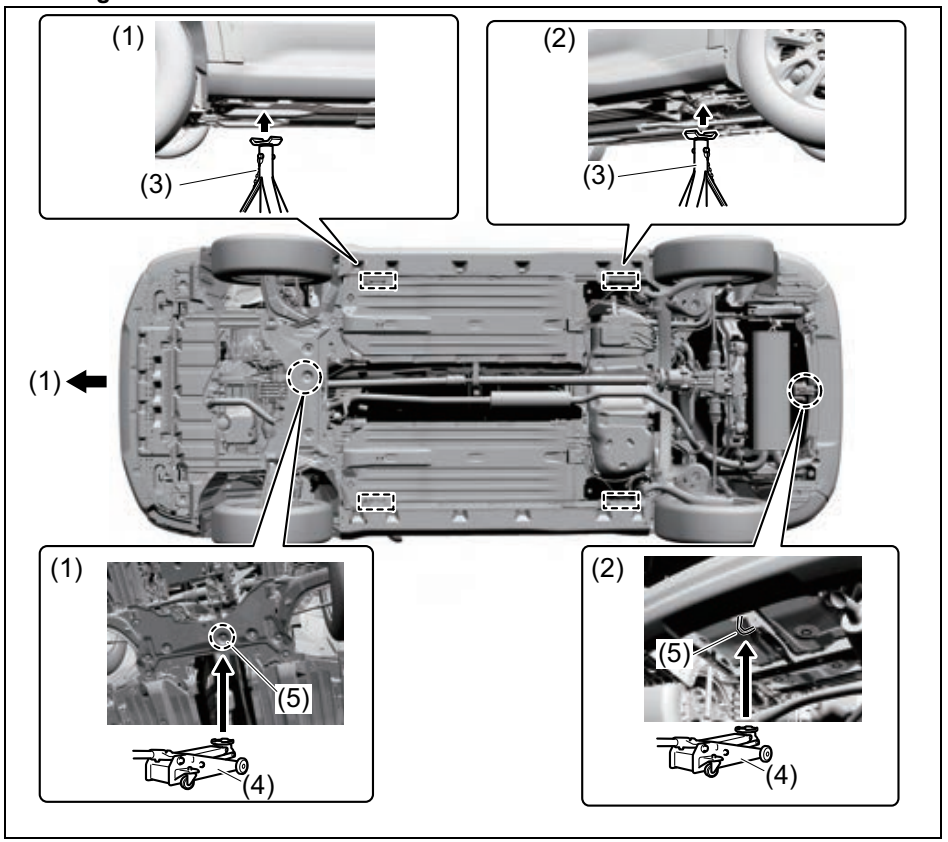
(1) Front
(2) Rear
(3) Jack stand
(4) Garage jack
(5) Jacking point for garage jack

⚠ WARNING

As the vehicle may get damaged or an accident may occur, observe the following points.

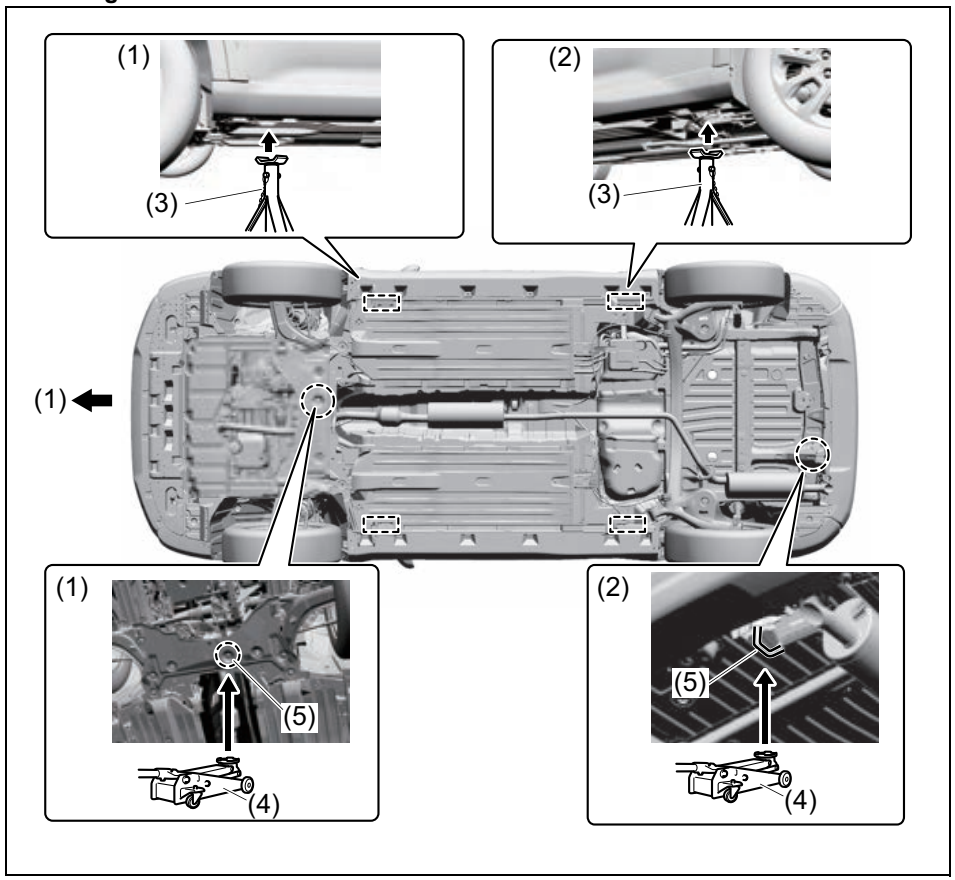
- **Observe the designated points shown in the illustrations.**
- **When holding the lifted vehicle, use the rigid rack.**
- **When jacking up the front side or the rear side only, place a chock (commercially-available product) on front and back of the grounded tyre.**

K15C engine model

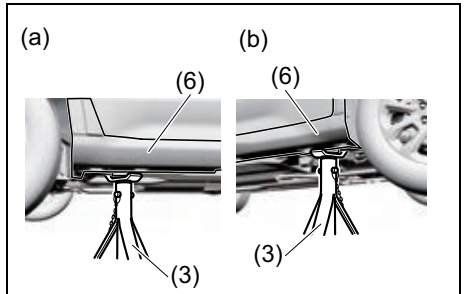


76TS100070

M15D engine model



76TS100081



76TS100140

(a) Specified position of jack stand for the front side
(b) Specified position of jack stand for the rear side

NOTICE

If you use the jack stand (3) in the condition that it touches the side skirt (6), the side skirt may be broken or damaged.
When using the jack stand, make sure that it does not touch the side skirt.

NOTE:
For more details, consult Your Toyota Dealer.

Changing Wheels

To change a wheel, use the following procedure:
1) Prepare the jack and tools.
2) Loosen, but do not remove the wheel nuts.
3) Jack up the vehicle (follow the jacking instructions in this section).

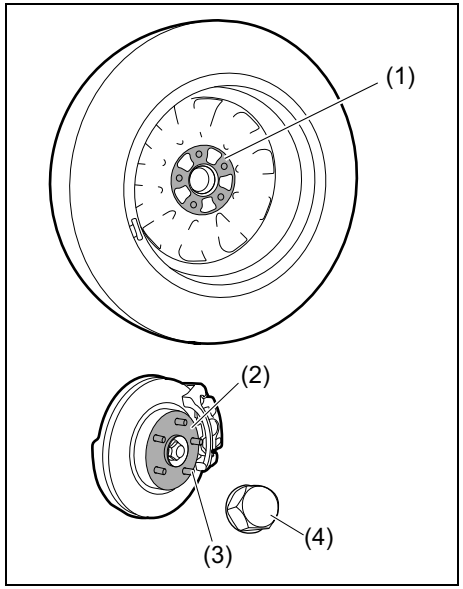
⚠ WARNING

- **Shift into "P" (Park) for an automatic transmission or e-CVT, or into "R" (Reverse) for a manual transmission vehicle when you jack up the vehicle.**
- **Never jack up the vehicle with the transmission in "N" (Neutral). Otherwise, unstable jack may cause an accident.**

⚠ CAUTION

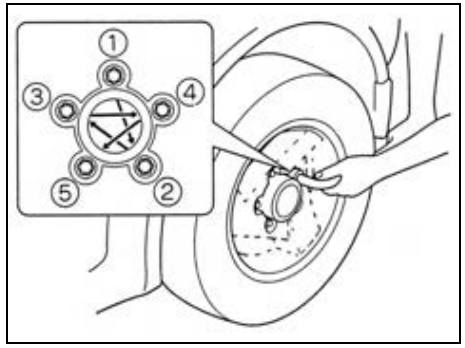
Immediately after the vehicle has been driven, the wheels, the wheel nuts and the area around the brakes might be extremely hot. Touching these areas may cause burn injury Do not touch these areas, immediately after the vehicle has been driven.

4) Remove the wheel nuts and wheel.



84S08170

5) Clean any mud or dirt off from the surface of the wheel (1), hub (2), thread part (3) and surface of the wheel nuts (4) with a clean cloth. Clean the hub carefully; it may be hot from driving.
6) Install the new wheel and replace the wheel nuts with their cone shaped end facing the wheel. Tighten each nut snugly by hand until the wheel is securely seated on the hub.



81A517

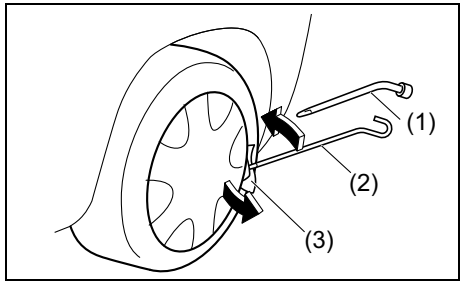
Tightening torque for wheel nuts 100 Nm (10.2 kg-m, 74.0 lb-ft)

7) Lower the jack and fully tighten the nuts with a wrench in numerical order as shown in the illustration.

⚠ WARNING

Use genuine wheel nuts and tighten them to the specified torque as soon as possible after changing wheels. Incorrect wheel nuts or improperly tightened wheel nuts may come loose or fall off, which can result in an accident. If you do not have a torque wrench, have the wheel nut torque checked by Your Toyota Dealer.

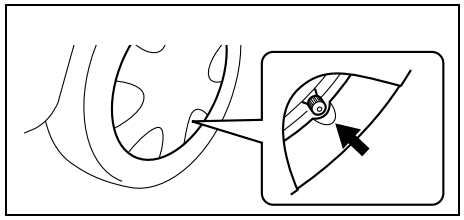
Full Wheel Cover (if equipped)



68PM08011

(1) or (2) Flat end tool

Your vehicle includes two tools, a wheel wrench and a jack crank, one of which has a flat end.
Use the tool with the flat end with soft cloth (3) to remove the full wheel cover, as shown above.



68PM08012

When installing the cover, make sure that it is positioned so that it does not cover or foul the air valve.

Flat tyre repair kit

The flat tyre repair kit is stowed in the luggage compartment.
Refer to “Luggage Compartment” in “QUICK GUIDE” section.

⚠ WARNING

Failure to follow the instructions in this section for using the flat tyre repair kit can result in an increased risk of loss of control and an accident.

Carefully read and follow the instructions in this section.

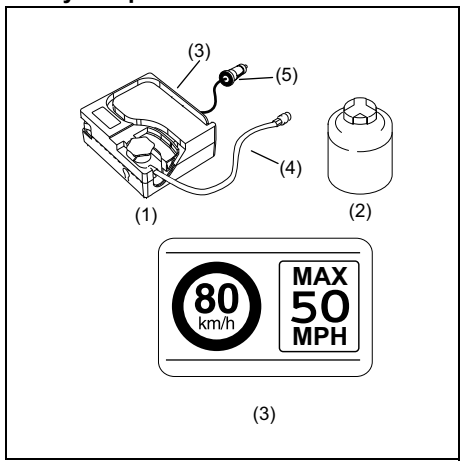
NOTICE

The flat tyre repair kit cannot be used in the following cases. Consult Your Toyota Dealer or a roadside assistance service.

- **Cuts or piercing in the tyre tread larger than approx. 4 mm (0.15 in.).**
- **Cuts in the tyre side wall.**
- **Tyre damage caused by driving with considerably reduced tyre pressure or even with deflated tyre.**
- **The tyre bead completely unseated outside of the rim.**
- **The rim damaged.**

Small punctures in the tyre tread, caused by a nail or a screw, can be sealed with the flat tyre repair kit.
Do not remove nails or screws from the tyre during an emergency repair.

Flat tyre repair kit contents



76TS0A090

(1) Air compressor
(2) Sealant bottle
(3) Speed restriction sticker (with air compressor)
(4) Air hose
(5) Power plug

⚠ WARNING

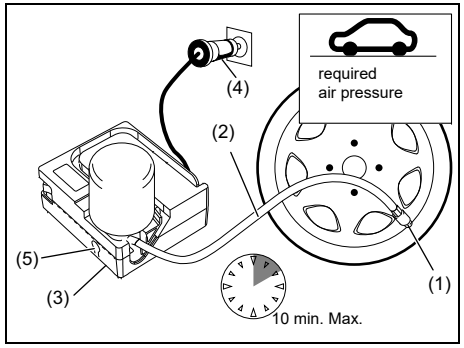
Flat tyre repair kit sealant is harmful if swallowed, or if it comes in contact with skin or eyes. If swallowed, do not induce vomiting. Give plenty of water (if possible charcoal slurry) and seek medical attention immediately. If sealant gets in eyes, flush eyes with water and seek medical attention. Wash thoroughly after handling. Solution can be poisonous to animals. Keep out of the reach of children and animals.

NOTICE

Replace the sealant before expiry date indicated on the label of the sealant bottle. To purchase new sealant, see Your Toyota Dealer.

Emergency repair

1) Place the vehicle on level, hard ground. Set the parking brake firmly and shift into “P” (Park) if your vehicle has an automatic transaxle, or shift into “R” (Reverse) if your vehicle has a manual transaxle.
   Turn on the hazard warning flasher if your vehicle is near traffic. Block the front and rear of the wheel diagonally opposite of the wheel being repaired.
2) Take out the sealant bottle and the compressor.
3) At the top of the compressor, remove the cap that covers the socket for the sealant bottle, and then screw the bottle into the socket.
4) Unscrew the valve cap from the tyre valve.
5) Connect the air hose of the air compressor to the tyre valve.
6) Connect the power plug of the compressor to the accessory socket. For a manual transmission vehicle, shift from “R” (Reverse) into “N” (Neutral). Start the engine. Switch on the compressor. Inflate the tyre to the required air pressure.



76TS0A091

(1) Tyre valve
(2) Air hose
(3) Compressor
(4) Power plug
(5) Deflation valve

NOTICE

Do not operate the compressor for longer than 10 minutes. It can cause overheating of the compressor.

If the tyre cannot be inflated to the required air pressure within 5 minutes, move the vehicle a few meters back and forth to spread the sealant over the entire tyre. Then, inflate the tyre again.

If the tyre still cannot be inflated to the required air pressure, the tyre may be severely damaged. In this case, the flat tyre repair kit cannot provide the necessary seal. Consult Your Toyota Dealer or a roadside assistance service.

NOTE:
If the tyre is over-inflated, deflate air by pushing the deflation valve (5) of the filler hose.

7) Affix the speed restriction label from the air compressor in the driver's field of view.
8) Make a short drive immediately after inflating the tyre to the required air pressure. Drive carefully with a maximum speed of 80 km/h (50 mph).
9) Carry on driving carefully to Your Toyota Dealer or a tyre repair shop.

⚠ WARNING

Do not affix the speed restriction label to the airbag. Also do not affix it to the warning light indicator or to the speedometer.

10) After 10 km (6 mile) running, check the tyre pressure with the pressure gauge of the compressor. If the air pressure indicates more than 220 kPa (2.2 bar), the emergency repair is completed. But, if the air pressure indicates less than the required air pressure, correct the tyre pressure to the required air pressure. If the tyre pressure has dropped below 130 kPa (1.3 bar), the flat tyre repair kit cannot provide the necessary seal. Do not use the tyre and consult TOYOTA or a roadside assistance service.

⚠ WARNING

Check the tyre pressure and confirm the completion of the emergency repair after 10 km (6 mile) of running.

NOTICE

Have the tyre renewed at Your Toyota Dealer. When reusing the sealed tyre, consult a tyre repair shop.
The wheel can be reused after wiping sealant off completely with cloth in order to prevent rust, but the tyre valve and tyre pressure monitoring system (TPMS) sensor must be renewed.
Dispose of the sealant bottle and the air hose at Your Toyota Dealer or in accordance with your regional codes and practices.
After using the sealant bottle and the air hose, replace it with a new ones from Your Toyota Dealer.

Using compressor to inflate a tyre

1) Place the vehicle on level, hard ground. Set the parking brake firmly and shift into “P” (Park) if your vehicle has an automatic transaxle, or shift into “R” (Reverse) if your vehicle has a manual transaxle.
2) Take out the compressor.
3) Unscrew the valve cap from the tyre valve.
4) Connect the air hose of the compressor to the tyre valve.
5) Connect the power plug of the compressor to the accessory socket. For a manual transmission vehicle, shift from “R” (Reverse) into “N” (Neutral).Start the engine. Switch on the compressor. Inflate the tyre to the required air pressure.

NOTICE

Do not operate the compressor for longer than 10 minutes. It can cause overheating of the compressor.

Jump-starting Instructions

⚠ WARNING

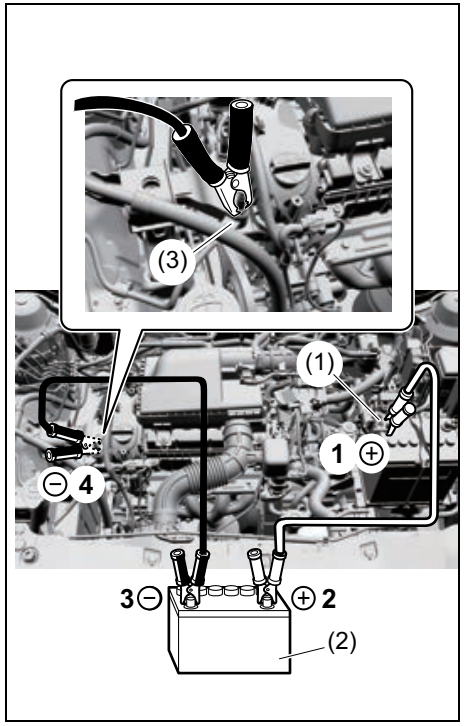
- **Never attempt to jump-start your vehicle if the lead-acid battery appears to be frozen. Batteries in this condition may explode.**
- **When making jump lead connections, check that your hands and the jump leads remain clear from pulleys, belts or fans.**
- **Lead-acid batteries produce flammable hydrogen gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working near the battery.**
- **If the booster battery you use for jump-starting is installed in another vehicle, check that the two vehicles are not touching each other.**
- **If your lead-acid battery discharges repeatedly, for no apparent reason, have your vehicle inspected by Your Toyota Dealer.**
- **To avoid harm to yourself or damage to your vehicle or battery, follow the jump-starting instructions below.**
  If you are in doubt, call for qualified road service.

NOTICE

- **Your vehicle should not be started by pushing or towing. This starting method could result in permanent damage to the catalytic converter. Use jump leads to start a vehicle with a weak or flat battery.**
- **Never charge the 12-volt battery while the hybrid system is activating. Also, be sure all accessories are turned off.**
- **For M15D engine model, the vehicle cannot be used to jump start another vehicle.**

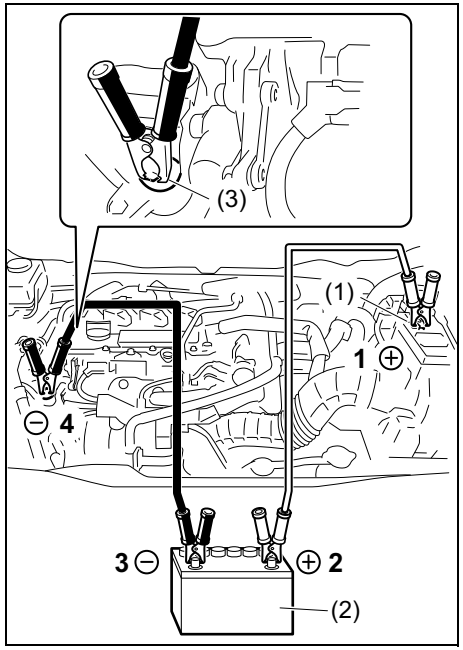
1) Use only a 12-volt lead-acid battery to jump-start your vehicle. Position the good 12-volt lead-acid battery close to your vehicle so that the jump leads will reach both batteries. When using a battery installed on another vehicle, check that two vehicles do not touch each other. Set the parking brakes fully on both vehicles.
2) Turn off all vehicle accessories, except those necessary for safety reasons (for example, headlights or hazard lights).

K15C model



76TS100061

M15D model



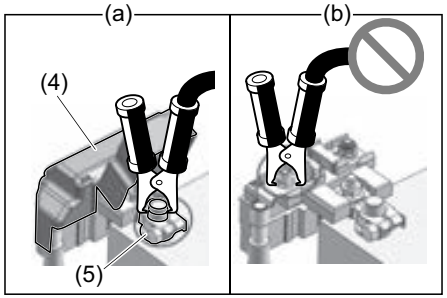
76TS100170

3) Connect jump leads as follows:

1. Connect one end of the first jump lead to the positive (+) terminal of the discharged battery (1).

⚠ WARNING

- **Never try to jump-start the vehicle beyond fuse terminal.**
- **Don't try to remove battery terminal cover (4) connection.**
- **Connect position of the positive (+) terminal (5) of the discharged battery.**



76TS100171

(a) Correct
(b) Wrong

2. Connect the other end to the positive (+) terminal of the booster battery (2).
3. Connect one end of the second jump lead to the negative (–) terminal of the booster battery (2).
4. Make the final connection to an unpainted, heavy metal part (i.e. engine mount bolt (3)) of engine cylinder head in the vehicle with the discharged battery (1).

⚠ WARNING

Never connect the jump lead directly to the negative (–) terminal of the discharged battery, or an explosion may occur.

⚠ CAUTION

Connect the jump lead to the engine mount bolt securely. If the jump lead disconnects from the engine mount bolt because of vibration at the start of the engine, the jump lead could be caught in the drive belts.

4) If the booster battery you are using is fitted to another vehicle, start the engine of the vehicle with the booster battery. Run the engine at moderate speed.
5) Start the engine or the hybrid system of the vehicle with the discharged battery.
6) Remove the jump leads in the exact reverse order in which you connected them.

NOTE:
- *For M15D engine model, the hybrid system may not start with the power switch turned off after charging the 12-volt lead-acid battery. However, the hybrid system will operate normally from the second attempt.*
- *For M15D engine model, after the 12-volt battery has discharged or when the terminal has been removed and installed during exchange, the gasoline engine may not stop even if the vehicle is being driven by the hybrid battery (traction battery). If this continues for a few days, consult Your Toyota Dealer.*

Running Out of Battery

In the following cases, the lead-acid battery is running out.

- The starter does not engage when attempting to turn on the engine. Or, the starter rotation is too weak to make the engine or the hybrid system start.
- The headlight illumination is extremely low or the horn volume is low.

If You Get a Flat Tyre While Driving

Firmly hold the steering wheel and carefully apply the brakes to slow down the vehicle and stop it in a safe place.

Engine Trouble: Starter Does not Operate

1) Try turning the ignition mode to START with the headlights turned on to determine the lead-acid battery condition. If the headlights go excessively dim or go off, it usually means that either the lead-acid battery is discharged or the battery terminal contact is poor. Recharge the lead-acid battery or correct battery terminal contact as necessary.
2) If the headlights remain bright, check the fuses. If the reason for failure of the starter is not obvious, there may be a major electrical problem. Have the vehicle inspected by Your Toyota Dealer.

Engine Trouble: Does not Start

Make sure that your vehicle has enough fuel and battery.
If the engine does not start under very cold condition, press the accelerator pedal all the way to the floor and hold it while cranking the engine.
Refer to “Starting / Stopping Engine or Hybrid System” in “OPERATING YOUR VEHICLE” section.
If the engine still does not start have your vehicle inspected at Your Toyota Dealer.

- Do not operate the starter motor for more than 12 seconds.

NOTE:
If the engine refuses to start, the starter motor automatically stops after a certain period of time. After the starter motor has automatically stopped or if there is anything abnormal in the engine starting system, the starter motor runs only while the engine switch is held pressed.

Engine Trouble: Overheating

The engine could overheat temporarily under severe driving conditions. If the high engine coolant temperature warning light comes on as overheating or the engine coolant temperature gauge indicates overheating during driving:

1) Turn off the air conditioner.
2) Take the vehicle to a safe place and park.
3) Run the engine at a normal idle speed for a few minutes until the high engine coolant temperature warning light goes off or the indicator is within the normal, acceptable temperature range between “H” and “C”.

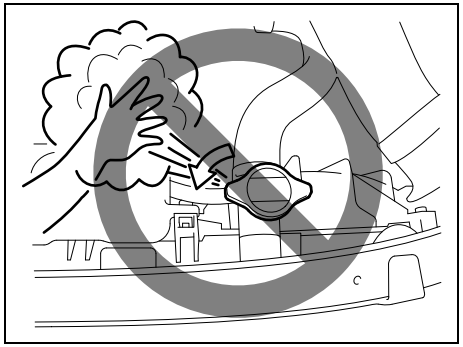
⚠ WARNING

If you see or hear escaping steam, stop the vehicle in a safe place and immediately turn off the engine to cool it. Do not open the hood when steam is present. When the steam can no longer be seen or heard, open the hood to see if the coolant is still boiling. If it is, you must wait until it stops boiling before you proceed.

If the high engine coolant temperature warning light does not go off or the temperature indication does not come down to within the normal, acceptable range:

1) Turn off the engine and check that the water pump belt and pulleys are not damaged or slipping. If any abnormality is found, correct it.
2) Check the coolant level in the reservoir. If it is found to be lower than “LOW” line, check radiator, water pump, radiator hoses and heater hoses for leakage. If leakage that may cause overheating is found, do not run the engine until these problems have been corrected.
3) If leakage is not found, carefully add coolant to the reservoir and then the radiator, if necessary. (Refer to “Engine coolant” in “INSPECTION AND MAINTENANCE” section.)

NOTE:
If engine overheats and you are not sure what to do, contact Your Toyota Dealer.



79J007

⚠ WARNING

- **It is hazardous to remove the radiator cap when the water temperature is high, because scalding fluid and steam may be blown out under pressure. The cap should only be taken off when the coolant temperature has lowered.**
- **To help prevent personal injury, keep hands, tools and clothing away from the engine cooling fan and air-conditioner fan. These electric fans can automatically turn on without warning.**

Hybrid System Trouble: Does not Start

Reasons for the hybrid system not starting vary depending on the situation. Check the following and perform the appropriate procedure:
Contact Your Toyota Dealer if the problem cannot be repaired, or if repair procedures are unknown.

Hybrid System will not Start even though the Correct Starting Procedure is Being Followed

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

- The shift lever may not be in P.
- When you press the power switch, you may not press the brake pedal firmly.
- The remote controller may not be functioning properly.
- The remote controller may not be in a detectable location in the car.
- The 12-volt battery may be discharged.
- There may not be sufficient fuel in the vehicle's tank. Refuel the vehicle.
- There may be a malfunction in the immobilizer system.
- There may be a malfunction in the steering lock system.
- The hybrid system may be malfunctioning due to an electrical problem such as remote controller battery depletion or a blown fuse. However, depending on the type of malfunction, an interim measure is available to start the hybrid system.
- The temperature of the hybrid battery (traction battery) may be extremely low (below approximately -15°C [5°F]).

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 12-volt battery may be discharged.
- The 12-volt battery terminal connections may be loose or corroded.

Interior Lights and Headlights do not Turn on, or the Horn does not Sound

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

- The 12-volt battery may be discharged.
- One or both of the 12-volt battery terminals may be disconnected.

Hybrid System Trouble: Overheating

The following may indicate that the hybrid system of your vehicle is overheating.
- A loss of hybrid system power is experienced. (For example, the vehicle speed does not increase.)
- “HYBRID SYSTEM HIGH TEMPERATURE HYBRID DRIVE RESTRICTED” is shown on the multi-information display.

Correction Procedures

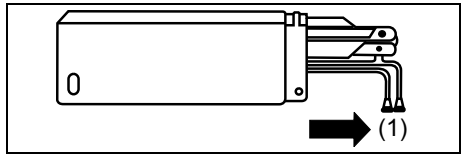
If “HYBRID SYSTEM HIGH TEMPERATURE HYBRID DRIVE RESTRICTED” is shown on the multi-information display
1) Stop the vehicle in a safe place.
2) Stop the hybrid system and carefully lift the hood.
3) After the hybrid system has cooled down, inspect the hoses and radiator core (radiator) for any leaks.

If a large amount of coolant leaks, immediately contact Your Toyota Dealer.

4) The inverter coolant level is satisfactory if it is between the “FULL” and “LOW” lines on the reservoir.
5) Add coolant if necessary. If water was added in an emergency, have the vehicle inspected at Your Toyota Dealer as soon as possible.
6) After stopping the hybrid system and waiting for 5 minutes or more, start the hybrid system again and check for the multi-information display.

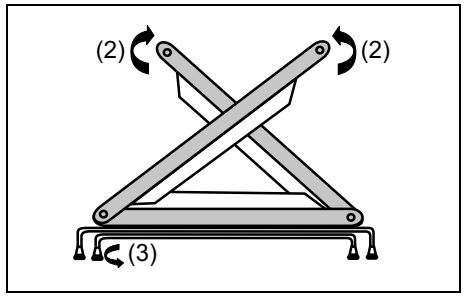
If the message does not disappear: Stop the hybrid system and contact Your Toyota Dealer.
If the message is not displayed: The hybrid system temperature has dropped and the vehicle may be driven normally.
However, if the message appears again frequently, contact Your Toyota Dealer.

Warning Triangle



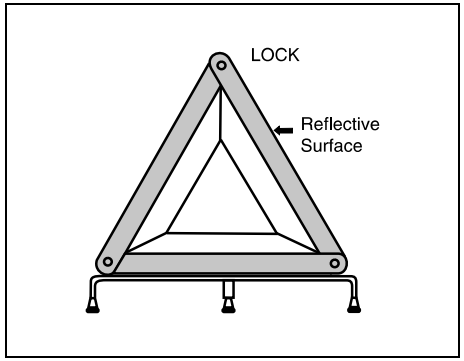
55T100010

In case of vehicle break-down or during emergency stopping, where, your vehicle could become a potential traffic hazard, keep the warning triangle, provided with your vehicle, on the road free from any obstacles behind your vehicle so as to warn the approaching traffic, at an approximate distance of 50-100 m. The reflecting side of the triangle should face the oncoming traffic. Please activate the hazard warning lamps before alighting the vehicle to keep the warning triangle.



55T100020

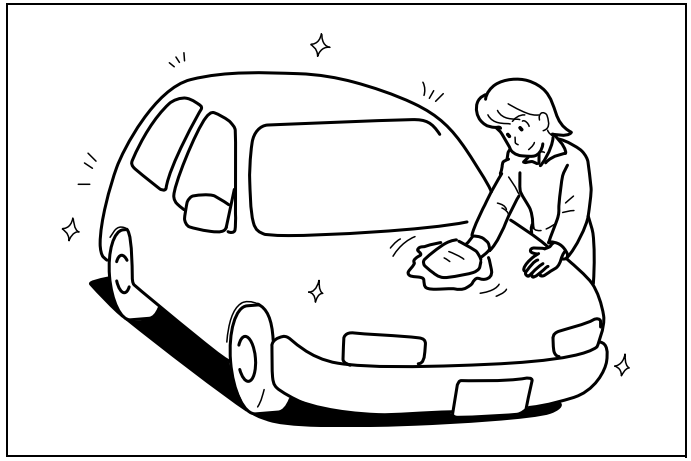
- Remove the warning triangle carefully from the cover as shown by arrow (1).
- Open both the reflector arms as shown by arrow (2) and lock the arms with each other with the clip provided in the right arm. Open the bottom stand in counter clock-wise direction as shown by arrow (3). Position the warning triangle behind the vehicle on a plain surface.
- Reverse the removal procedure for keeping inside the cover.



55T100030

MEMO

APPEARANCE CARE



60G412

Corrosion Prevention 11-1
Cleaning Exterior 11-2
Cleaning Interior 11-6

Corrosion Prevention

It is important to take good care of your vehicle to protect it from corrosion. Listed below are instructions for how to maintain your vehicle to prevent corrosion. Please read and follow these instructions carefully.

Important Information about Corrosion

Common causes of corrosion

1) Accumulation of road salt, dirt, moisture or chemicals in hard-to-reach areas of the vehicle underbody or frame.
2) Chipping, scratches and any damage to treated or painted metal surfaces resulting from minor accidents or abrasion by stones and gravel.

Environmental conditions which accelerate corrosion

1) Road salt, dust control chemicals, sea breeze or industrial pollution will all accelerate the corrosion of metal.
2) High humidity will increase the rate of corrosion particularly when the temperature range is just above the freezing point.
3) Moisture in certain areas of a vehicle for an extended period of time may promote corrosion even when other body sections are completely dry.
4) High temperatures will cause an accelerated rate of corrosion to parts of the vehicle which are not well-ventilated to permit quick drying.

This information illustrates the necessity of keeping your vehicle (particularly the underbody) as clean and dry as possible. It is equally important to repair any damage to the paint or protective coatings as soon as possible.

How to Help Prevent Corrosion

Wash your vehicle frequently

The best way to preserve the finish on your vehicle and to help avoid corrosion is to keep it clean with frequent washing.
Wash your vehicle at least once during the winter and once immediately after the winter. Keep your vehicle, particularly the underside, as clean and dry as possible.
If you frequently drive on salted roads, your vehicle should be washed at least once a month during the winter. If you live near the ocean, your vehicle should be washed at least once a month throughout the year.

For washing instructions, refer to “Cleaning Exterior” section.

Remove foreign material deposits

Foreign materials such as salts, chemicals, road oil or tar, tree sap, bird droppings and industrial fall-out may damage the finish of your vehicle if it is left on painted surfaces. Remove these types of deposits as quickly as possible. If these deposits are difficult to wash off, an additional cleaner may be required. Check that any cleaner you use is not harmful to painted surfaces and is specifically intended for your purposes. Follow the manufacturer’s directions when using these special cleaners.

Repair finish damage

Carefully examine your vehicle for damage to the painted surfaces. Should you find any chips or scratches in the paint, touch them up immediately to prevent corrosion from starting. If the chips or scratches have gone through to the bare metal, have a qualified body shop make the repair.

Keep passenger and luggage compartments clean
Moisture, dirt or mud can accumulate under the floor mats and may cause corrosion. Occasionally, check under these mats to ensure that this area is clean and dry. More frequent checks are necessary if the vehicle is used for off-road driving or in wet weather.
Certain cargos such as chemicals, fertilizers, cleaners, salts, etc. are extremely corrosive by nature. These products should be transported in sealed containers. If they are spilled or leaked, clean and dry the area immediately.

Park your vehicle in a dry, well-ventilated area
Do not park your vehicle in a damp, poorly-ventilated area. If you often wash your vehicle in the garage and place it there in wet condition, your garage may be damp. The high humidity in the garage may cause or accelerate corrosion. A wet vehicle may corrode even in a heated garage if the ventilation is poor.

⚠ WARNING

Do not apply additional undercoating or rust preventive coating on or around exhaust system components such as the catalytic converter and the exhaust pipes. It may catch a fire if the undercoating substance becomes overheated.

Cleaning Exterior

For Keeping the Paintwork Beautiful

To keep your vehicle's beautiful appearance for a long term, daily care is important.

- For parking and storing the vehicle, we recommend garages with good ventilation and locations with roofs.
- The following situations may cause rusting and discoloration of the paint. Wash your vehicle promptly.
  – When driving in coastal areas or on roads sprayed with antifreeze agent (Wash the underside of the vehicle and around the wheel wells especially)
  – When bird droppings, dead insects, sap, iron dust, soot or smoke residue, coal tar, etc., adhere to the paint or when the vehicle gets wet with acid rain
  – When the vehicle is dirty with dust or mud
- Give the vehicle a wax about once a month or whenever the water-repelling ability of the painted surfaces has declined. Follow all instructions on the package of the wax (sold separately).

NOTE:
Do not use wax on plastic parts that are not coated. Waxing these surfaces could result in a whitened or uneven appearance.



80J302

- Chips from flying rocks, scratches, etc. can cause rust. Repair these areas as soon as possible.

NOTICE

- **When repairing scratches on painted surfaces, consult Your Toyota Dealer. Using an inappropriate material for repair could cause damage to the paint.**
- **It is important that your vehicle be kept clean and free from dirt. Failure to keep your vehicle clean may result in fading of the paint or corrosion to various parts of the vehicle body.**

Washing

⚠ WARNING

- **Never attempt to wash and wax your vehicle with the engine running or the hybrid system activating.**
- **When cleaning the underside of the body and fender, where there may be sharp-edged parts, wear gloves and a long-sleeved shirt to protect your hands and arms from being cut.**
- **After washing your vehicle, carefully test the brakes before driving to check that they have maintained their normal effectiveness.**
- **Do not splash or spill liquid in the vehicle, such as on the floor, in the hybrid battery (traction battery) air intake vent, and in the luggage compartment. Doing so may cause the hybrid battery, electrical components, etc. to malfunction or catch fire.**

NOTICE



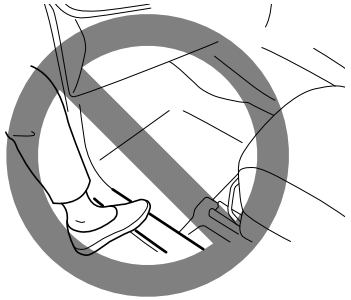
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- **When washing or waxing the vehicle, do not lean on the vehicle body or do not push it hard.**
  This might cause it to deform.

(Continued)

NOTICE

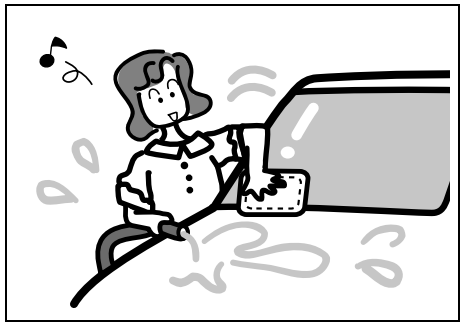
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- **When washing or waxing the vehicle, do not put your foot on the door opening.**
  This might cause it to damage.

Washing by hand



80J303

When washing the vehicle, park it in the place where direct sunlight does not fall on it as much as possible and follow the instructions below:

1) Flush the underside of body and wheel housings with pressurized water to remove mud and debris. Use plenty of water.

NOTICE

When washing the vehicle:
- **Avoid directing steam or hot water of more than 80°C (176°F) on plastic parts.**
- **For K15C engine model, to avoid damaging engine components, do not use pressurized water in the engine compartment.**

NOTICE

- **For M15D engine model, to avoid damaging the hybrid system components, do not apply water in the engine components.**

2) Rinse the body to loosen the dirt. Remove dirt and mud from the body exterior with running water. You may use a soft sponge or brush. Do not use hard materials which can scratch the paint or plastic. Remember that the headlight covers or lenses are made of plastic in many cases.

NOTICE

To avoid damage to the paint or plastic surface, do not wipe the dirt off without ample water. Follow the above procedure.

3) Wash the entire exterior with a mild detergent or car wash soap using a sponge or soft cloth. The sponge or cloth should be frequently soaked in the soap solution.

NOTICE

When using a commercial car wash product, observe the cautions specified by the manufacturer. Never use strong household detergents or soaps.

4) Once the dirt has been completely removed, rinse off the detergent with running water.
5) Wipe off the vehicle body with a wet chamois or cloth and allow it to dry in the shade.
6) Check carefully for damage to painted surfaces. If there is any damage, touch up the damage following the procedure below:
   1. Clean all damaged spots and allow them to dry.
   2. Stir the paint and touch up the damaged spots lightly using a small brush.
   3. Allow the paint to dry completely.

Washing by an automatic car wash

NOTICE

- **If you use an automatic car wash, check that your vehicle's body parts, such as antenna and spoilers, cannot be damaged. If you are in doubt, consult the car wash operator for advice.**
- **Do not wash a car with a roof end spoiler in an automatic car wash. It may get caught in the car wash and damage the spoiler.**

Washing by a high-pressure cleaner

NOTICE

If you use a high-pressure cleaner, keep away the nozzle from your vehicle sufficiently.

- **Pointing the nozzle to the surrounding parts of camera can allow water to enter the camera.**
  This may cause a fire, malfunction, dew condensation, etc.
- **For vehicle with 360 view camera or rear view camera, do not point to the nozzle to the camera.**
- **Bringing the nozzle to your vehicle too close or pointing the nozzle to the opening of front grill or bumper etc. can cause damage and malfunction of the vehicle body and parts.**
- **Pointing the nozzle to door glasses and door frames can allow water to enter the cabin.**

Caring for the Windshield

If an oil film, etc. adheres to the windshield and the windshield wipers cannot clean it, use a glass cleaner (sold separately) to clean the windshield by hand.

Caring for Lights

Wash the lens part of light and wipe it off with a soft cloth.

NOTICE

- **Do not use the detergent including organic solvent on the lens surface of the light. The lens surface may be cracked.**
  If you use the detergent including organic solvent, rinse it off with ample water.
- **Do not wipe the lens surface by wax or a hard brush. This may damage the lens or hasten its deterioration.**

Caring for Cameras

Wash the lens part of camera and wipe it off with a soft cloth. If the lens part is very dirty, use a mild detergent.

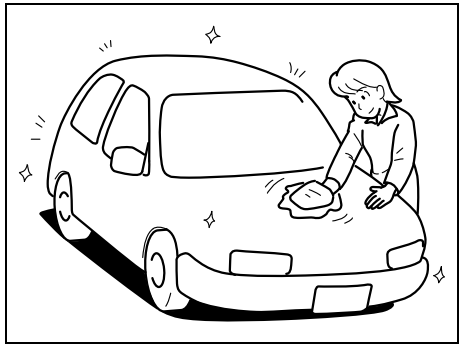
NOTICE

- **Using alcohol, benzine, thinner etc. to wipe the camera may cause discoloration.**
  When you wipe the camera, do not use alcohol, benzine, thinner etc.
- **Hard coating is used for the lens of camera not to be easily scratched. However, if you use the brush for a vehicle, it may be difficult for you to see the image on the 360 view camera.**
  Be very careful not to scratch the lens.
- **The resin cover of the camera may be damaged if an organic solvent adheres to the camera.**
  Do not let organic solvent, body wax, oil film remover, or glass coating agent adhere to the product.
- **If the camera is subjected to a sudden temperature change, it may be damaged.**
  Do not expose the camera to sudden temperature changes such as melting frozen snow with hot water.

Caring for Aluminum Wheels

NOTE:
- *Do not use an acidic or alkaline detergent, or a cleaner containing petroleum solvent to wash aluminum wheels. These types of cleaners will cause permanent spots, discoloration and cracks on the finished surface and damage to the center cap.*
- *Do not use a bristle brush and a soap containing an abrasive material. These will damage the finished surface.*

Waxing



60G412

After washing the vehicle, waxing and polishing are recommended to further protect and beautify the paint.

- Only use waxes and polishes of good quality.
- When using waxes and polishes, observe the precautions specified by the manufacturers.

Cleaning Interior

- Clean out any dirt, sand, etc. using a vacuum cleaner, or wipe off the surfaces using a soft cloth moistened with cold or lukewarm water. If the interior is left dirty, scratches can occur.
- Quickly clean off any liquids such as those from air fresheners or spilled beverages by using tissue paper or a soft cloth. Leaving spilled liquids can cause staining, discoloration or cracking.

⚠ WARNING

- **Do not spray the interior with water or other liquids. If the navigation equipment, audio components, switches, wiring under the floor, or other electrical parts become wet, there is a risk of fire or malfunction, and the SRS airbag system could fail to function normally.**
  If you pour water or spill a drink in the vehicle, consult Your Toyota Dealer as soon as possible for inspection.

NOTICE

- **Do not use chemical products containing the following ingredients. Doing so may cause staining, discoloration, deformation, or a deterioration in strength, etc.**
  - **– Solvents such as benzine, gasoline, thinner, or sticker peeling agents**
  - **– Acidic or alkaline detergents**
  - **– Bleaches or dyes**
- **Do not use chemical products that include silicone for cleaning the areas around the air conditioner, electronic equipment such as the audio or navigation systems or switches. Contact with silicone may cause them to malfunction.**
- **Do not leave colored leather goods, furs, vinyl articles, etc. in your vehicle for long periods. Doing so could cause discoloration or deformation of the interior.**

NOTE:
To prevent liquid-based air fresheners from spilling, it is recommended to fix their containers in place, or use solid-type air fresheners instead.

Vinyl Upholstery

Prepare a solution of soap or mild detergent dissolved in warm water. Apply the solution to the vinyl with a sponge or soft cloth and let it soak for a few minutes to loosen dirt.
Rub the surface with a clean, damp cloth to remove dirt and the soap solution. If some dirt still remains on the surface, repeat this procedure.

Fabric Upholstery

Remove loose dirt with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial fabric cleaner for tougher stains. If you use a fabric cleaner, carefully follow the manufacturer's instructions and precautions.

Leather Upholstery

Remove loose dirt with a vacuum cleaner. Using a mild soap or saddle soap solution, wipe dirt off with a clean damp soft cloth. To remove soap, wipe the areas again with a soft cloth dampened with water. Wipe the areas dry with a soft dry cloth. Repeat this until the dirt or stain is removed, or use a commercial leather cleaner for tougher dirt or stains. If you use a leather cleaner, carefully follow the manufacturer's instructions and precautions. Do not use solvent type cleaners or abrasive cleaners.

NOTE:
- *In order to keep the leather upholstery looking good, it should be cleaned at least twice a year.*
- *If the leather upholstery becomes wet, immediately wipe it dry with a tissue paper or a soft cloth. Water may cause the leather to harden and shrink if it is not wiped off.*
- *When parking on sunny days, select a shady place or use a sunshade. If the leather upholstery is exposed to the direct sunlight for a long time, it may discolor and shrink.*
- *As is common with natural materials, leather is inherently irregular in grain and cowhide has spots in its natural state. These do not affect the performance of the leather in any way.*

Seat Belts

Clean seat belts with mild soap and water. Do not use bleach or dye on the belts. They may weaken the fabric of the belts.

Vinyl Floor Mats

Ordinary dirt can be removed from vinyl with water or the mild soap. Use a brush to help loosen dirt. After the dirt is loosened, rinse the mat thoroughly with water and dry it in the shade.

Carpets

Remove the dirt and soil as much as possible with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial carpet cleaner for tougher stains. If you use a carpet cleaner, carefully follow the manufacturer's instructions and precautions.

Instrument Panel and Console

Remove loose dirt with a vacuum cleaner. Gently wipe dirt off with a tightly squeezed damp clean cloth. Repeat this until the dirt is removed.

NOTICE

- **Do not use chemical products that contain silicon to wipe electrical components such as the air conditioning system, audio, navigation system, or other switches. These will cause damage to the components.**
- **Liquids such as liquid aromatics, soft drinks or juice may cause discoloration, wrinkles, and cracking to resin-based parts and textiles. Immediately wipe it dry with tissue paper or a soft cloth.**
- **Do not leave leather products with color, fur or vinyl products, etc. in your vehicle for long periods. It may cause discoloration or deterioration of interior.**

Inside of the Tailgate Window

NOTE:
Wipe the window along the antenna wires or heat wires by a soft cloth dampened with water to avoid damaging these wires.

Head-up Display

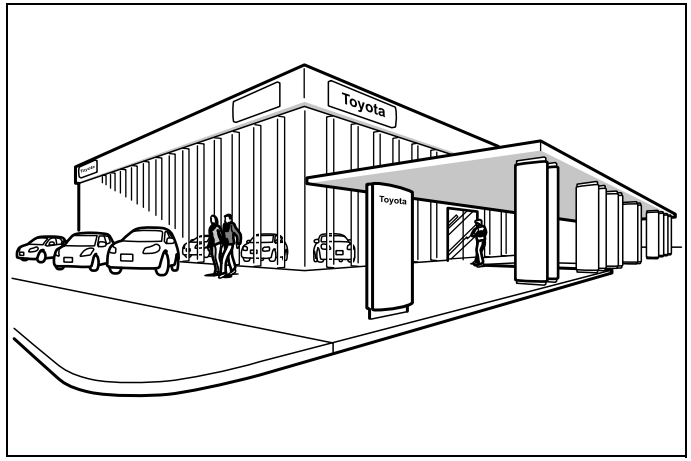
The surface of the display is coated, so please wipe off the dirt with a soft cloth like an eyeglass wipe.

NOTICE

- **Do not use a hard cloth or detergent as it may damage the display or the surface coating.**
- **Do not apply too much force when wiping the display or mirror, as it may damage it.**

MEMO

SPECIFICATIONS

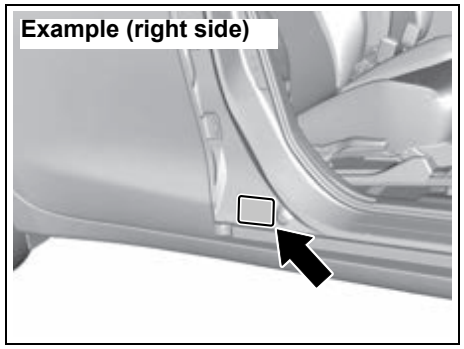


76TS120010

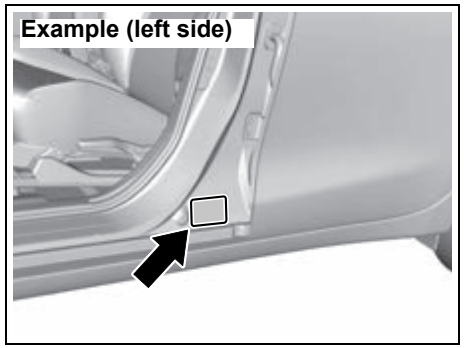
Vehicle Identification **12-1**
Fuel Recommendation **12-2**
Specifications **12-4**

Vehicle Identification

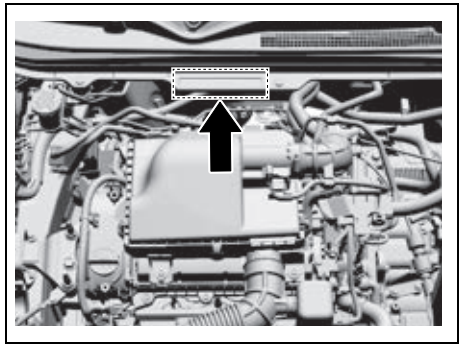
Chassis Serial Number



55T120020



55T120030

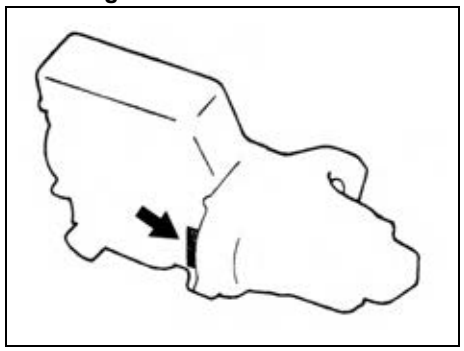


76TS120030

The chassis and/or engine serial numbers are used to register the vehicle. They are also used to assist Your Toyota Dealer when ordering or referring to special service information. Whenever you have occasion to consult Your Toyota Dealer, remember to identify your vehicle with this number. Should you find the number difficult to read, you will also find it on the identification plate.

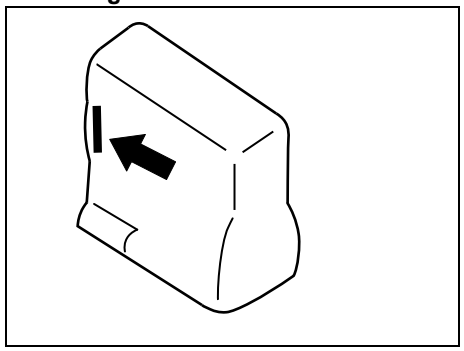
Engine Serial Number

K15C Engine



60G128

M15D Engine

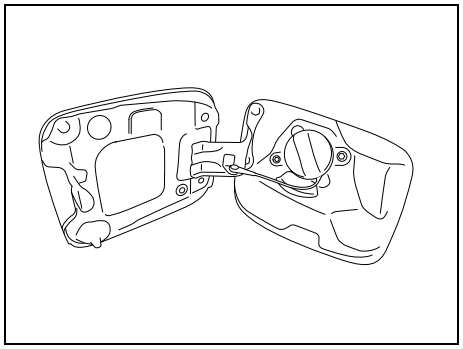


76TS120050

The engine serial number is stamped on the cylinder block as shown in the illustration.

Fuel Recommendation

Gasoline Engine



76TS120061

K15C engine model
To avoid damaging catalytic converter, you must use unleaded gasoline with an octan number (RON) of 91 or higher.

M15D engine model
To avoid damaging catalytic converter, you must use unleaded gasoline with an octan number (RON) of 95 or higher.

Gasoline/Ethanol blends
Blends of unleaded gasoline and ethanol, also known as gasohol, are commercially available in the country and can vary with location. Gasoline Ethanol blend up to E20 can be used as fuel for this vehicle.

Gasoline containing MTBE
Unleaded gasoline containing MTBE (methyl tertiary butyl ether) may be used in your vehicle if the MTBE content is not greater than 15%. This oxygenated fuel does not contain alcohol.

⚠ CAUTION

Use of spurious, low quality, adulterated fuel can cause damage to the engine and engine auxilliaries, affect functioning of engine and degrade engine performance including but not limited to engine seizure.

NOTICE

- **The fuel tank has an air space to allow for fuel expansion in hot weather. If you continue to add fuel after the filler nozzle has automatically shut off or an initial blowback occurs, the air chamber will become full. Exposure to heat when fully fuelled in this manner will result in leakage due to fuel expansion. To prevent such fuel leakage, stop filling after the filler nozzle has automatically shut off, or when initial vent blowback occurs, if using an alternative non-automatic system.**
- **Be careful not to spill fuel containing alcohol while refueling. If fuel is spilled on the vehicle body, wipe it up immediately. Fuels containing alcohol can cause paint damage, which is not covered under the New Vehicle Limited Warranty.**

Specifications

NOTE:
Specifications are subject to change without notice.

M/T: Manual transmission
A/T: Automatic transmission
e-CVT: e-CVT transmission

ITEM: Dimensions		**UNIT: mm (in.)**
Overall length		4365 (171.9)
Overall width		1795 (70.7)
Overall height		1645 (64.8)
Wheelbase		2600 (102.4)
Track	Front	1530 (60.2)
	Rear	1535 (60.4)

ITEM: Mass (weight)			UNIT: kg (lbs)
Curb mass (weight)	K15C M/T 2WD		1155─1185 (2546─2612)
	K15C M/T 4WD		1255 (2767)
	K15C A/T		1190─1210 (2624─2668)
	M15D e-CVT		1265─1295 (2789─2855)
Gross vehicle mass (weight) rating	K15C M/T 2WD		1645 (3627)
	K15C M/T 4WD		1715 (3781)
	K15C A/T		1675 (3693)
	M15D e-CVT		1745 (3847)
Permissible maximum Axle Weight	Front	K15C M/T 2WD	845 (1863)
		K15C M/T 4WD	900 (1984)
		K15C A/T	875 (1929)
		M15D e-CVT	895 (1962)
	Rear	K15C M/T 2WD	840 (1852)
		K15C M/T 4WD	895 (1973)
		K15C A/T	835 (1841)
		M15D e-CVT	900 (1984)

ITEM: Engine		
Type	K15C	M15D
Number of cylinders	4	3
Bore	74.0 mm (2.91 in.)	80.5 mm (3.17 in.)
Stroke	85.0 mm (3.35 in.)	97.6 mm (3.84 in.)
Piston displacement	1462cm^3 (1462 cc, 89.2 cu.in)	1490 cm^3 (1490 cc, 90.9cu.in)
Compression ratio	13.0 : 1	14.0 : 1

ITEM: Electrical			
Engine type		K15C	M15D
Standard spark plug		NGK ILZKR6Q11	DENSO FC16HR-Q8
Lead-acid battery	Gasoline	N55 20HR 45Ah CCA 480A (JIS)*1	34B19L 20HR 33Ah CCA 240A (JIS)
	CNG	34B19L 20HR 33Ah CCA 240A (JIS)	–
Lithium-ion battery		Maintenance free*2	Maintenance free*2
Fuses		See “INSPECTION AND MAINTENANCE” section.	

*1:Your vehicle is equipped with a lead-acid battery for exclusive use of the ENG A-STOP system. When replacing the lead-acid battery, make sure to select the specified type for ENG A-STOP system. Consult Your Toyota Dealer for replacing the lead-acid battery.
*2: If the lithium-ion battery or high voltage battery is completely discharged, the battery cannot be recharged. When replacing or disposing the lithium-ion battery or high voltage battery, consult Your Toyota Dealer.

ITEM: Lights			WATTAGE	BULB No.
Headlight	Low / High beam	Halogen type	12V 55W	HIR2
		LED type*1	LED	–
Position light*1			LED	–
Front turn signal light*1			LED	–
Daytime running light*1			LED	–
Tail/brake light*1			LED	–
Rear turn signal light			12V 21W	PY21W
Rear reversing light			12V 21W	P21W
High mount stop light*1			LED	–
License plate light			12V 5W	W5W
Side turn signal light*1			LED	–

If you need to replace the following bulbs indicated in the above table, consult Your Toyota Dealer.

*1: Since the lights are non-disassemble type, you cannot replace a bulb. Replace the target assembly if any light is defective.

ITEM: Lights		WATTAGE	BULB No.
Interior light	Front (without overhead console)	12V 5W	W5W
	Front (with overhead console)	LED	–
	Vanity mirror light (if equipped)	12V 3W	–
	Luggage compartment (if equipped)	12V 5W	W5W
	Instrument panel assistant side ornament light*1 (if equipped)	LED	–
	Courtesy light (if equipped)	12V 5W	W5W
	Glove box light (if equipped)	12V 1.4 W	T5
	Front footwell light*1 (if equipped)	LED	–
	Rear roof light	12V 5W	W5W
	Front / Rear door ambient light*1 (if equipped)	LED	–

If you need to replace the following bulbs indicated in the above table, consult Your Toyota Dealer.

*1: Since the lights are non-disassemble type, you cannot replace a bulb. Replace the target assembly if any light is defective.

ITEM: Wheels and tyres		
Tyre size, front and rear	215/60R17 96H*1	
Rim size	with steel wheels	17X6 1/2J
	with aluminum wheels	17X6 1/2J
Tyre pressures	For the specified tyre pressure, see the tyre information label located on the driver's door lock pillar.	
Recommended snow chain	Radial thickness: 10 mm, axial thickness: 10 mm	
Recommended snow tyre	215/60R17*2	

*1: If you cannot prepare tyres with the specified load index rate and speed symbol, prepare tyres with higher load index rate and speed symbol.
*2: If you prepare snow tyres;
- Check that they are tyres of the same size, structure and load capacity as the originally installed tyres.
- Mount the snow tyres on all four wheels.
- Understand that the maximum permissible speed of snow tyres is generally less than the originally installed tyres.

Consult Your Toyota Dealer.

SPECIFICATIONS

The capacities listed below are approximate guide. The actual amount when replacing may differ.

ITEM: Recommended fuel / lubricants				Capacity
Fuel			See “FUEL RECOMMENDATION” section.	45 L (9.7 Imp gal)
Engine oil	K15C Engine		Classification: API SN or SP ILSAC GF-6 Viscosity: SAE 0W-16	3.3 L (5.8 Imp pt) (replacement with oil filter)
	M15D Engine		Classification: API SN, SN PLUS or SP ILSAC GF-6B Viscosity: SAE 0W-16	3.4 L (6.0 Imp pt) (replacement with oil filter)
Engine coolant	K15C M/T		Super Long Life Coolant	4.2 L (7.4 Imp pt) (including reservoir tank)
	K15C A/T			4.4 L (7.7 Imp pt) (including reservoir tank)
	M15D e-CVT			4.8 L (8.4 Imp pt) (including reservoir tank)
Inverter coolant	M15D		Super Long Life Coolant	1.9 L (3.3 Imp pt)
Manual transmission oil			“Toyota Genuine Manual Transmission Gear Oil 75W”	2.6 L (4.6 Imp pt)
Automatic transmission oil		A/T	“Toyota AT Oil AW-1”	5.8 L (10.2 Imp pt)
		e-CVT	AUTO FLUID WS	2.6 L (4.6 Imp pt)
Transfer oil	4WD	A/T	“Toyota Genuine Manual Transmission Gear Oil 75W-85”	0.85 L (1.5 Imp pt)
Rear differential oil	4WD		“Toyota Genuine Manual Transmission Gear Oil 75W-85”	0.73 L (1.3 Imp pt)
Brake fluid / Clutch fluid	K15C Engine		SAE J1703 or DOT3	–
	M15D Engine		“Brake Fluid DOT3”	–
Windshield washer fluid			–	2.5 L (4.4 Imp gal)

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