QUICK REFERENCE GUIDE

4RUNNER

2022

2022

4RUNNER

This Quick Reference Guide is a summary of basic vehicle operations. It contains brief descriptions of fundamental operations so you can locate and use the vehicle's main equipment quickly and easily.

The Quick Reference Guide is not intended as a substitute for the Owner's Manual located in your vehicle's glove box. We strongly encourage you to review the Owner's Manual and supplementary manuals so you will have a better understanding of your vehicle's capabilities and limitations.

Your dealership and the entire staff of Toyota Motor North America, Inc. wish you many years of satisfied driving in your new 4Runner.

A word about safe vehicle operations

This Quick Reference Guide is not a full description of 4Runner operations. Every 4Runner owner should review the Owner's Manual that accompanies this vehicle.

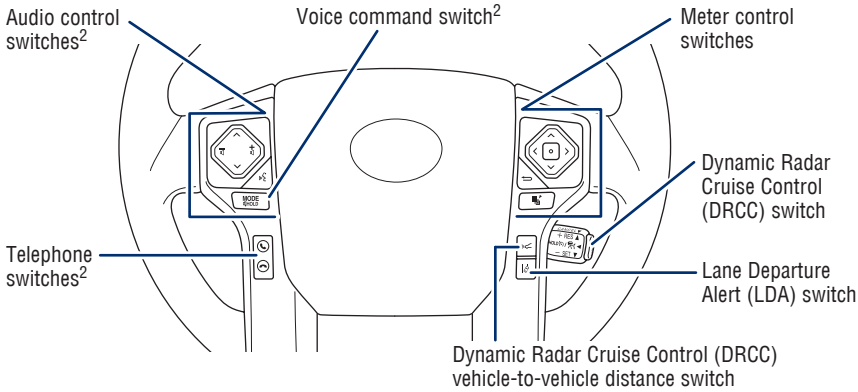
Pay special attention to the boxed information highlighted in color throughout the Owner's Manual. Each box contains operating instructions to help you avoid injury or equipment malfunction.

All information in this Quick Reference Guide is current at the time of printing. Toyota reserves the right to make changes at any time without notice.

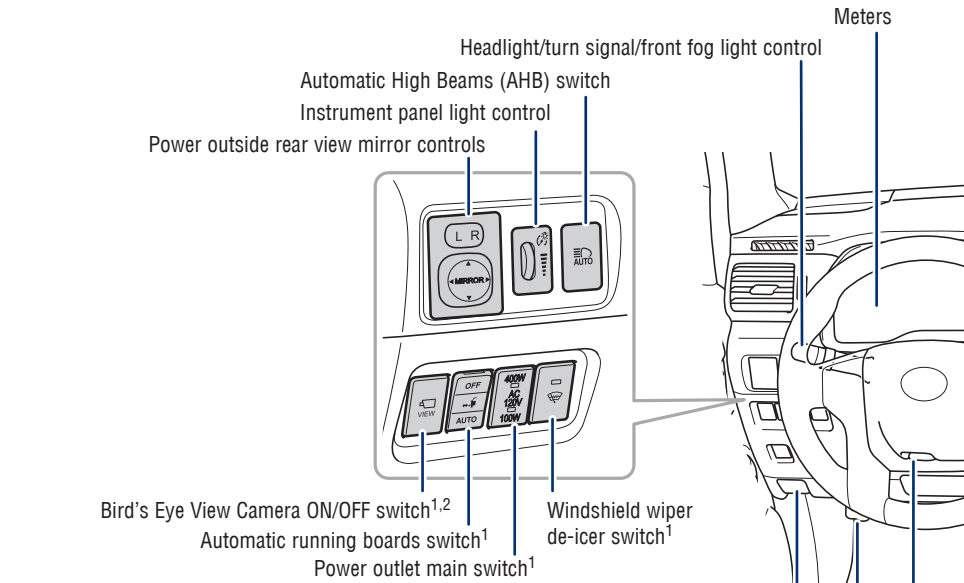
INDEX

[1] Visit your Toyota dealer for information on customizing this feature.
[2] Programmable by customer. Refer to the Owner's Manual for instructions and more information.
[3] HomeLink® is a registered trademark of Gentex Corporation.

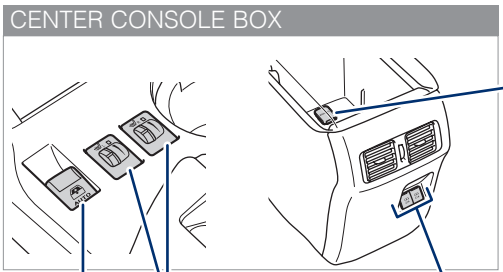
Instrument panel



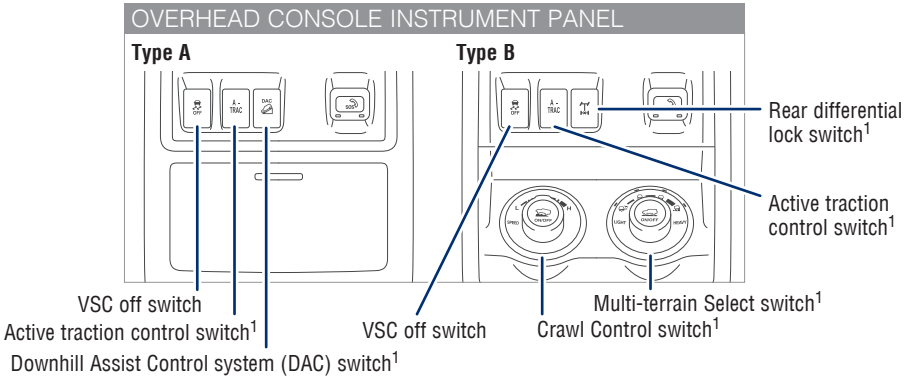
Steering wheel controls

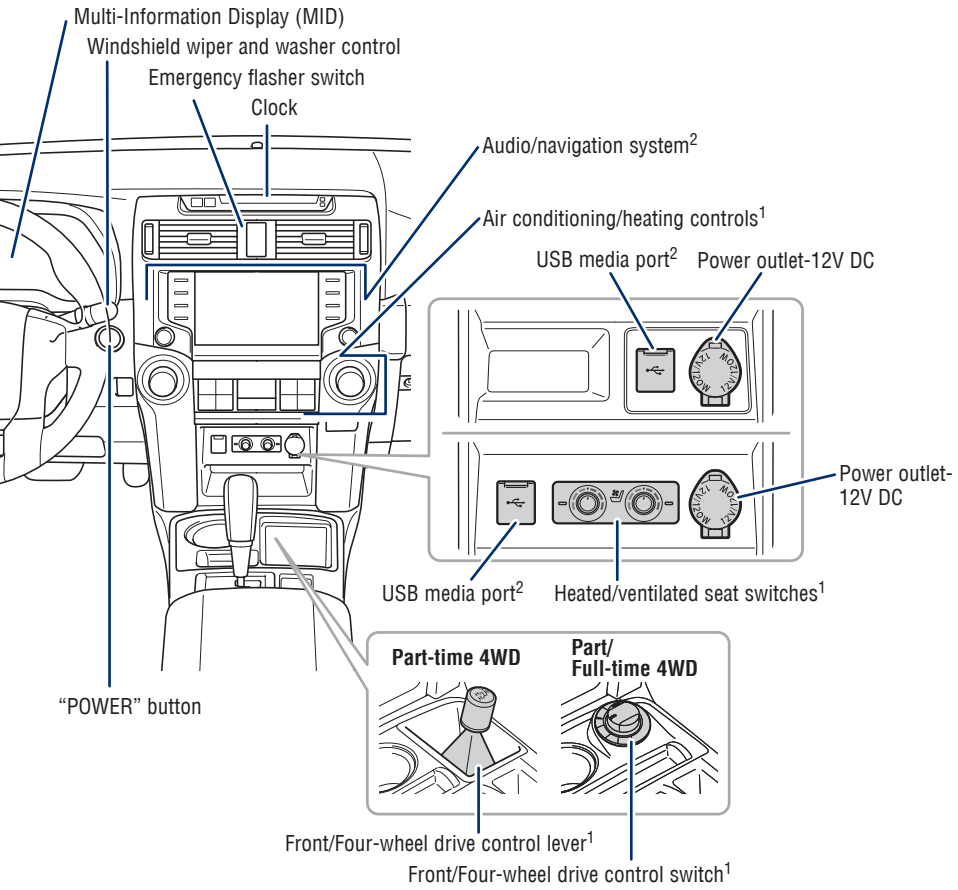


CENTER CONSOLE BOX

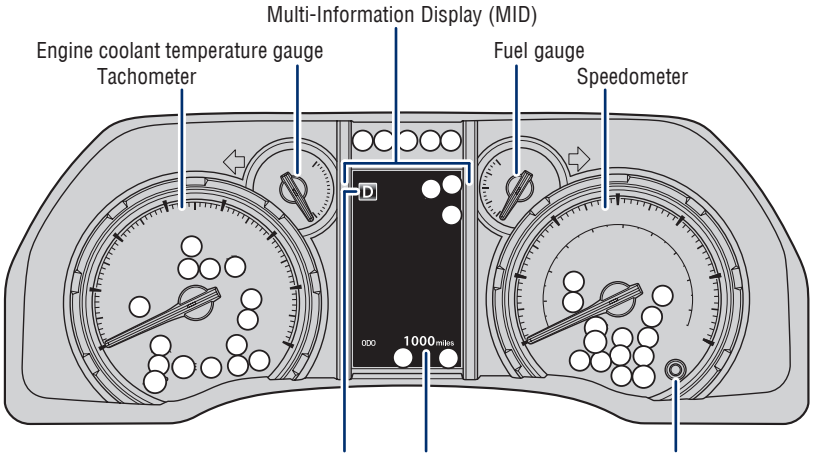


[1] If equipped
[2] For details, refer to the “Navigation and Multimedia System Owner’s Manual” or visit www.toyota.com/audio-multimedia for additional resources.





Instrument cluster



○ Service indicators and warning lights

Indicator symbols

For details, refer to "Warning lights and indicators," Section 2, 2022 Owner's Manual.

- A-TRAC — Active traction control (A-TRAC) indicator[5]
- AIR BAG OFF / AIR BAG ON — AIR BAG ON/OFF indicator[1]
- Air bag SRS warning[1]
- ABS — Anti-lock Brake System (ABS) warning[1]
- AUTO LSD — AUTO Limited Slip Differential (LSD)indicator[1,5]
- AUTO — Automatic High Beams (AHB) indicator
- Automatic running boards indicator[1,2,5]
- OFF — Blind Spot Monitor (BSM) OFF indicator[1,5]
- BSM outside rear view mirror indicator[1,5]
- Brake Override System/Drive-Start Control warning
- BRAKE — Brake system warning[1]
- Center differential lock indicator[3,5]
- Charging system warning[1]
- Crawl Control indicator[5]
- Constant speed cruise control/ Dynamic Radar Cruise Control (DRCC) indicator
- SET — Constant speed cruise control/ Dynamic Radar Cruise Control SET indicator
- Downhill Assist Control indicator[1,5]
- Driver's and/or front passenger's seat belt reminder (alarm will sound when the vehicle is on)

Eco Driving Indicator Light[1]


Four-wheel drive indicator[3,5]


Front fog light indicator


Fuel tank door position



Headlight low/high beam indicator


High coolant temperature warning

Kinetic Dynamic Suspension System (KDSS) warning[1,5]


Lane Departure Alert (LDA) indicator [green/amber[4]]


Low engine oil pressure warning


Low fuel level warning


Low tire pressure warning[1]

Low speed four-wheel drive indicator[3,5]

Malfunction/Check Engine indicator[1]


Master warning[1,2]


Multi-terrain select indicator[2,3,5]


Open door warning

Parking brake indicator[2]


Power steering system warning[1]

Pre-Collision System (PCS) warning[1,2]


Rear differential lock indicator[3,5]

Rear Cross Traffic Alert (RCTA) Indicator[2,5]


Security indicator


Slip indicator[1,4]

Traction Control OFF indicator[1]


Turn signal indicator

Unengaged Park warning[5]

Vehicle Stability Control (VSC) OFF indicator[1]

[1] If the indicator does not turn off within a few seconds of starting the vehicle, there may be a malfunction. Have the vehicle inspected by your Toyota dealer.

[2] If the indicator flashes, there may be a malfunction. Refer to the Owner's Manual.

[3] If the indicator flashes rapidly/continuously to indicate, there may be a malfunction. Refer to the Owner's Manual.

[4] If the indicator flashes, it indicates that the system is operating.

[5] If equipped.

Keyless entry

UNLOCKING OPERATION

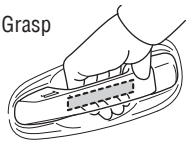
Push

ONCE: Driver door
TWICE: All doors

Carry Smart Key remote

Driver door unlock*

Grasp



NOTE: If a door is not opened within 60 seconds of unlocking, all doors will relock for safety.

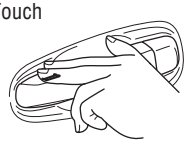
LOCKING OPERATION

Push

Carry Smart Key remote

All-door lock

Touch



PANIC BUTTON

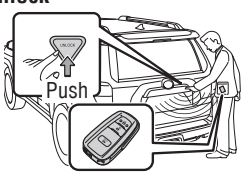
HOLD

Push and hold

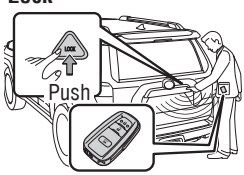
Carry Smart Key remote

BACK DOOR LOCK/UNLOCK (IF EQUIPPED)

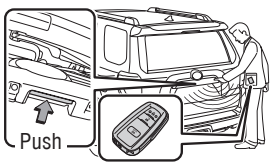
Unlock



Lock



Open



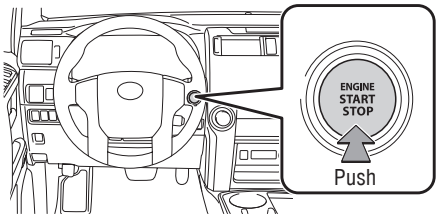
* Driver door unlocking function can be programmed to unlock driver door only, or all doors. Grasping front passenger door handle will unlock all doors.

Please refer to the Owner's Manual for more details on how to program the doors.

NOTE: Doors may also be locked/unlocked using remote.

Smart Key system

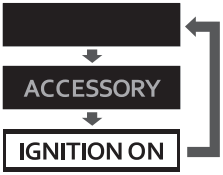
START FUNCTION



NOTE: The Smart Key must be carried to enable the start function. With the shift lever in Park and the brake pedal depressed, push the power button.

POWER (WITHOUT STARTING ENGINE)

Without depressing the brake pedal, pressing the power button will change the operation mode in succession from:

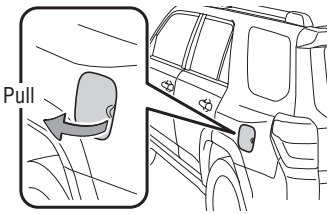


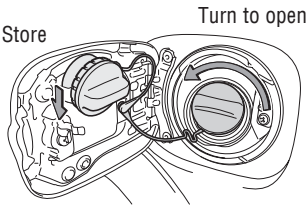
Off - All systems OFF. Emergency flashers can be used.

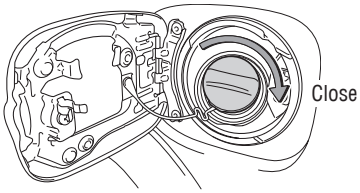
Accessory – Some electrical components can be used.

On - All electrical components can be used.

Fuel tank door release & cap

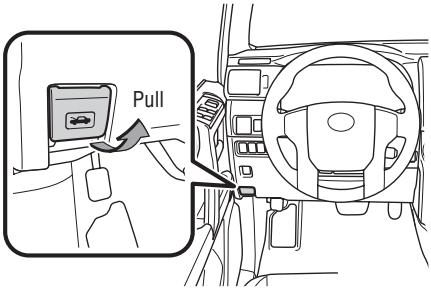


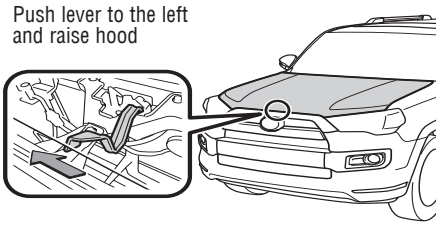




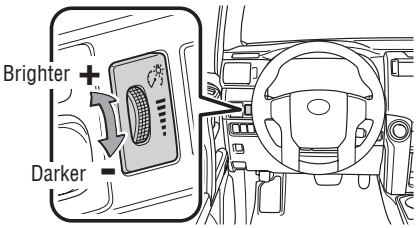
NOTE: Tighten until one click is heard. If the cap is not locked or tightened enough, the Check Engine indicator "CHECK" may illuminate.

Hood release

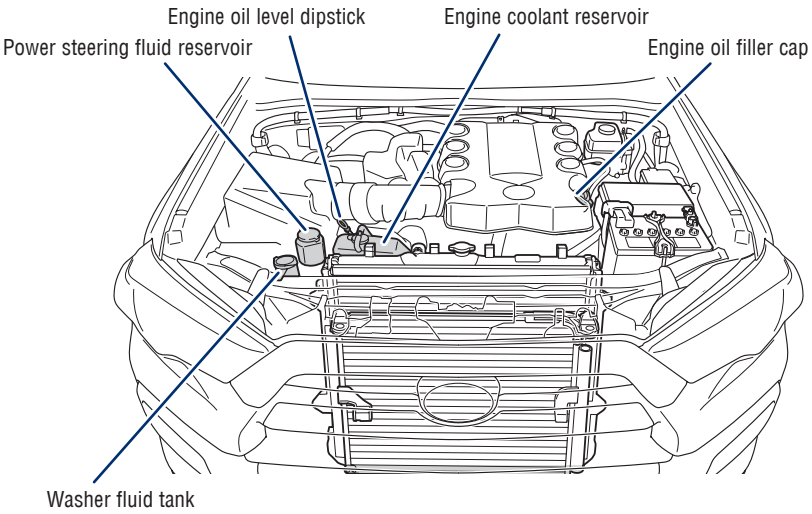




Instrument panel light control



Engine maintenance



NOTE: Regularly scheduled maintenance, including oil changes, will help extend the life of your vehicle and maintain performance. Please refer to the "Warranty & Maintenance Guide."

Auto lock/unlock

Automatic door locks can be programmed to operate in different modes, or turned OFF.

DEFAULT SETTING

Shift position linked door locking/unlocking function
-Doors lock when shifting from Park.
-Doors unlock when shifting into Park.

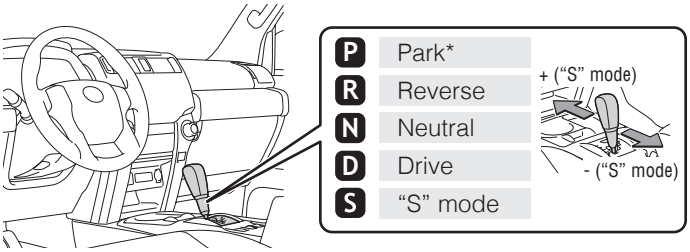
CUSTOMIZED SETTING

Speed linked door locking function
-Doors lock when the vehicle speed goes above approximately 12 mph (20 km/h) or higher.

Driver's door linked door unlocking function
-Doors unlock when the vehicle is set to OFF within 10 seconds of opening the driver's door.

Refer to the Owner's Manual for more details.

Automatic transmission



* The vehicle must be on and the brake pedal depressed to shift from Park.

"S" (SEQUENTIAL) MODE

Shift the shift lever to "S" position from "D" position.

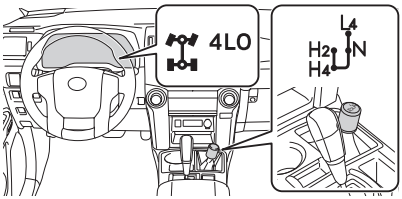
+: Upshift (push and release)
–: Downshift (pull and release)

Downshifting increases power going uphill, or provides engine braking downhill. For best fuel economy during normal driving conditions, always drive with the shift lever in the "D" position.

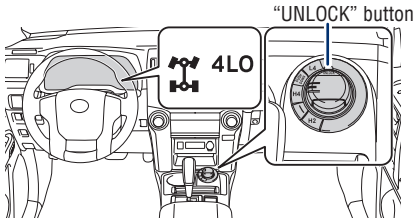
Four-wheel drive system (if equipped)

PART-TIME FOUR-WHEEL DRIVE MODELS

Type A (Shift the lever)



Type B (Push the "UNLOCK" button and turn)

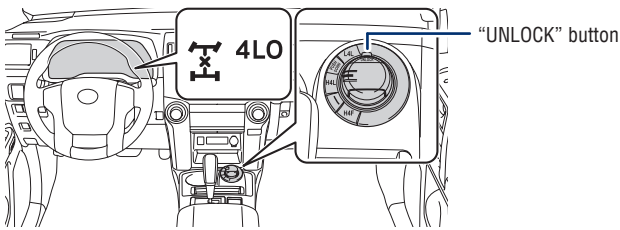


H2 **High speed (2WD)**
Shift the lever from "H4" to "H2" (type A) or push the "UNLOCK" button and turn the switch from "H4" to "H2" at any speed (type B.)
"" will go off.

H4 **High speed (4WD)**
- Shift the lever from "H2" to "H4" with speed below 50 mph (type A) or push the "UNLOCK" button and turn the switch from "H2" to "H4" with speed below 62 mph (type B.)
  "" will turn on.
- Stop the vehicle and shift to "N" position, then move the lever from "L4" to "H4" (type A) or push the "UNLOCK" button and turn the switch from "L4" to "H4" (type B.)
  "**4LO**" will go off.

L4 **Low speed (4WD)**
Stop the vehicle and shift to "N" position, then move the lever from "H4" to "L4" (type A) or push the "UNLOCK" button and then push and turn the switch from "H4" to "L4" (type B.)
"**4LO**" will turn on.

FULL-TIME FOUR-WHEEL DRIVE MODELS



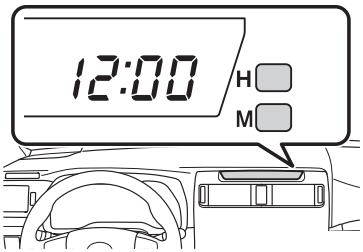
H4F **High speed**
Push the "UNLOCK" button and turn the switch between "H4L" and "H4F" at any speed.
"" will turn on (H4L) or go off (H4F).

H4L **High speed (Center differential locked)**
Stop the vehicle and shift to "N" position, push the "UNLOCK" button and turn the switch from "L4L" to "H4L."
Maintain this condition until "**4LO**" goes off.

L4L **Low speed (Center differential locked)**
Stop the vehicle and shift to "N" position, push the "UNLOCK" button and then push and turn the switch from "H4L" to "L4L."
Maintain this condition until "**4LO**" turns on.

Refer to the Owner's Manual for limitations and more details.

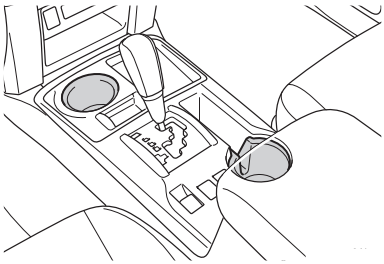
Clock



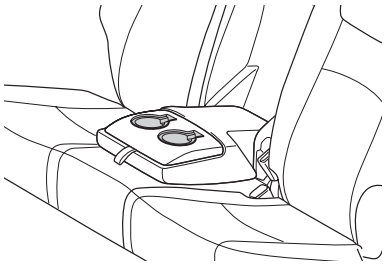
H- Hour set
M- Minute set

Cup holders

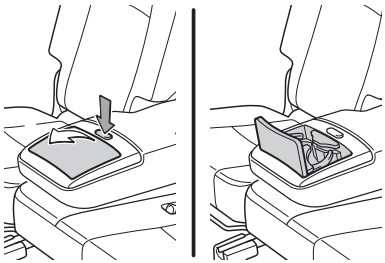
Front seat



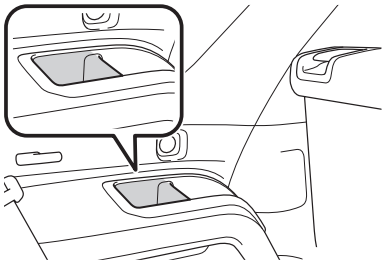
Rear seats (without third row seats)



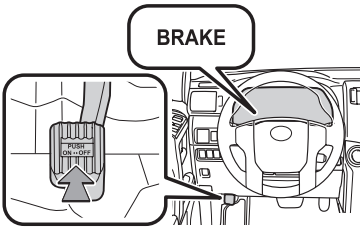
Rear seats (with third row seats)



Third row seats (if equipped)

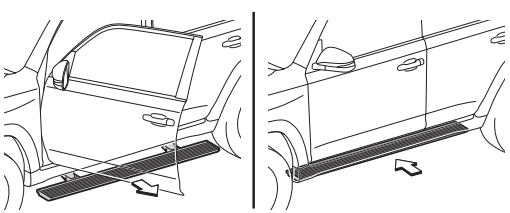


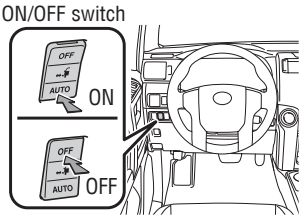
Parking brake



Set: Depress
Release: Depress again

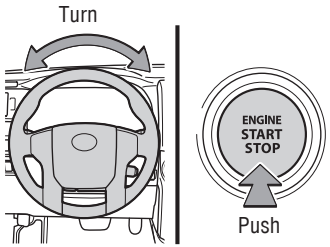
Automatic running boards (if equipped)





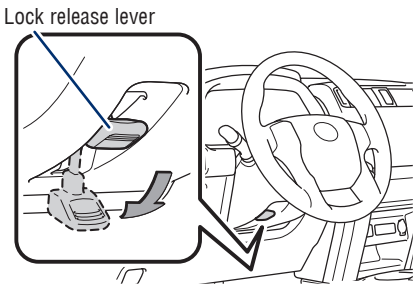
The automatic running boards are linked to side door operations. When a side door is opened or closed, the board on the same side extends or retracts.

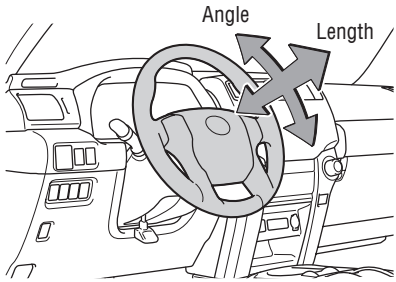
Steering lock release



When the steering lock cannot be released, “Push the power button while turning the steering wheel in either direction” will be displayed on the Multi-Information Display (MID). Press the power button shortly and firmly while turning the steering wheel left and right.

Tilt & telescopic steering wheel

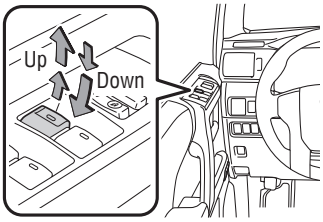


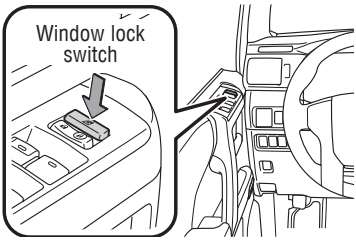


Hold the steering wheel, push the lever down, set angle and length, and return the lever.

NOTE: Do not attempt to adjust while the vehicle is in motion.

Power windows



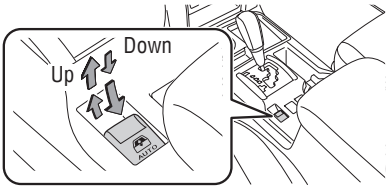


All window auto up/down
Push the switch completely down or pull it completely up and release to fully open or close. To stop the window partway, operate the switch in the opposite direction.

Window lock switch
Deactivates all passenger windows. Driver's window remains operable.

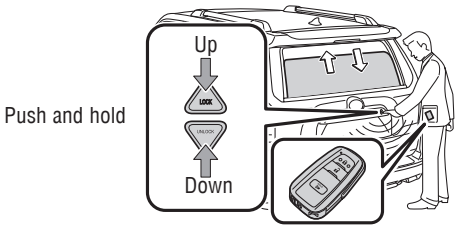
Power back window

OPERATING FROM INSIDE



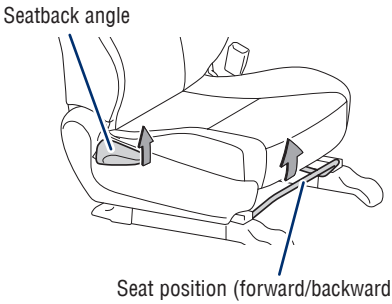
Auto up/down
Push the switch completely down or pull it completely up and release to fully open or close. To stop the window partway, operate the switch in the opposite direction.

OPERATING FROM OUTSIDE

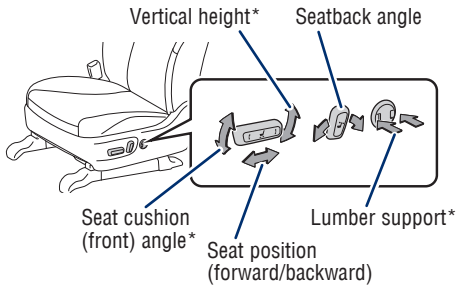


Seat adjustments-Front

MANUAL SEAT



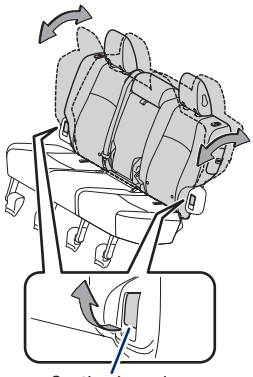
POWER SEAT



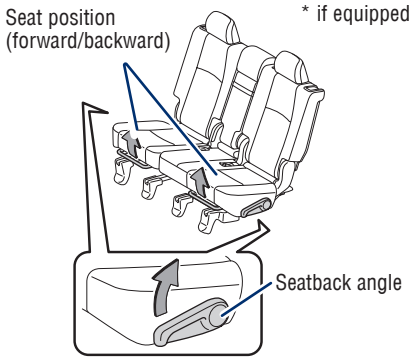
* Driver side only

Seat adjustments-Rear

VEHICLES WITH 2ND ROW SEATS



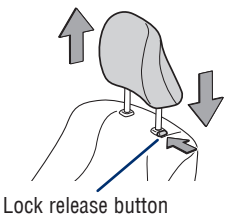
VEHICLES WITH 3RD ROW SEATS*



The third row seats do not have a seat adjustment function.

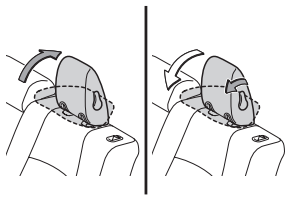
Seats-Head restraints

FRONT & 2ND ROW

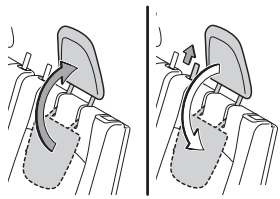


2ND ROW

Vehicles without 3rd row seats

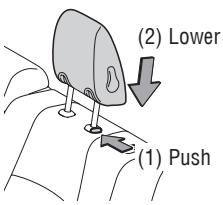


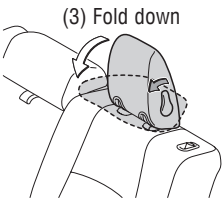
3RD ROW (IF EQUIPPED)

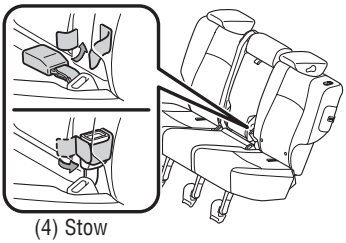


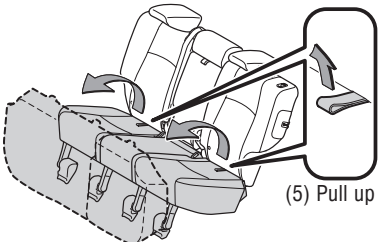
Rear seats-Folding

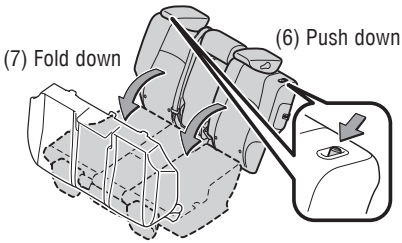
WITH 2ND ROW SEATS



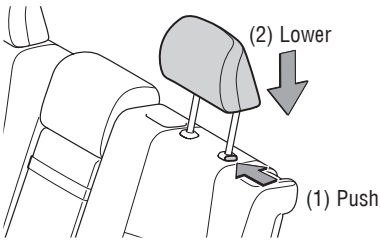


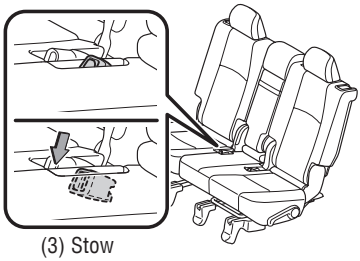


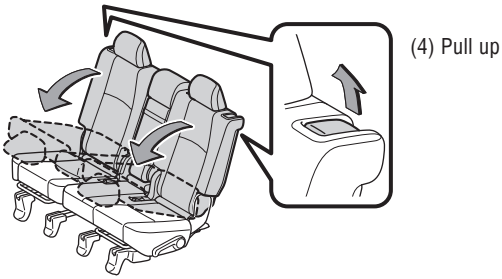




WITH 3RD ROW SEATS (IF EQUIPPED)

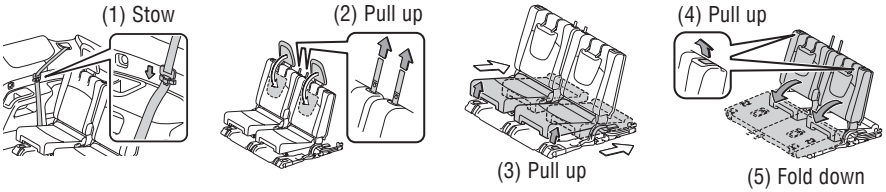




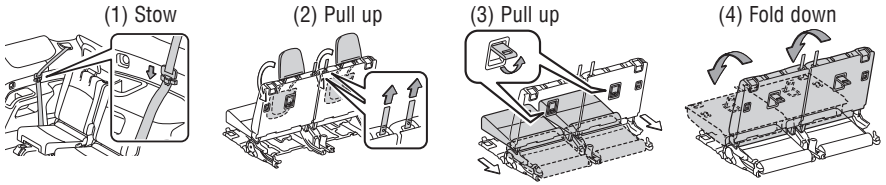


Seats-Stowing 3rd row (if equipped)

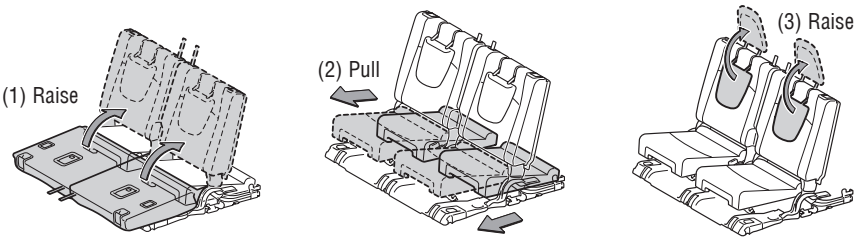
From inside



From outside



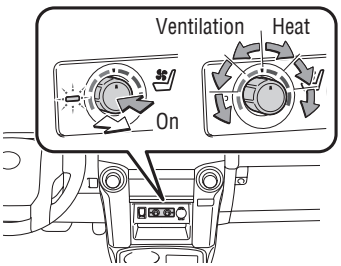
Seats-Returning 3rd row (if equipped)



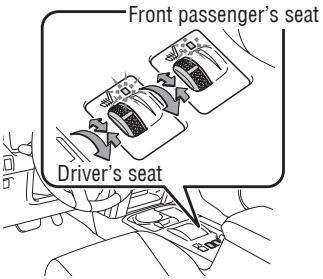
Heated/ventilated seats (if equipped)

FRONT SEATS

Heated and Ventilated



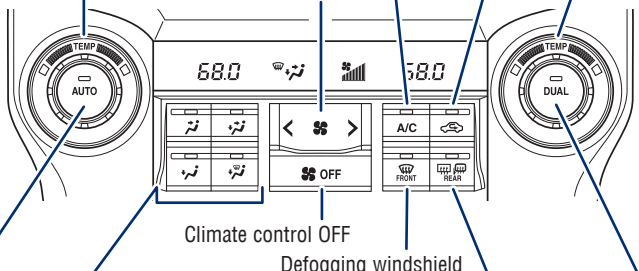
Heated only



The vehicle must be on for use.

Air conditioning/heating

AUTOMATIC AIR CONDITIONING (IF EQUIPPED)



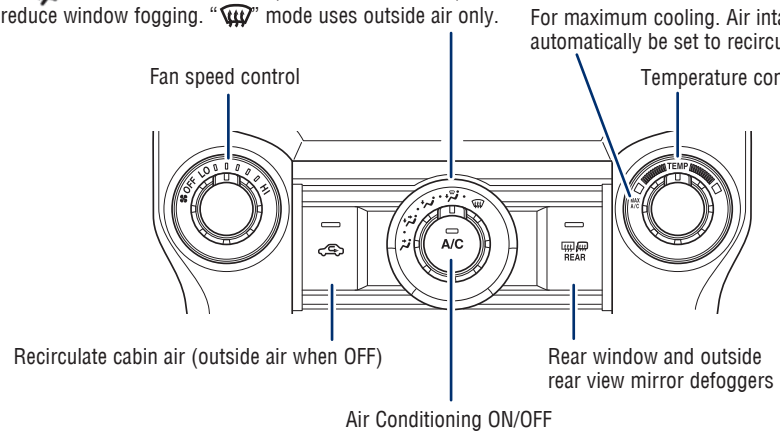
Airflow vent
In " " mode, use outside air (" " indicator OFF) to reduce window fogging. " " mode uses outside air only.

Automatic climate control ON
Adjust the temperature setting, and airflow vents and fan will adjust automatically to the set temperature.

"DUAL" Zone Climate Control button
Indicator ON: Separate temperature settings for driver and passenger.
Indicator OFF: Synchronize temperature settings for driver and passenger.

MANUAL AIR CONDITIONING (IF EQUIPPED)

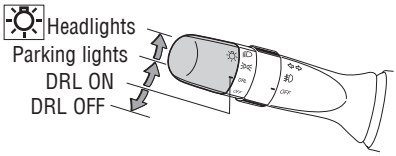
Airflow vent
In " " mode, use outside air (" " indicator OFF) to reduce window fogging. " " mode uses outside air only.



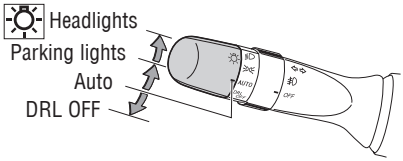
Lights & turn signals

HEADLIGHTS

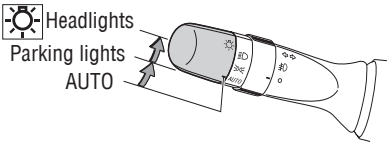
Type A

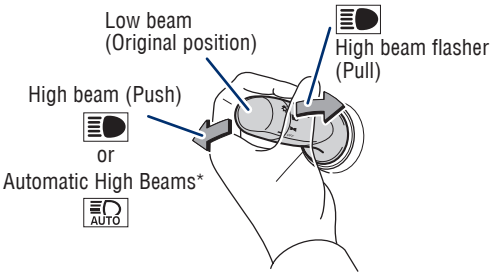


Type B



Type C





Daytime Running Light system (DRL) Automatically turns on under certain conditions to make vehicle more visible to other drivers. Not for use at night.

Automatic light cut off system

- Headlights are on: The lights will turn off automatically 30 seconds after the vehicle is turned from ON to “ACCESSORY” mode or off and a door is opened and closed. (If the lock switch on the Smart Key remote is pushed after all doors are closed, the lights will turn off immediately.)
- Only the tail lights are on: The tail lights will turn off automatically if the vehicle is turned from ON to “ACCESSORY” mode or off and the driver’s door is opened.

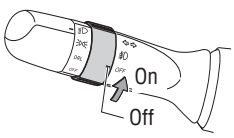
Automatic High Beams (AHB) system Automatically switches between high and low beams as appropriate to enhance vision at night. “

Refer to Toyota Safety Sense™ P (TSS-P) in this guide or the Owner’s Manual for more details on the Automatic High Beams feature.

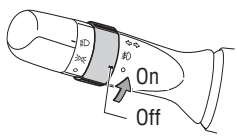
* Operating conditions must be met. Refer to the Owner’s Manual for details.

FRONT FOG LIGHTS

Type A

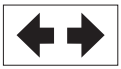


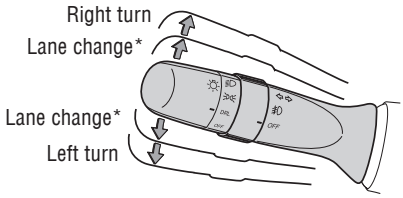
Type B



Front fog lights come on only when the headlights are on low beam.

TURN SIGNALS



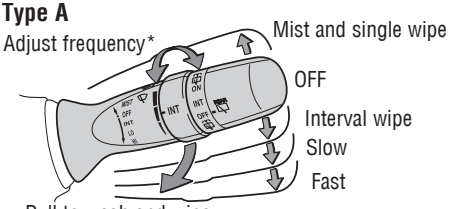


*Move lever partway and hold. The signals will flash until you release the lever.

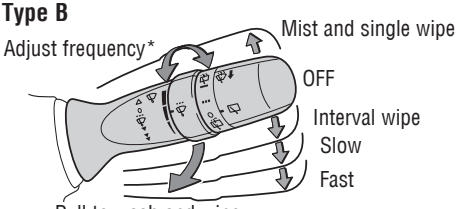
Windshield wipers & washers

FRONT

Type A



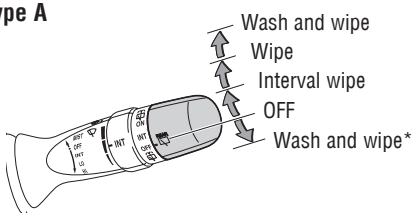
Type B



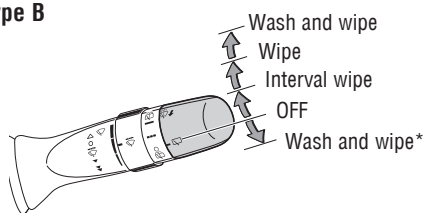
* **Intermittent windshield wiper frequency adjustment** Rotate to increase/ decrease wiper frequency.

REAR

Type A



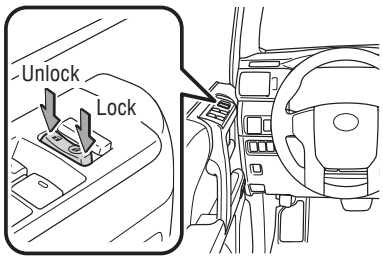
Type B



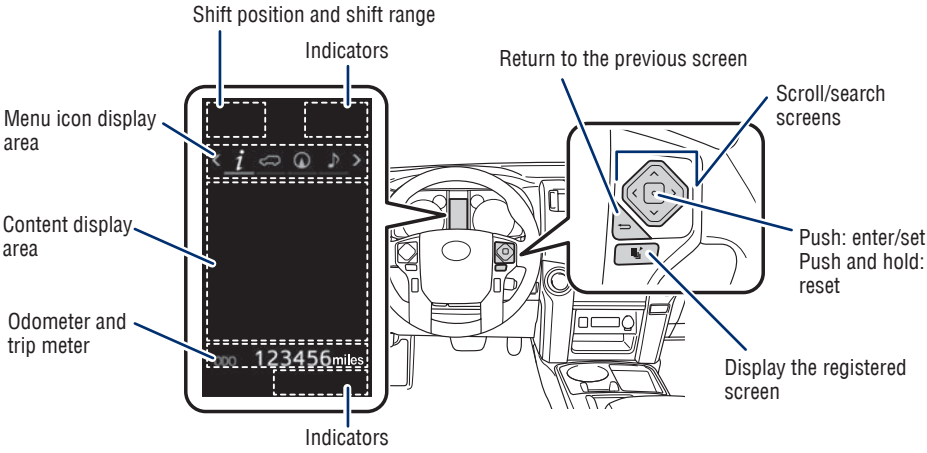
* The wiper will automatically operate a couple of times after the washer squirts.

NOTE: Rear wiper and washer operate only when back window is fully closed.

Door locks



Multi-Information Display (MID)

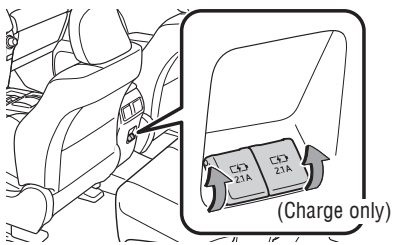


Press meter control switches to change and select information in the following:

- Driving information
- Vehicle information display
- Navigation system-linked display (if equipped)
- Audio system-linked display (if equipped)
- Driving assist system information
- Warning message display
- Settings display

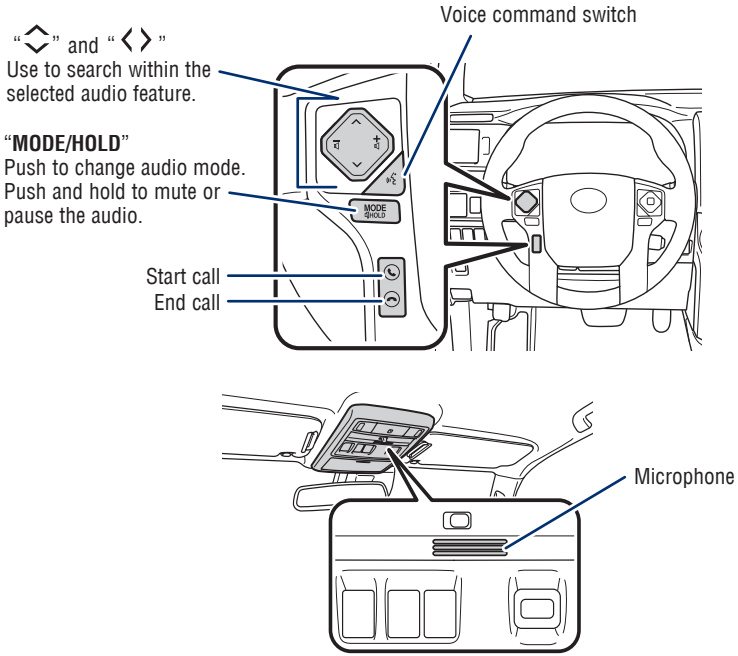
Refer to the Owner's Manual for more settings and customizable features.

USB charge ports



The vehicle must be in the "ACCESSORY" or "IGNITION ON" mode for use.

Steering wheel switches & telephone controls (Bluetooth®)



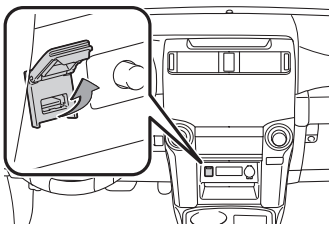
Bluetooth® technology allows dialing or receipt of calls without removing your hands from the steering wheel.

Refer to the Bluetooth® device pairing in this guide or the Navigation and Multimedia System Owner's Manual for additional user instructions.

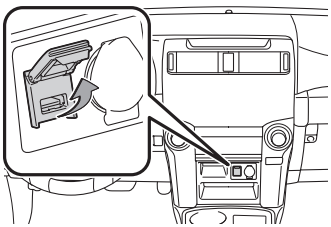
NOTE: Always use safe driving practices and follow all traffic rules.

USB media port

Type A

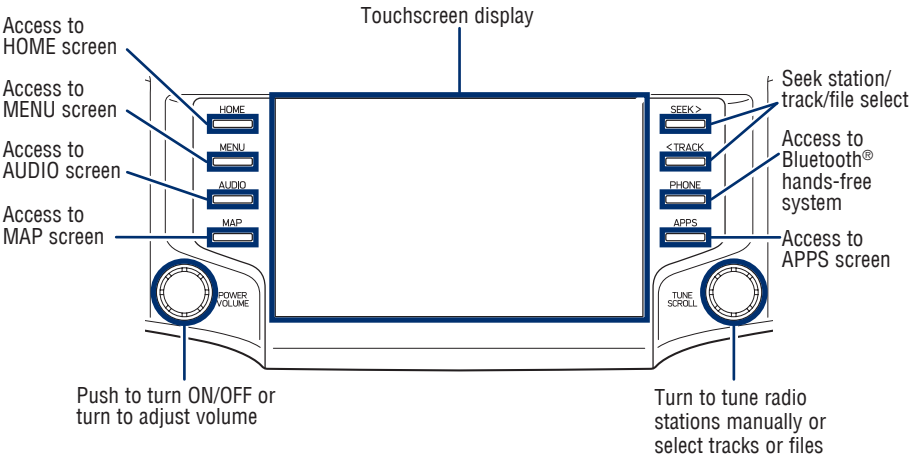


Type B



Connecting a compatible device and cable into the USB media port will support charging and music playback through the audio multimedia system.

Audio

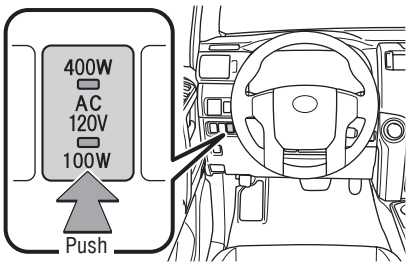


Refer to the "Navigation and Multimedia System Owner's Manual" or visit www.toyota.com/audio-multimedia for additional resources.

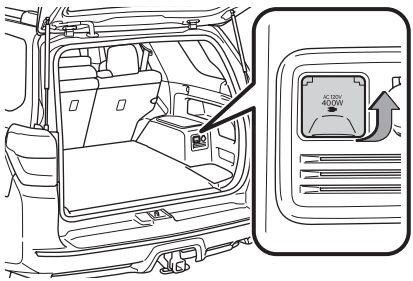
NOTE: Always use safe driving practices and follow all traffic rules.

Power outlets-120V AC

Main switch



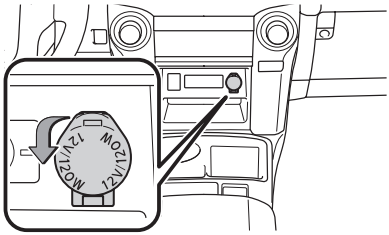
Luggage compartment



NOTE: The 120V AC power outlet can only be used when engine is running.

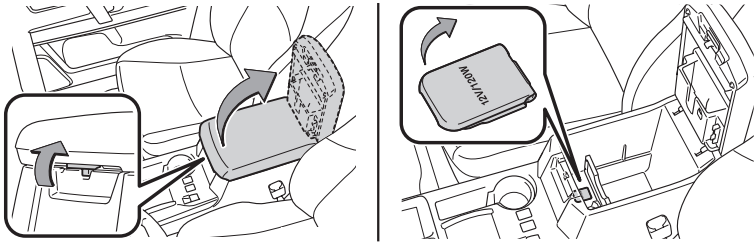
Power outlets-12V DC

CENTER PANEL

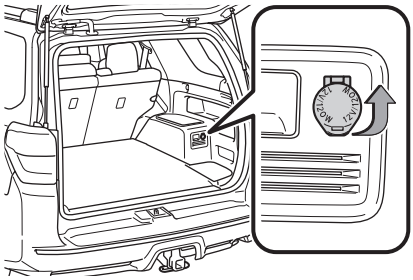


CONSOLE BOX

Inside



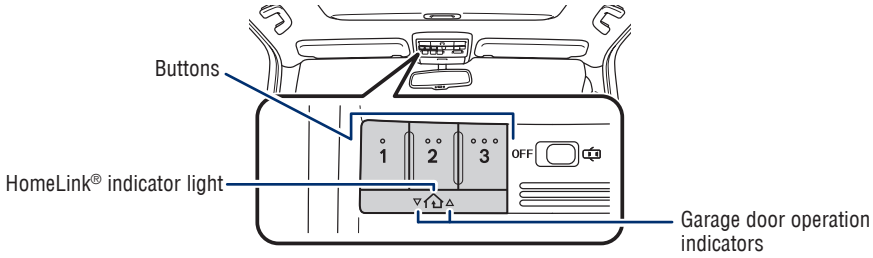
LUGGAGE COMPARTMENT



The vehicle must be in the “ACCESSORY” or “IGNITION ON” mode for use.

NOTE: Designed for car accessories.

Garage door opener (HomeLink®)* (if equipped)



Garage door openers manufactured under license from HomeLink®* can be programmed to operate garage doors, estate gates, security lighting, etc.

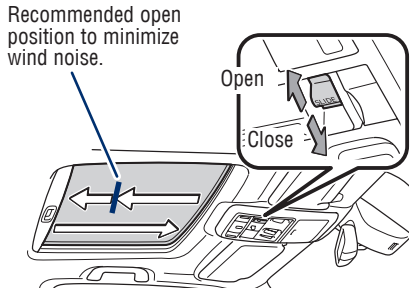
Refer to the Owner's Manual for more details.

For programming assistance, contact HomeLink® at 1-800-355-3515, or visit http://www.homelink.com/toyota.

* HomeLink® is a registered trademark of Gentex Corporation.

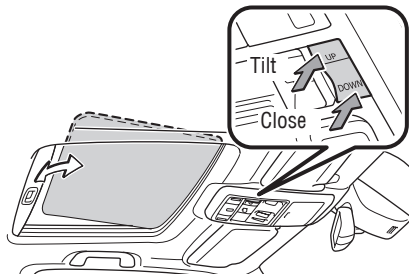
Moonroof (if equipped)

SLIDING OPERATION



Push once to open partway.
Push again to open completely.

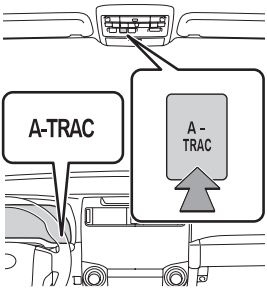
TILTING OPERATION



Push once to open completely.

Lightly press either side of the moonroof switch while opening/tilting is in progress, the moonroof stops partway.

Active traction control system (if equipped)



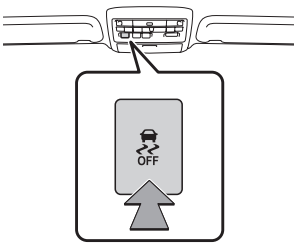
A-TRAC

The active traction control system automatically helps prevent the spinning of 4 wheels when the vehicle is started or accelerated on slippery road surfaces.

(1) **Part-time 4WD models:**
Stop the vehicle, shift the shift lever to N and shift the front-wheel drive control lever into L4.
Full-time 4WD models:
Stop the vehicle, shift the shift lever to N and then push and turn the four-wheel drive control switch to L4L.
(2) Press the “A-TRAC” switch to activate the system.

Refer to the Owner‘s Manual for limitations and more details on this system before attempting to use it.

Vehicle Stability Control (VSC)/TRAC/Trailer sway control OFF switch



AUTO LSD

OFF

TRAC OFF

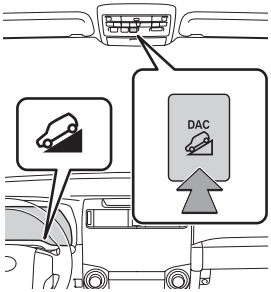
The VSC OFF switch is used to switch between modes related to the TRAC, VSC and Auto LSD (2WD) functions.

The VSC OFF switch can be used to help free a stuck vehicle in surroundings like mud, dirt or snow. While the vehicle is stopped, press switch to disable the TRAC system.

To disable VSC/TRAC/Trailer Sway Control systems, press and hold the switch for at least 3 seconds.

Refer to the Owner‘s Manual for limitations and more details on this system before attempting to use it.

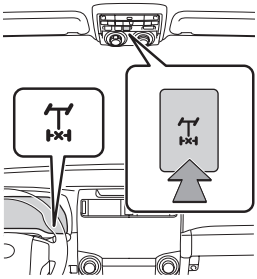
Downhill assist control system (if equipped)



The downhill assist control system helps to prevent excessive speed on steep downhill slopes. The system will operate when the vehicle is traveling under 15 mph (25 km/h) with the accelerator and brake pedals released and the transfer mode is in L4 (part-time 4WD models) or L4L (full-time 4WD models).

Refer to the Owner's Manual for limitations and more details on this system before attempting to use it.

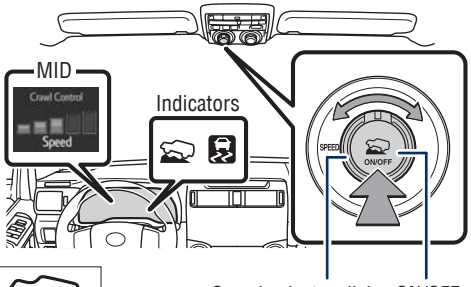
Rear differential lock system (if equipped)

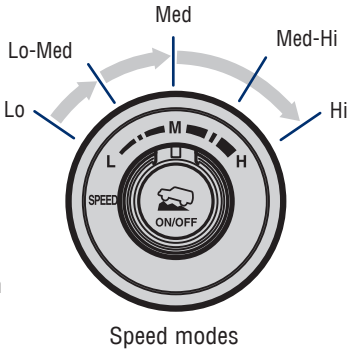


The rear differential lock system is provided for use only when wheel spinning occurs in a ditch or on a slippery or rugged surface.
The following systems do not operate when the rear differential is locked. (ABS/ Multi Terrain ABS/Brake assist system/VSC/Hill-start assist control)

Refer to the Owner's Manual for limitations and more details on this system before attempting to use it.

Crawl Control *(if equipped)*





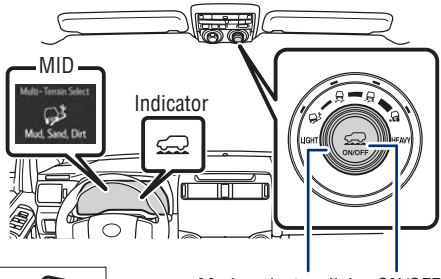
Speed modes

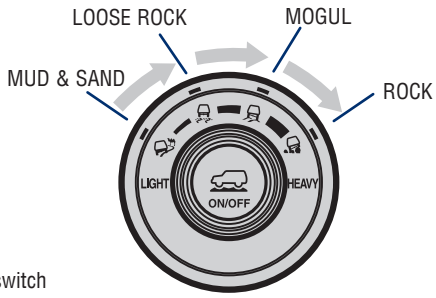
Crawl Control allows travel on extremely rough off-road surfaces at a fixed low speed without pressing the accelerator or brake pedal. Operating status displays on the Multi-Information Display (MID).

Lo to Lo-Med - Rock, mogul (downhill) and gravel (downhill)
Lo-Med to Med - Mogul (uphill)
Med-Hi - Snow, mud, gravel (uphill), sand, dirt, mogul (uphill) and grass

Refer to the Owner's Manual for limitations and more details on this system before attempting to use it.

Multi-terrain select *(if equipped)*



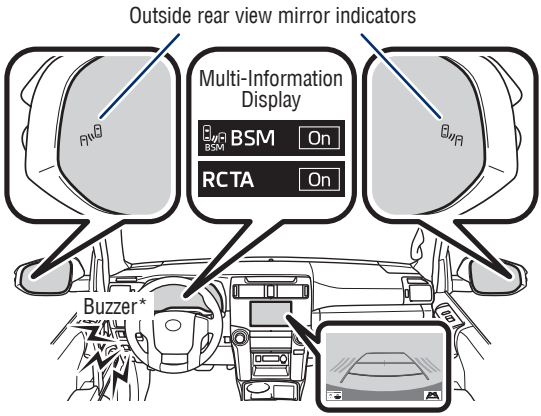


Multi-terrain Select modes

The Multi-terrain Select system has 4 terrain modes. When a terrain mode is selected in accordance with terrain conditions, the engine power and the active traction control system are controlled to enhance off-road drivability. Additionally, guidance messages such as transfer mode selection advice are displayed on the multi-information display to assist the driver in operating the vehicle.

Refer to the Owner's Manual for limitations and more details on this system before attempting to use it.

Blind Spot Monitor (BSM) and Rear Cross Traffic Alert (RCTA) *(if equipped)*



* RCTA only

BLIND SPOT MONITOR (BSM)

The system is designed to use radar sensors to detect vehicles traveling in the 4Runner's blind spot. If a vehicle is detected, the driver will be alerted via the outside rear view side mirror indicators.

REAR CROSS TRAFFIC ALERT (RCTA)

While in reverse, when a vehicle approaching from the right or left rear of the 4Runner is detected, the outside rear view mirror indicators will flash. Also, the RCTA icon for the detected side will be displayed on the audio system screen, and the RCTA buzzer will sound.

SYSTEM ON/OFF

(1) Press "◁▷" switches and select "⚙" from the Multi-Information Display (MID).

(2) Press "△▽" switches and select "BSM" or "RCTA" and then press "○." The setting screen is displayed.

(3) Press "△▽" switches and select the "On/Off" setting function and then press "○" to select the desired setting.

(4) Press "↩" to go back to the menu.

The BSM function and the RCTA function are automatically enabled each time the vehicle is turned on.

Refer to the Owner's Manual for limitations and more details on this system before attempting to use it.

Quick overview-Toyota Safety Sense™ P (TSS-P)

Toyota Safety Sense™ P (TSS-P) is a set of active safety technologies designed to help mitigate or prevent collisions across a wide range of traffic situations, in certain conditions. TSS-P is designed to help support the driver's awareness, decision making and vehicle operation contributing to a safe driving experience.

Refer to the Owner's Manual for operation, setting adjustments, limitations and more details to understand these functions and complete safety precautions. For more information, please go to www.toyota.com/safety-sense.

Pre-Collision System with Pedestrian Detection (PCS w/PD)
PCS w/PD is designed to provide alert, mitigation, and/or avoidance support in certain conditions, when the system detects a potential collision with a preceding vehicle is likely to occur.

The advanced grille-mounted radar system is designed to work with the forward-facing camera to help recognize a preceding pedestrian, and provide an alert, mitigation and/or avoidance support in certain conditions.

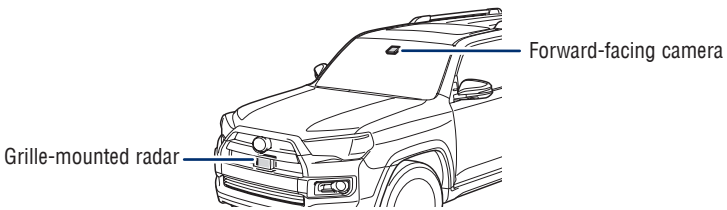
Lane Departure Alert (LDA)
LDA is designed to provide notification when the system detects an unintended lane departure.

Dynamic Radar Cruise Control (DRCC)
DRCC is designed to help maintain a pre-set distance to a preceding vehicle when the preceding vehicle is traveling at a lower speed.

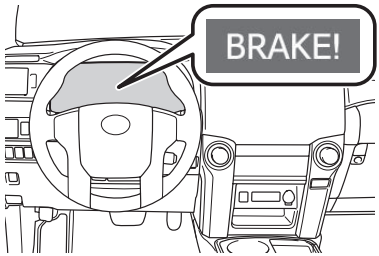
Automatic High Beams (AHB)
AHB is designed to detect the headlights of oncoming vehicles and the tail lights of preceding vehicles and switch between high beams and low beams as appropriate.

Sensors

TSS-P combines a forward-facing camera mounted in front of the inside rear view mirror and a grille-mounted radar mounted in the front grille. These sensors support the driver assist systems.



Pre-Collision System with Pedestrian Detection (PCS w/PD)



The Pre-Collision System with Pedestrian Detection (PCS w/PD) is designed to help detect a vehicle or a pedestrian in certain situations. Using a combination of a camera and radar, PCS w/ PD can provide an audio/visual alert to warn you of a possible collision under certain circumstances. If you don't react, the system is designed to automatically brake.

As there is a limit to the degree of recognition accuracy and control performance that this system can provide, do not overly rely on this system. This system will not prevent collisions or lessen collision damage or injury in every situation. Do not use PCS instead of normal braking operations under any circumstances. Do not attempt to test the operation of the pre-collision system yourself, as the system may not operate or engage, possibly leading to an accident. In some situations, such as when driving in inclement weather such as heavy rain, fog, snow or a sandstorm or while driving on a curve and for a few seconds after driving on a curve, a vehicle or pedestrian may not be detected by the grille-mounted radar and forward-facing camera, preventing the system from operating or engaging properly.

See Toyota.com/safety-sense for more information.

Refer to the Toyota Owner's Manual for a list of additional situations in which the system operation may be limited.

Pre-Collision Warning
When the system determines that the possibility of a frontal collision is high, a buzzer will sound and a warning message will be displayed on the Multi-Information Display (MID) to urge the driver to take evasive action.

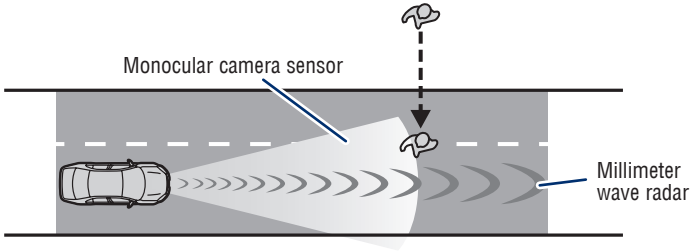
Pre-Collision Brake Assist
If the driver notices the hazard and brakes, the system may provide additional braking force using Brake Assist. This system may prime the brakes and may apply greater braking force in relation to how strongly the brake pedal is depressed.

Pre-Collision Braking
If the driver does not brake in a set time and the system determines that the possibility of a frontal collision with a preceding vehicle is extremely high, the system may automatically apply the brakes, reducing speed in order to help the driver reduce the impact and in certain cases avoid the collision.

Refer to the Toyota Owner's Manual for additional information on PCS w/PD operation, settings adjustments, limitations, and precautions before attempting to use it.

PCS PEDESTRIAN DETECTION

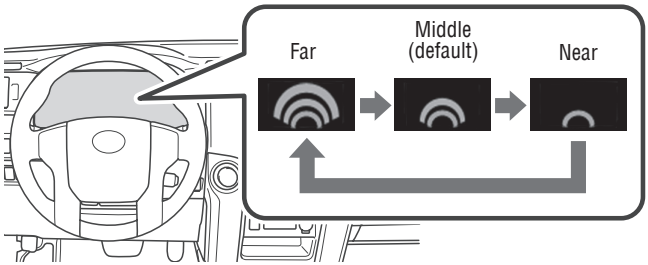
Under certain conditions, the PCS system included with the TSS-P package may also help to detect a pedestrian in front of your vehicle using the forward-facing camera and front grille-mounted radar. The forward-facing camera of PCS detects a potential pedestrian based on size, profile, and motion of the detected pedestrian. However, a pedestrian may not be detected depending on the conditions, including the surrounding brightness and the motion, posture, size, and angle of the potential detected pedestrian, preventing the system from operating or engaging.



As part of the Pre-Collision System, this function is also designed to first provide an alert and then automatic braking if needed.

Refer to the Toyota Owner's Manual for additional limitations and information.

CHANGING PCS SENSITIVITY



(1) Press "◁ ▷" switches and select "⚙" from the Multi-Information Display (MID).

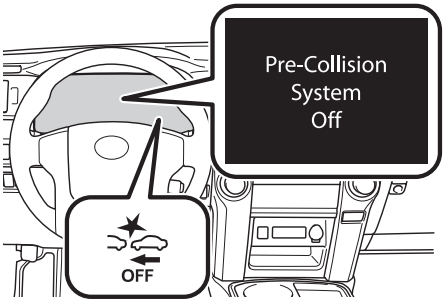
(2) Press "△ ▽" switches and select "🚗" and then press "○." The setting screen is displayed.

(3) Press "△ ▽" switches and select "Alert timing" and then press "○" to select the desired setting. Each time it is pressed, the response to the PCS warning timing changes as shown above.

(4) Press "↩" to go back to the menu.

Note: PCS is enabled each time the vehicle is turned on. The system can be disabled/enabled and the alert timing of the system can be changed. (Alert timing only, brake operation remains the same.)

DISABLING PRE-COLLISION SYSTEM (PCS)



(1) Press "〈〉" switches and select "⚙" from the Multi-Information Display (MID).

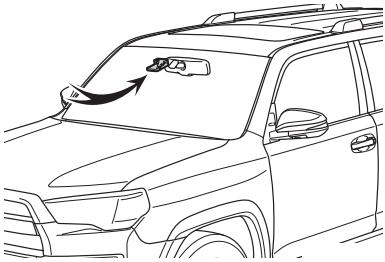
(2) Press "⌃⌄" switches and select "🚗" and then press "⊙." The setting screen is displayed.

(3) Press "⌃⌄" switches and select "PCS" and then press "⊙" to select the desired setting ON/OFF.

(4) Press "↩" to go back to the menu.

Refer to the Toyota Owner's Manual for additional information on PCS w/PD operation, settings adjustments, limitations, and precautions before attempting to use it.

Lane Departure Alert (LDA)

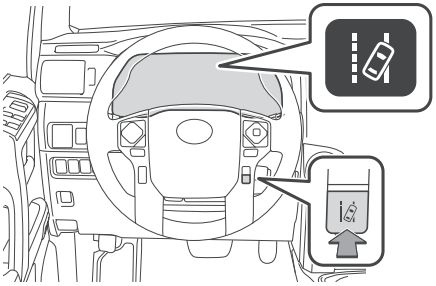


By detecting visible white/yellow lane markings at speeds above 32 mph, Lane Departure Alert (LDA) is designed to issue an audio/visual alert if an inadvertent lane departure is detected.

See Toyota.com/safety-sense for more information.

Refer to the Toyota Owner's Manual for a list of additional situations in which the system operation may be limited.

TURNING THE LDA SYSTEM ON/OFF



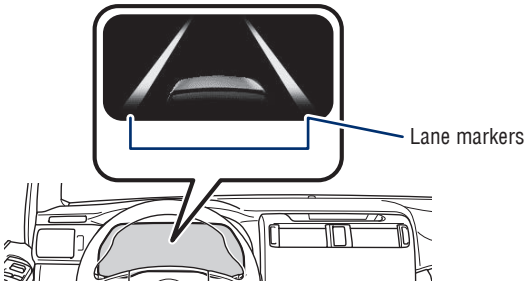
Press the LDA switch to turn the LDA system on. Depress again to turn it off.

Note: Operation of the LDA system and setting adjustments continues in the same condition regardless of Ignition cycle until changed by the driver or the system is reset.

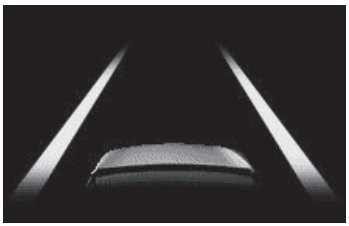
Refer to the Toyota Owner's Manual for additional information on LDA operation, settings adjustments, limitations, and precautions before attempting to use it.

LANE DEPARTURE ALERT

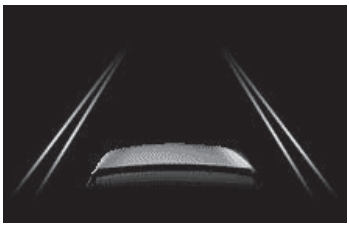
LDA function display



Lane Departure Alert (LDA) indicator flashes orange when operating.



(1)



(2)

LANE DEPARTURE ALERT (CONTINUED)

The LDA function "  " displays when the Multi-Information Display (MID) is switched to the driving assist system information screen.

(1) The system displays solid white lines on the LDA indicator when visible lane markers on the road are detected. A side flashes orange to alert the driver when the vehicle deviates from its lane.

(2) The system displays outlines on the LDA indicator when lane markers on the road are not detected or the function is temporarily canceled.

Note: When operation conditions are no longer met, a function may be temporarily canceled. However, when the operation conditions are met again, operation of the function is automatically restored. For example, LDA may not function on the side(s) where white/yellow lines are not detectable.

ADJUSTING LDA ALERT SENSITIVITY

The driver can adjust the sensitivity of the LDA (warning) function from the Multi-Information Display (MID) customization screen.

High - Is designed to warn approximately before the front tire crosses the lane marker.
Normal - Is designed to warn approximately when the front tire crosses the lane marker.

(1) Press "  " switches and select "  " from the Multi-Information Display (MID).

(2) Press "  " switches and select "  " and then press "  ." The setting screen is displayed.

(3) Press "  " switches and select "Alert sensitivity" and then press "  " to select the desired setting.

(4) Press "  " to go back to the menu.

Note: Operation of the LDA system and setting adjustments continues in the same condition regardless of Ignition cycle until changed by the driver or the system is reset.

SWAY WARNING SYSTEM

Continuous lane deviations from swaying.

Gentle swaying from driver's inattentiveness.

Acute steering wheel operation after the number of operations decrease due to driver's inattentiveness.

SWS is a function of LDA and is designed to detect swaying based on the vehicle location in the lane and the driver's steering wheel operation. To help prevent swaying, the system alerts the driver using a buzzer sound and a warning display on the MID.

DISABLING LDA SWAY WARNING SYSTEM

(1) Press "◁ ▷" switches and select "⚙" from the Multi-Information Display (MID).

(2) Press "△ ▽" switches and select "🚗" and then press "○." The setting screen is displayed.

(3) Press "△ ▽" switches and select "Vehicle sway warning function" and then press "○" to select the desired setting ON/OFF.

(4) Press "↩" to go back to the menu.

ADJUSTING SWAY ALERT SENSITIVITY

(1) Press "◁ ▷" switches and select "⚙" from the Multi-Information Display (MID).

(2) Press "△ ▽" switches and select "🚗" and then press "○." The setting screen is displayed.

(3) Press "△ ▽" switches and select "Vehicle sway warning sensitivity" and then press "○" to select the desired setting.

(4) Press "↩" to go back to the menu.

Note: Operation of the LDA system and setting adjustments continues in the same condition regardless of Ignition cycle until changed by the driver or the system is reset.

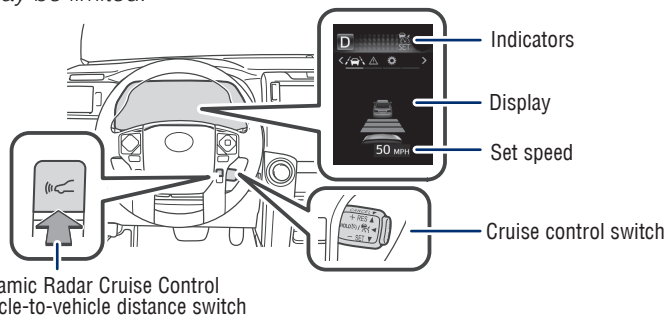
Refer to the Toyota Owner's Manual for additional information on LDA operation, settings adjustments, limitations, and precautions before attempting to use it.

Dynamic Radar Cruise Control (DRCC)

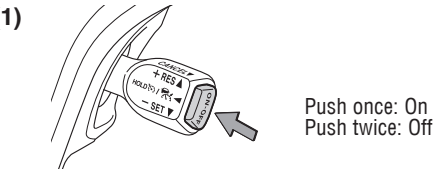
Intended for highway use, Dynamic Radar Cruise Control (DRCC) lets you drive at a preset speed. DRCC is designed to function at speeds of 25-110 mph and uses vehicle-to-vehicle distance control, helping maintain a preset distance from the vehicle ahead of you.

See Toyota.com/safety-sense for more information.

Refer to the Toyota Owner's Manual for a list of additional situations in which the system operation may be limited.

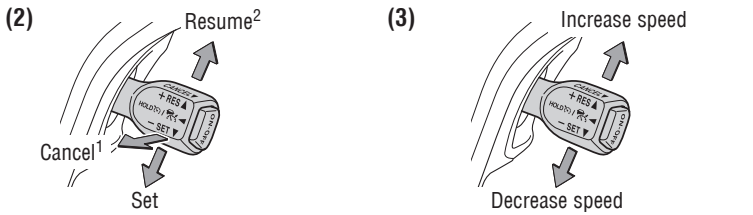


TURNING SYSTEM ON/OFF



Refer to page 38 for switching to Constant Speed (Cruise) Control Mode.

ADJUSTING SET SPEED

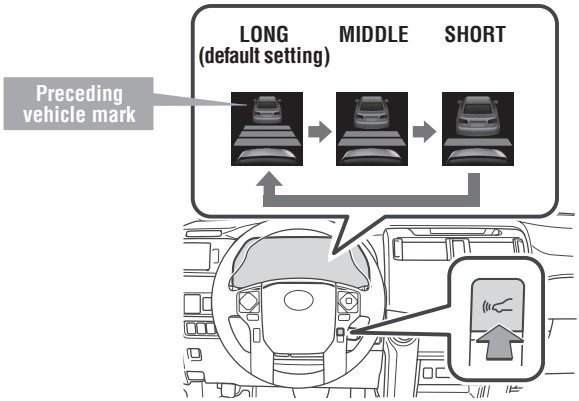


Vehicle will cruise at a set speed, decelerate to maintain a selected distance from a slower vehicle traveling in front and accelerate back up to the selected speed if the vehicle in front changes lanes or speeds up.

(1) Push the ON-OFF button. The "RADAR READY" and "  " indicator will come on.
(2) Push the lever down to SET speed, push it up to resume and pull it or depress brake to cancel the speed control.
(3) Push up to increase the set speed, push down to decrease (1 mph [1.6 km/h] or 1 km/h [0.6 mph] increments).

[1] The speed control may also be canceled by depressing the brake pedal.
[2] The speed control may be resumed once vehicle speed exceeds 25 mph (40 km/h).

ADJUSTING DISTANCE

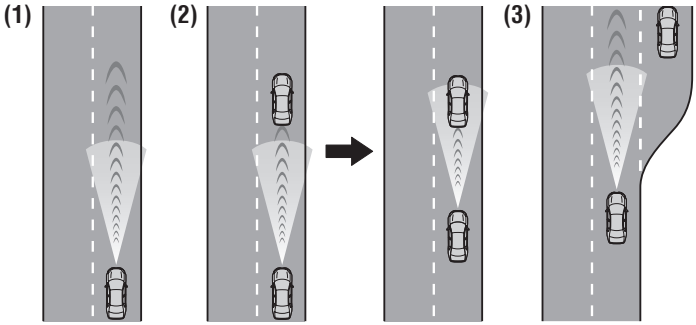


To change the vehicle-to-vehicle distance:

Push the "" switch to cycle through the settings, which will change progressively.

This mode employs a radar sensor to detect the presence of a preceding vehicle up to approximately 320 ft (100 m) ahead, determines the current vehicle-to-vehicle following distance and operates to maintain a preset following distance from the vehicle ahead. These distances vary based on the vehicle speed.

Note: Vehicle-to-vehicle distance will close in when traveling on long downhill slopes.



(1) **Constant speed cruising when there are no vehicles ahead**
The vehicle travels at the speed set by the driver. The desired vehicle-to-vehicle distance can also be set by operating the vehicle-to-vehicle distance control switch.

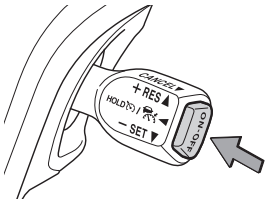
(2) **Deceleration cruising and follow-up cruising when a preceding vehicle driving slower than the set speed appears**
When a slower vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system may apply the brakes (the brake lights will come on at this time). The system will respond to changes in the speed of the vehicle ahead in order to maintain the vehicle-to-vehicle distance set by the driver. A warning tone warns you when the system cannot decelerate sufficiently to prevent your vehicle from closing in on the vehicle ahead.

DRCC ADJUSTING DISTANCE (CONTINUED)

(3) **Acceleration when there are no longer any preceding vehicles driving slower than the set speed**
The system accelerates until the set speed is reached. The system then returns to constant speed cruising.

Note: When your vehicle is too close to a vehicle ahead, and sufficient automatic deceleration via the cruise control is not possible, the display will flash and the buzzer will sound to alert the driver. An example of this would be if another driver cuts in front of you while you are following a vehicle. Depress the brake pedal to ensure an appropriate vehicle-to-vehicle distance.

SWITCHING TO CONSTANT SPEED (CRUISE) CONTROL MODE

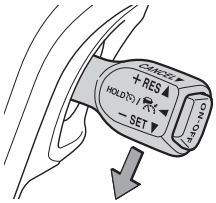


1.5 seconds

If you are already using DRCC “ ,” push the button again to turn the system off first, then push and hold the button for at least 1.5 seconds to switch.

Note: When the engine is turned off, it will automatically default to DRCC.

SETTING CONSTANT SPEED (CRUISE) CONTROL

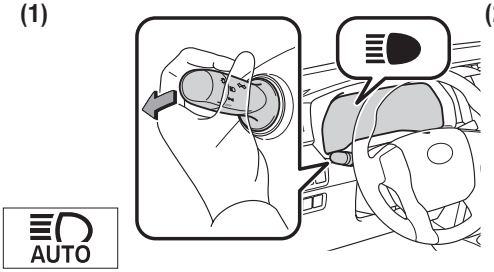


To adjust speed or cancel, see steps (2) and (3) of ADJUSTING SET SPEED on page 36.

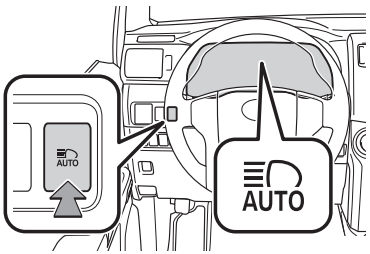
Refer to the Toyota Owner’s Manual for additional information on DRCC operation, settings adjustments, limitations, and precautions before attempting to use it.

Automatic High Beams (AHB)

(1)



(2)



The Automatic High Beams (AHB) safety system is designed to help you see more clearly at night. At speeds above 25 mph, AHB can detect the headlights of oncoming vehicles and taillights of preceding vehicles, then automatically toggles between high and low beams accordingly.

See Toyota.com/safety-sense for more information.

Refer to the Toyota Owner's Manual for additional information on AHB operation, settings adjustments, limitations, and precautions before attempting to use it.

ACTIVATING THE AHB SYSTEM

(1) Push the lever away from you with the headlight switch is in the "AUTO" or "" position.

(2) Press the "AUTO" switch.

The AHB indicator will come on when the headlights are turned on automatically to indicate that the system is active.

Note: Pull the lever back toward you or press the AHB switch to turn the AHB system off.

The AHB indicator will turn off and "" or "" will turn on. To activate the system again, push the lever away from you or press the "AUTO" switch.

CONDITIONS WHERE AHB WILL TURN ON/OFF AUTOMATICALLY

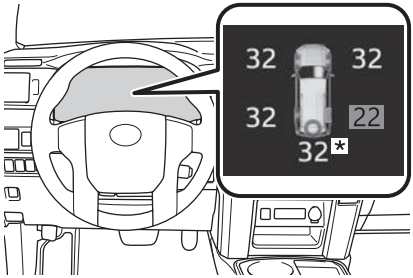
When all of the following conditions are met, the high beams will be automatically turned on (after approximately 1 second):

- Vehicle speed is above approximately 21 mph (34 km/h).
- The area ahead of the vehicle is dark.
- There are no oncoming or preceding vehicles with headlights or tail lights turned on.
- There are few streetlights on the road ahead.

If any of the following conditions occur, the high beams will be automatically turned off:

- Vehicle speed drops below approximately 17 mph (27 km/h).
- The area ahead of the vehicle is not dark.
- Oncoming or preceding vehicles have headlights or tail lights turned on.
- There are many streetlights on the road ahead.

Tire Pressure Monitoring (warning) System (TPMS)



The tire pressure warning system can be selected on "⚙" of the multi-information display (MID).

System reset initialization

(1) Press "◁▷" switches and select "⚙" from the Multi-Information Display (MID).

(2) Press "△▽" switches and select the "Vehicle Settings," then press "○."

(3) Press "△▽" switches and select "TPWS" and then press "○."

(4) Press "△▽" switches and select "Set Pressure" then press and hold "○" until the warning light blinks three times.

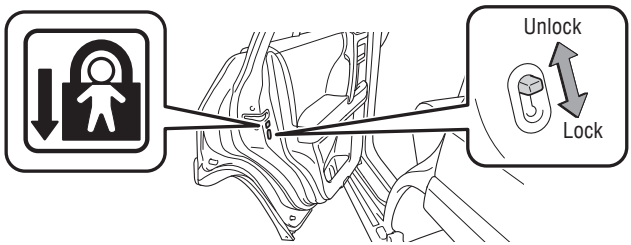
The tire pressure detected by the tire pressure warning system can be displayed on the multi-information display (MID).

If the tire pressure indicator flashes for 1 minute and then remains on, take the vehicle to your local Toyota dealer.

Refer to the load label on the door jamb or the Owner's Manual for tire inflation specifications.

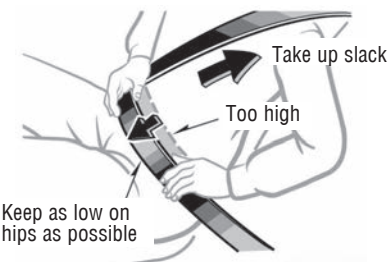
NOTE: The warning light may come on due to temperature changes or changes in tire pressure from natural air leakage. If the system has not been initialized recently, setting the tire pressures to factory specifications should turn off the light.

Rear door child safety locks



Moving the lever downward will allow the door to be opened only from the outside.

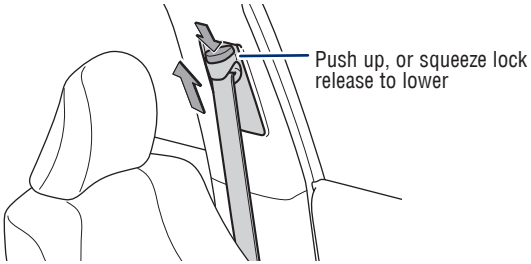
Seat belts



NOTE: If a passenger's seat belt is fully extended, then retracted even slightly, the Automatic locking retractor (ALR) will prevent it from being re-extended beyond that point, unless fully retracted again. This feature is used to help hold child restraint systems securely.

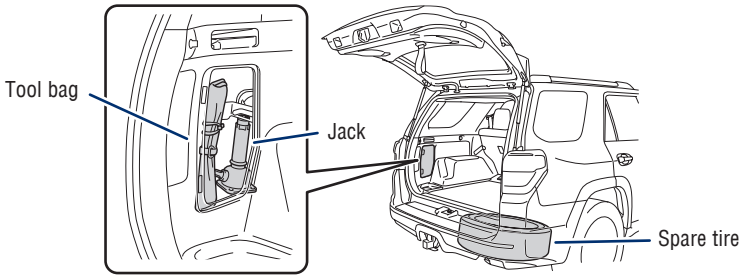
To find more information about seat belts, and how to install a child restraint system, refer to the Owner's Manual.

Seat belts-Shoulder belt anchor



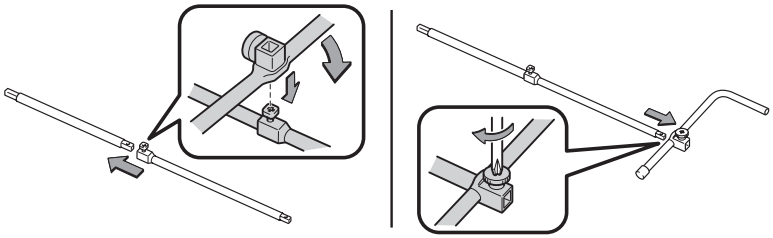
Spare tire & tools

TOOL LOCATION



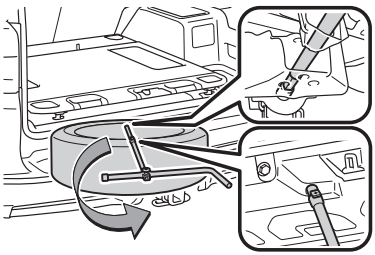
REMOVING THE SPARE TIRE

(1)



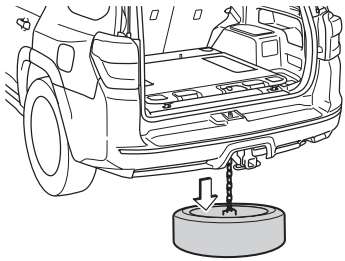
Assemble the jack handle.

(2)



Insert the jack handle end through the opening in the bumper, and into the lowering screw.

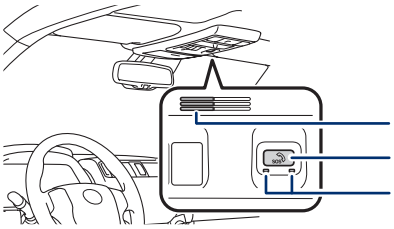
(3)



Turn the jack handle counterclockwise.

Refer to the Owner's Manual for tire changing and jack positioning procedures.

Safety Connect®



Safety Connect is a subscription-based telematics service that uses Global Positioning System (GPS) data and embedded cellular technology to provide safety and security features to subscribers. Safety Connect is staffed with live agents at the Toyota response center, which operates 24 hours per day, 7 days per week.

Services for subscribers include:

- Automatic collision notification
- Stolen vehicle locator
- Emergency assistance (“SOS” button)
- Enhanced roadside assistance

For limitations and additional information, refer to the “Owner’s Manual” or visit www.toyota.com/connected-services.

Star Safety System™

Your vehicle comes standard with the Star Safety System™, which combines Anti-lock Braking System (ABS), Brake Assist (BA), Electronic Brake-force Distribution (EBD), Smart Stop Technology (SST), Traction Control (TRAC) and Vehicle Stability Control (VSC).

Refer to the Owner's Manual for more details and important information on limitations to these systems.

ANTI-LOCK BRAKE SYSTEM (ABS)

Toyota's Anti-lock Brake System detects which wheels are locking up and limits wheel lockup by "pulsing" each wheel's brakes independently. Pulsing releases brake pressure repeatedly for fractions of a second. This helps the tires attain the traction that current road conditions will allow, helping you to stay in directional control.

BRAKE ASSIST (BA)

Brake Assist is designed to detect sudden or "panic" braking, and then add braking pressure to help decrease the vehicle's stopping distance. When there's only a split second to react, Brake Assist can add additional brake pressure more quickly than just the driver alone can.

ELECTRONIC BRAKE FORCE DISTRIBUTION (EBD)

Toyota's ABS technology has Electronic Brake-force Distribution (EBD) to help maintain control and balance when braking. EBD responds to sudden stops by redistributing brake force to enhance the braking effectiveness of all four wheels.

SMART STOP TECHNOLOGY (SST)

Smart Stop Technology automatically reduces engine power when the accelerator and brake pedals are pressed simultaneously under certain conditions.

SST engages when the accelerator is depressed first and the brakes are applied firmly for longer than one-half second at speeds greater than five miles per hour.

SST doesn't engage if the brake pedal is depressed before the accelerator pedal, allowing vehicles to start on a steep hill and safely accelerate without rolling backward.

VEHICLE STABILITY CONTROL (VSC)

VSC helps prevent loss of traction during cornering by reducing engine power and applying brake force to selected wheels.

Toyota's VSC monitors steering angle and the direction your vehicle is traveling. When it senses that the front or rear wheels begin to lose traction, VSC reduces engine power and applies braking to selected wheels. This helps restore traction and vehicle control.

VSC helps prevent loss of traction during cornering by reducing engine power, and Traction Control helps maintain traction on loose gravel and wet, icy, or uneven surfaces by applying brake force to the spinning wheel(s).

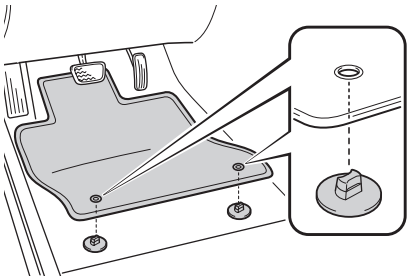
Toyota's TRAC sensors are activated when one of the drive wheels starts to slip. TRAC limits engine output and applies the brakes to the spinning wheel. This transfers power to the wheels that still have traction to help keep you on track.

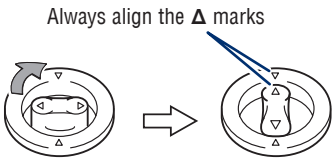
Floor mat installation

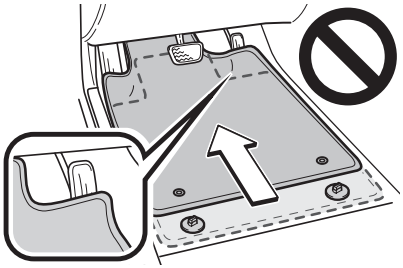
There are two types of Toyota floor mats: carpeted and all-weather. Each vehicle has model-specific floor mats. Installation is easy.

To keep your floor mat properly positioned, follow these steps:

- Only use Toyota floor mats designed for your specific model.
- Only use one floor mat at a time, using the retaining hooks to keep the mat in place.
- Install floor mats right side up.







BLUETOOTH® DEVICE PAIRING SECTION

Do not attempt the Bluetooth® Pairing process while driving.

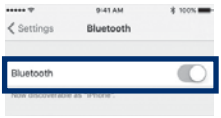
To begin the Bluetooth® Pairing process, press the HOME button.

Bluetooth® Pairing for your phone

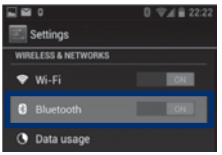
Pairing your phone is the first step in connecting with your Toyota. This pairing process is quick and easy. All you have to do is setup the phone and multimedia system to form a connection.

Audio / Audio Plus / Premium Audio

STEP 1 Press [MENU], then select “Setup” on display screen.

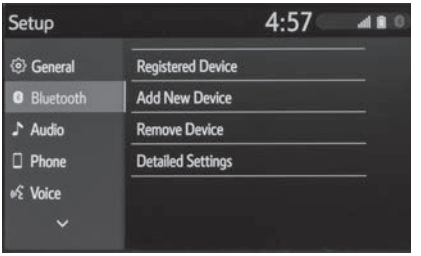


iPhone bluetooth Menu

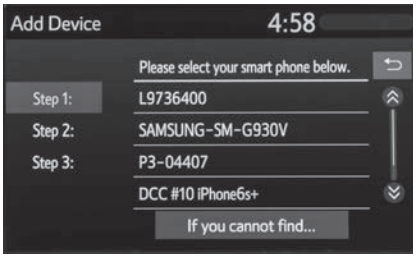


Android bluetooth Menu[1]

STEP 2 Ensure Bluetooth is turned on for your phone.



STEP 3 Select "Bluetooth," then select "Add New Device" on display screen.

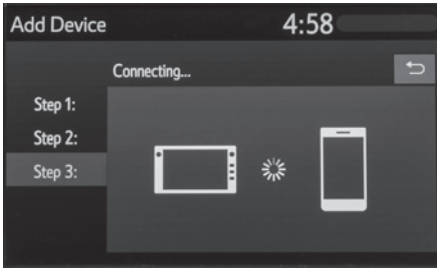


STEP 4 Select "Phone Name."

STEP 5 Check the display on your phone. Does the PIN XXXX match the PIN displayed? If it does, select "Pair."

[1] Some Android devices may have slightly different SETTINGS screen layout depending on manufacturer of device and Android OS version.

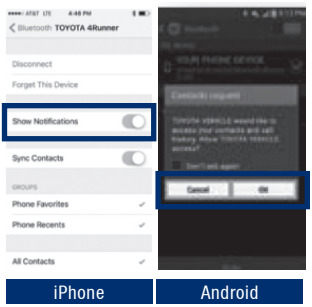
Bluetooth® Pairing for your phone (cont.)



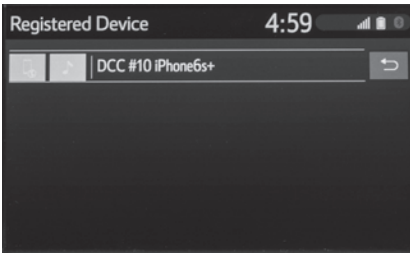
STEP 6 "Connecting" displays while phone is forming the connection to the multimedia system.

STEP 7 Enable Notifications (text message). While pairing your phone, a message will be displayed:
"You may need to allow message access on your phone."

Note: You may also select "Skip" on display screen to skip enabling notifications. If skipped, proceed to **Step 8**.



STEP 8 Turn on "Show Notifications" for iPhone or "ON" for Android.



STEP 9 A confirmation will appear once your phone has been paired and connected.

4RUNNER

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