

QUICK REFERENCE GUIDE



4RUNNER

2020



2020

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 safe 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.

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BLUETOOTH® DEVICE PAIRING SECTION

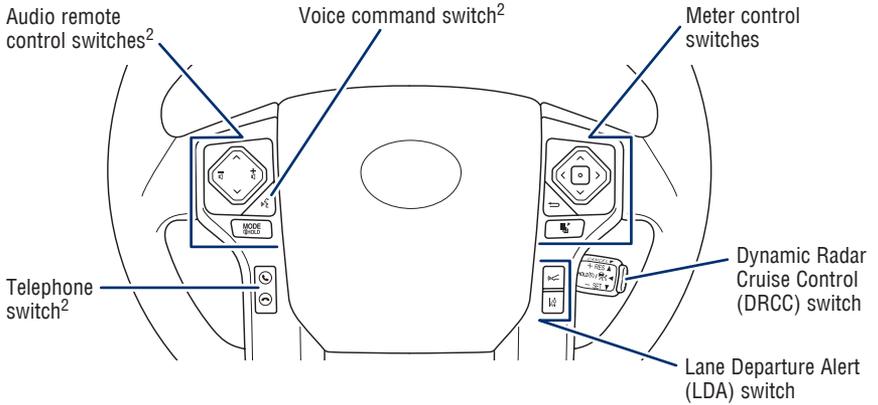
46-48

¹ Visit your Toyota dealer for information on customizing this feature.

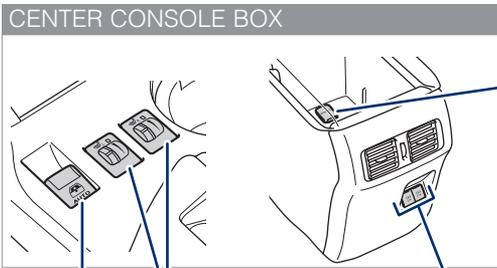
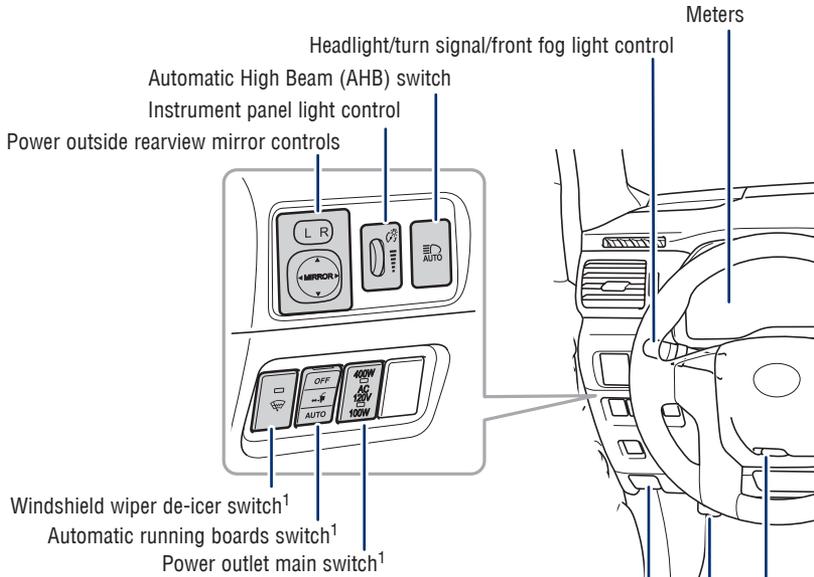
² Programmable by customer. Refer to the Owner's Manual for instructions and more information.

³ HomeLink® is a registered trademark of Genex Corporation.

Instrument panel



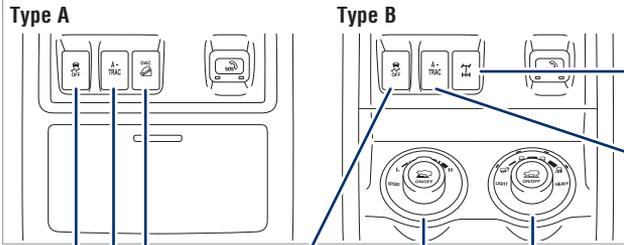
Steering wheel controls



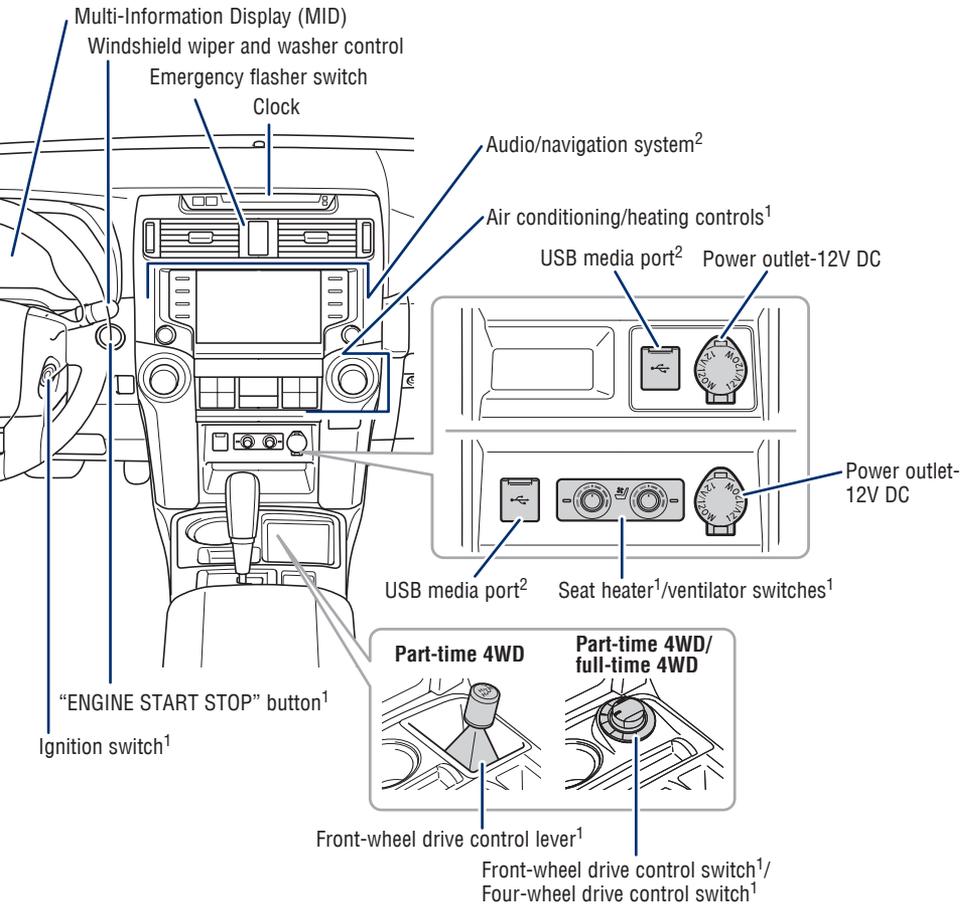
¹ If equipped

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

OVERHEAD CONSOLE INSTRUMENT PANEL

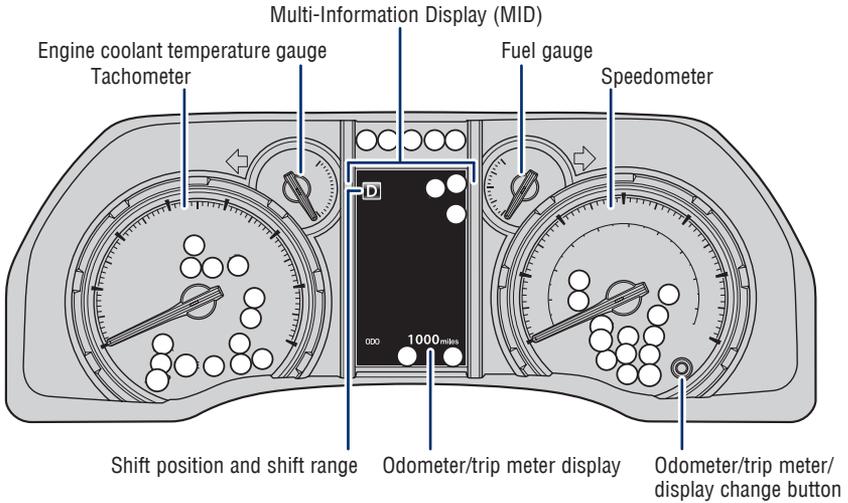


- VSC off switch
- Active traction control switch¹
- Downhill Assist Control system (DAC) switch¹
- Rear differential lock switch¹
- Active traction control switch¹
- Multi-terrain Select switch¹
- Crawl Control switch¹



- Multi-Information Display (MID)
- Windshield wiper and washer control
- Emergency flasher switch
- Clock
- Audio/navigation system²
- Air conditioning/heating controls¹
- USB media port²
- Power outlet-12V DC
- Power outlet-12V DC
- Seat heater¹/ventilator switches¹
- USB media port²
- Part-time 4WD
- Part-time 4WD/full-time 4WD
- Front-wheel drive control lever¹
- Front-wheel drive control switch¹/
Four-wheel drive control switch¹
- "ENGINE START STOP" button¹
- Ignition switch¹

Instrument cluster



○ Service indicators and reminders

Indicator symbols

For details, refer to “Warning lights and indicators” Section 2, 2020 Owner’s Manual.

 A-TRAC Active traction control indicator ⁵	 Center differential lock indicator ^{3,5}
 AIR BAG ON/OFF AIR BAG ON/OFF indicator ¹	 Charging system warning ¹
 Air bag SRS warning ¹	 Crawl Control indicator ⁵
 ABS Anti-lock Brake System (ABS) warning ¹	 SET Constant speed cruise control indicator/Constant speed cruise control SET indicator
 Arrow direction indicates fuel tank door position	 Downhill Assist Control indicator ^{1,5}
 AUTO LSD AUTO Limited Slip Differential indicator ^{1,5}	 Driver's and/or front passenger's seat belt reminder (alarm will sound if speed is over 12 mph)
 AUTO Automatic High Beam (AHB) indicator	 SET Dynamic Radar Cruise Control (DRCC) indicator/DRCC SET indicator
 Automatic running boards indicator ^{1,2,5}	
 Brake Override System/Drive-Start Control warning	
 BRAKE Brake system warning ¹	

 ECO	Eco Driving Indicator Light ¹		Rear differential lock indicator ^{3,5}
	Four-wheel drive indicator ^{3,5}		Security indicator
	Front fog light indicator		Slip indicator ^{1,4}
	Headlight low/ high beam indicator		TRAC OFF Traction Control OFF indicator ¹
	High coolant temperature warning		Turn signal indicator
	KDSS Kinetic Dynamic Suspension System (KDSS) indicator ^{1,5}		A/T P Unengaged Park warning light ⁵
	Lane Departure Alert (LDA) indicator (green/amber ⁴)		OFF Vehicle Stability Control (VSC) OFF indicator ¹
	Low engine oil pressure warning		
	Low fuel level warning		
	Low Tire Pressure Warning ¹		
	4LO Low speed four-wheel drive indicator ^{3,5}		
	CHECK Malfunction/Check Engine indicator ¹		
	Master warning ^{1,2}		
	Multi-terrain select indicator ^{2,5}		
	Open door warning		
	PARK Parking brake indicator		
	Power steering system warning ¹		
	Pre-Collision System (PCS) warning ^{1,2}		

¹ If the indicator does not turn off within a few seconds of starting the engine, 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, there may be a malfunction. Refer to the Owner's Manual.

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

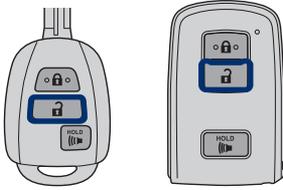
⁵ If equipped.

OVERVIEW

Keyless entry

UNLOCKING OPERATION

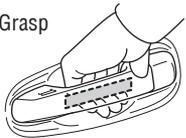
Smart Key



Carry Smart Key remote

Front door unlock*

Grasp



Push

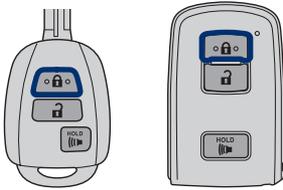


ONCE: Driver door
TWICE: All doors

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

LOCKING OPERATION

Smart Key



Carry Smart Key remote

All-door lock

Touch

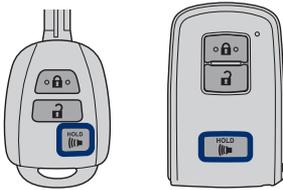


Push



PANIC BUTTON

Smart Key



Carry Smart Key remote

HOLD

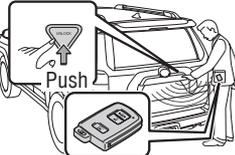


Push and hold

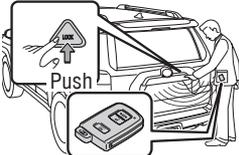


BACK DOOR LOCK/UNLOCK (IF EQUIPPED)

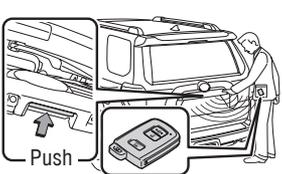
Unlock



Lock



Open

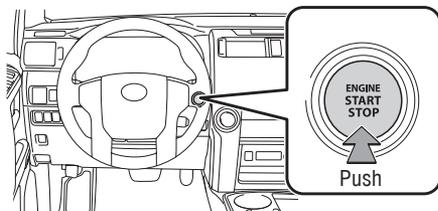


NOTE: Carry remote to unlock/lock/open.

* 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.

Smart Key system (if equipped)

START FUNCTION



NOTE: The Smart Key must be carried to enable the start function. With the gear shift lever in Park and the brake pedal depressed, push the “ENGINE START STOP” switch.

POWER (WITHOUT STARTING ENGINE)

Without depressing the brake pedal, pressing the “ENGINE START STOP” switch will change the operation mode in succession from:

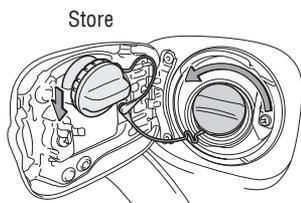
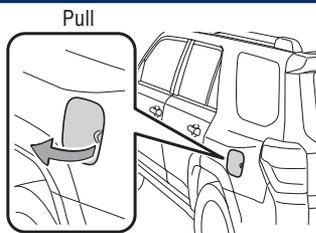


Off - All systems OFF. Emergency flashers can be used.

Accessory – Some electrical components can be used.

On - All electrical components can be used.

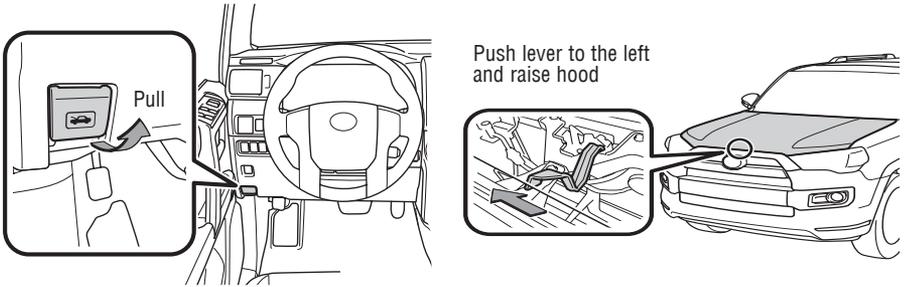
Fuel tank door release & cap



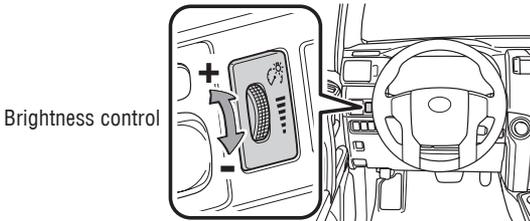
NOTE: Tighten until one click is heard. If the cap is not properly sealed, Check Engine “” indicator may illuminate.

OVERVIEW

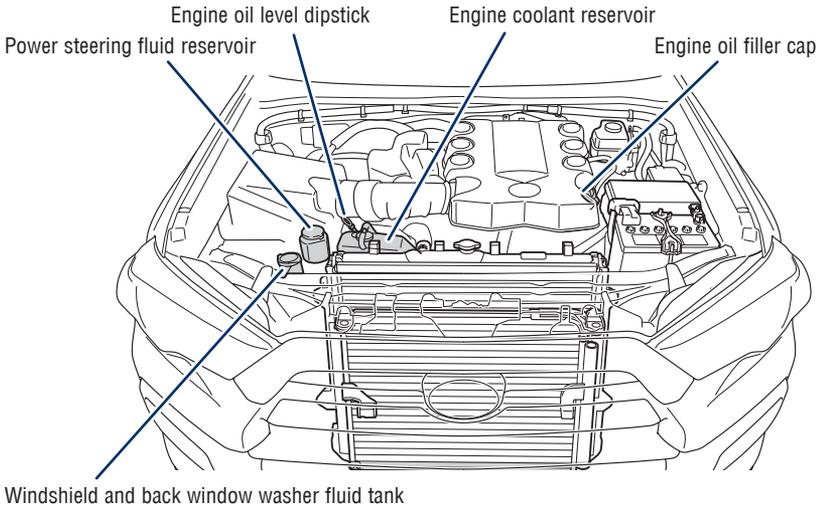
Hood release



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.”

FEATURES & OPERATIONS

Auto lock/unlock

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

Shift position linked door locking/unlocking function

- Doors lock when shifting from Park.
- Doors unlock when shifting into Park.

Speed linked door locking function

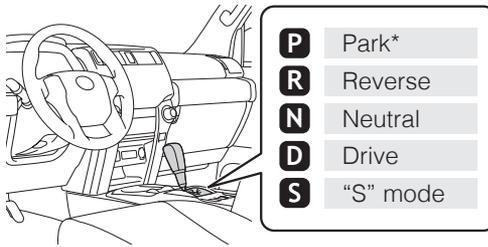
- Doors lock when the vehicle speed goes above approximately 12 mph.

Driver's door linked door unlocking function

- (Without a Smart Key system) Doors unlock when the engine switch is set from "ON" to "ACC" or "LOCK" within 10 seconds of opening the driver's door.
- (With a Smart Key system) Doors unlock when the engine switch 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 engine switch must be in the "ON" position (without Smart Key)/"IGNITION ON" mode (with Smart Key) 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.

FEATURES & OPERATIONS

Four-wheel drive (if equipped)

PART-TIME FOUR-WHEEL DRIVE MODELS

Push “UNLOCK” button and then push and turn the selector (type B.)

H2 High speed (2WD)

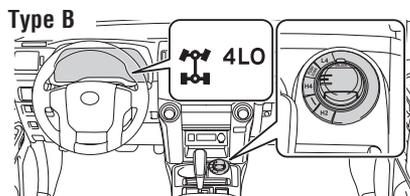
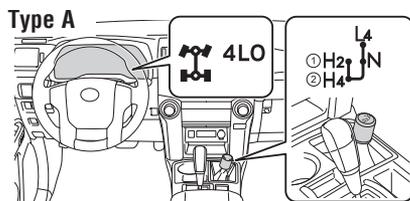
H4 High speed (4WD)

Shift to “H4” with speed below 50 mph (type A) or 62 mph (type B.)

N Neutral

L4 Low speed (4WD)

Stop vehicle, shift to “N” position, then move the lever to “L4” (type A) or push and turn to “L4” (type B.)



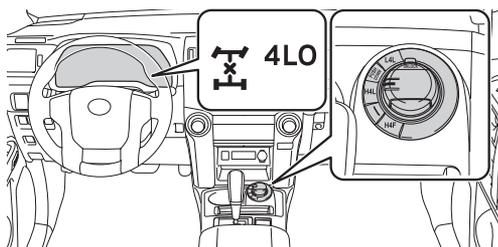
FULL-TIME FOUR-WHEEL DRIVE MODELS

Push “UNLOCK” button and then push and turn the selector.

H4F High speed

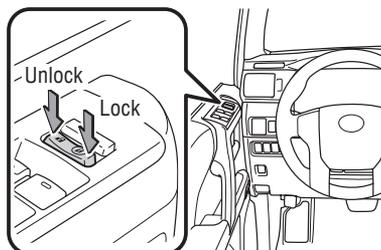
H4L High speed
(center differential locked)

L4L Low speed
(center differential locked)
Stop vehicle, shift to “N” position, then push and turn to “L4L.”

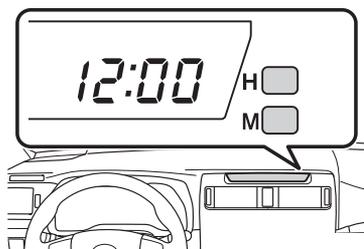


Refer to the Owner's Manual for limitations and more details.

Door locks



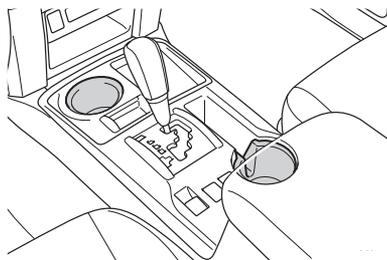
Clock



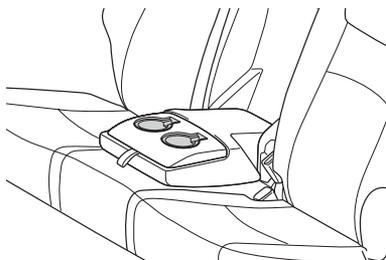
H- Hour set
M- Minute set

Cup holders

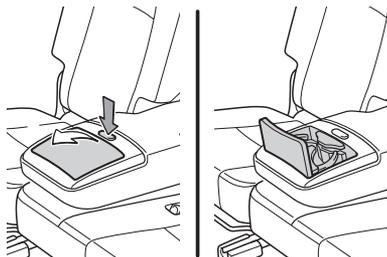
Front seat



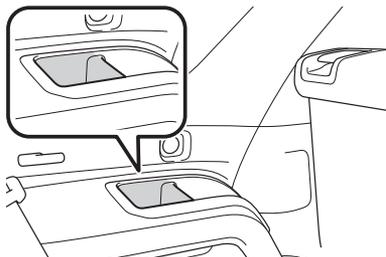
Rear seats (without third row seats)



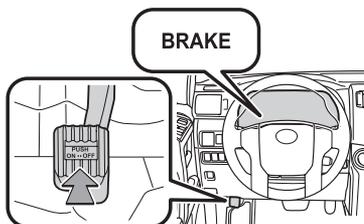
Rear seats (with third row seats)



Third row seats (if equipped)



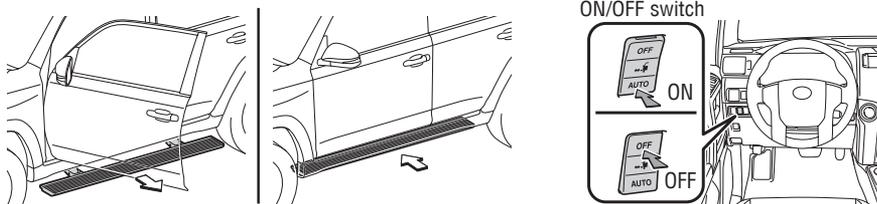
Parking brake



Set: Depress
Release: Depress again

FEATURES & OPERATIONS

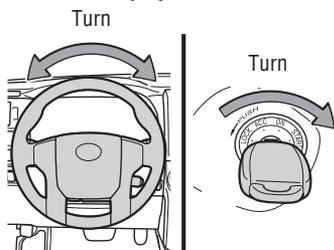
Automatic running boards (if equipped)



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

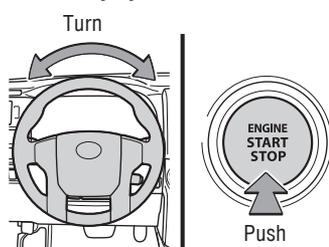
Steering lock release

Without Smart Key system



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

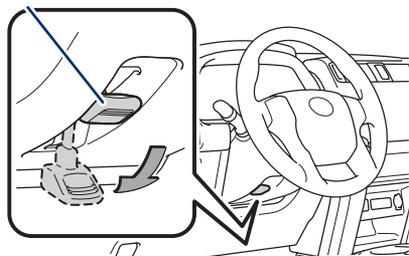
With Smart Key system



When the steering lock cannot be released, “Push the engine switch while turning the steering wheel in either direction” will be displayed on the multi-information display. Press the engine switch shortly and firmly while turning the steering wheel left and right.

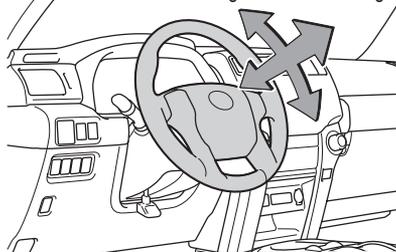
Tilt & telescopic steering wheel

Lock release lever



Angle

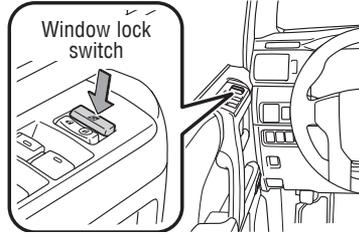
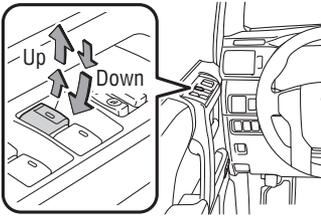
Length



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

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

Windows-Power

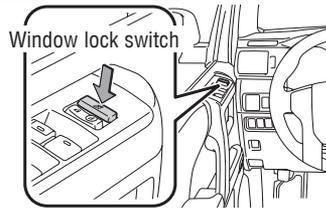
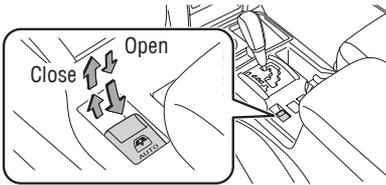


All window auto up/down Push the switch completely down or pull it completely up and release to fully open or close. To stop the window partway, operate the switch in the opposite direction.

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

Window-Back window

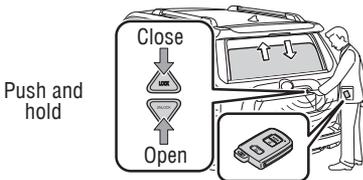
OPERATING FROM INSIDE



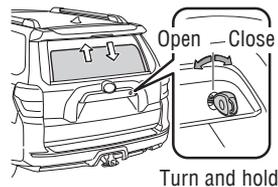
Lightly press either side of the switch while opening/tilting is in progress, the window stops partway.

OPERATING FROM OUTSIDE

With Smart Key system



Without Smart Key system

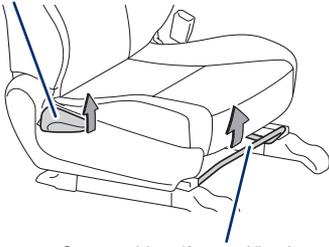


FEATURES & OPERATIONS

Seat adjustments-Front

MANUAL SEAT

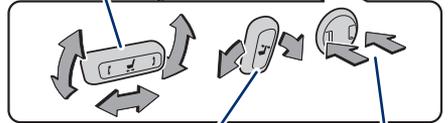
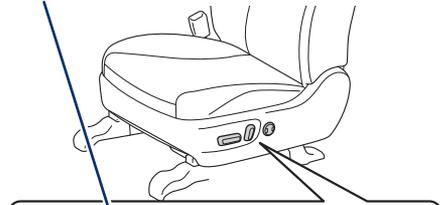
Seatback angle



Seat position (forward/backward)

POWER SEAT

Driver seat: seat position, cushion angle and height
Passenger seat: seat position (forward/backward)

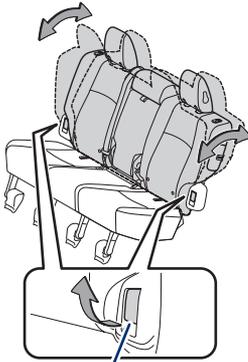


Seatback angle

Lumbar support (driver side only)

Seat adjustments-Rear

VEHICLES WITH 2ND ROW SEATS

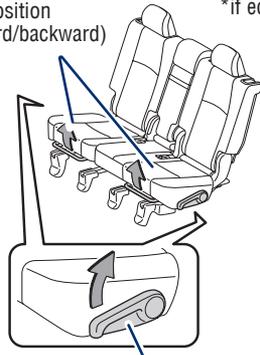


Seatback angle

VEHICLES WITH 3RD ROW SEATS*

Seat position (forward/backward)

*if equipped



Seatback angle

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

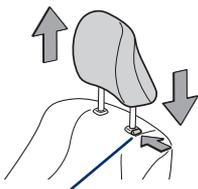
Seats-Head restraints

FRONT & 2ND ROW

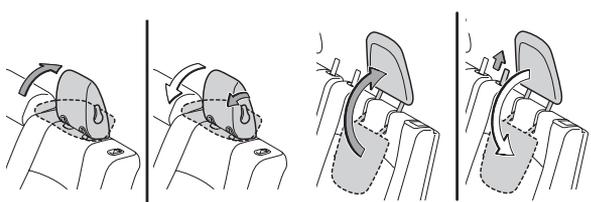
2ND ROW

3RD ROW (IF EQUIPPED)

Vehicles without 3rd row seats

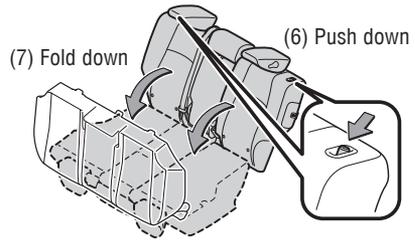
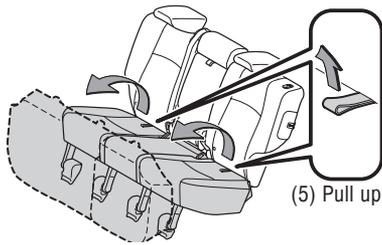
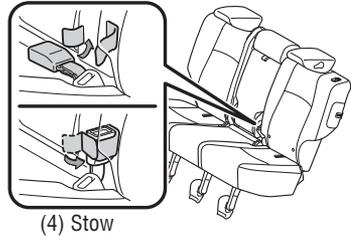
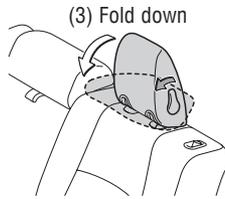
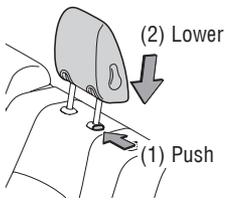


Lock release button

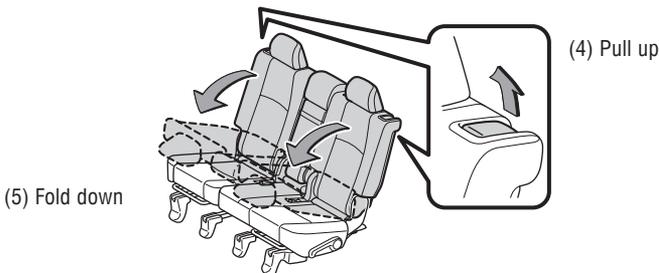
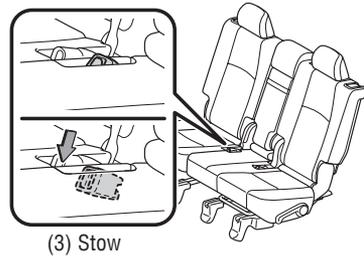
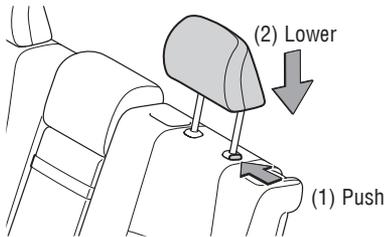


Rear seats-Folding

WITH 2ND ROW SEATS

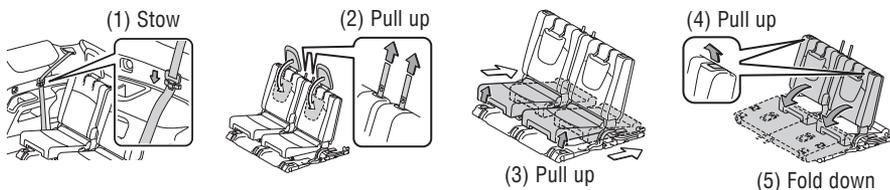


WITH 3RD ROW SEATS (IF EQUIPPED)

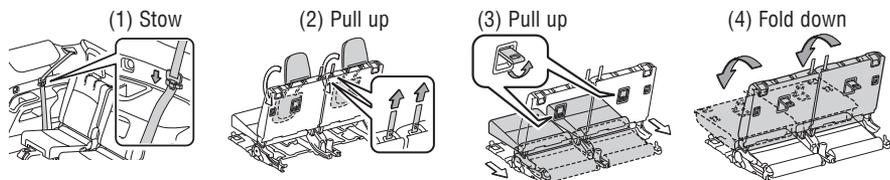


Seats-Stowing 3rd row (if equipped)

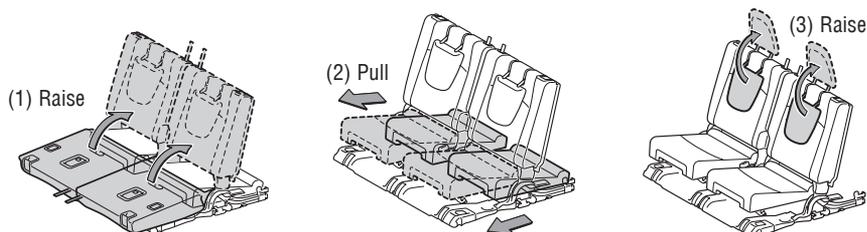
From inside



From outside



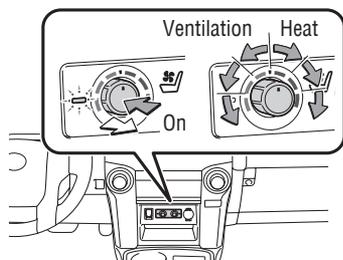
Seats-Returning 3rd row (if equipped)



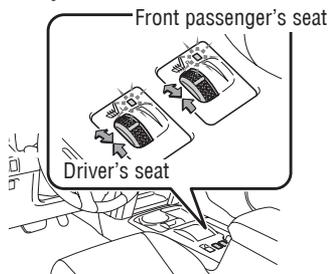
Seat heaters/ventilators (if equipped)

FRONT SEATS

With ventilators



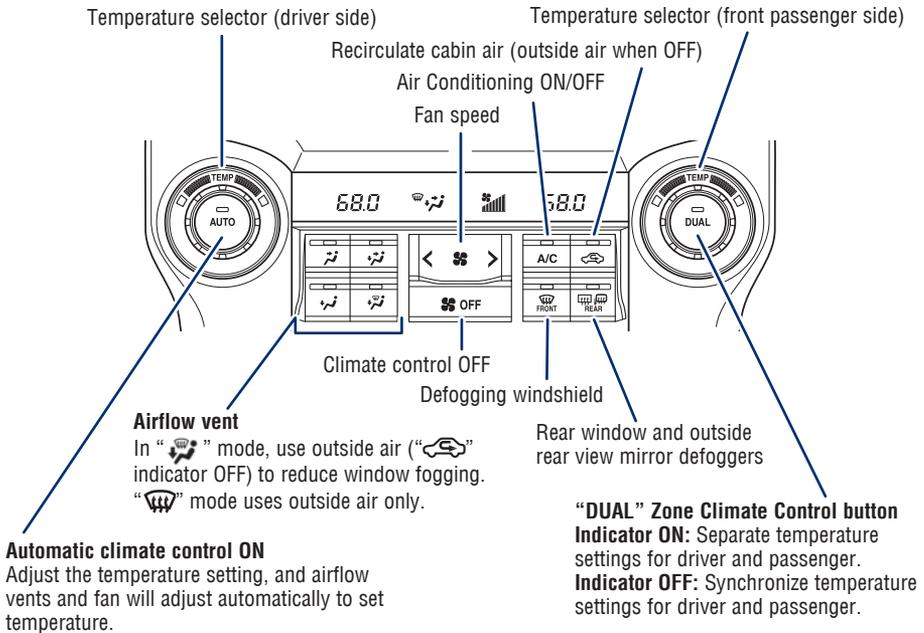
Heater only



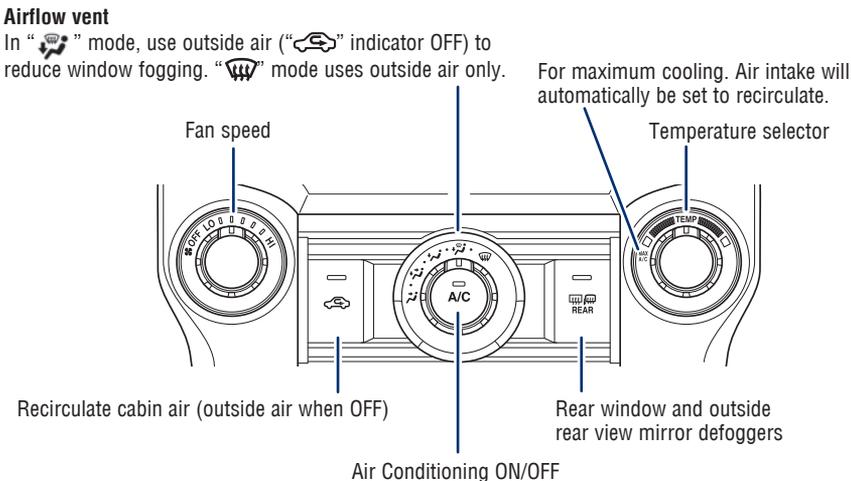
The engine switch must be in the "ON" position (without Smart Key) / "IGNITION ON" mode (with Smart Key) for use.

Air conditioning/heating

AUTOMATIC AIR CONDITIONING (IF EQUIPPED)



MANUAL AIR CONDITIONING (IF EQUIPPED)

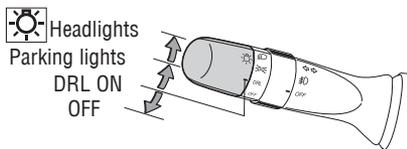


FEATURES & OPERATIONS

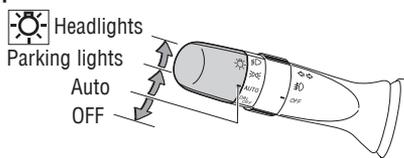
Lights & turn signals

HEADLIGHTS

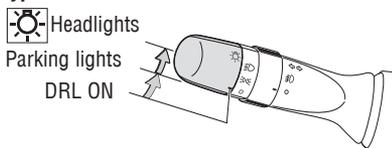
Type A



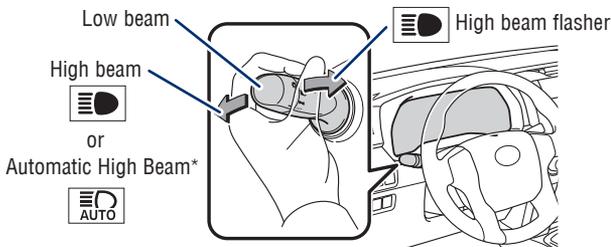
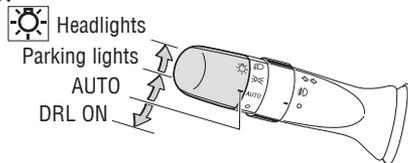
Type B



Type C



Type D



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 Automatically turns lights off after 30 second delay, or the lock switch on remote is pushed after locking.

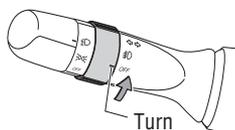
Automatic High Beam (AHB) system Automatically switches between high and low beams as appropriate to enhance vision at night.

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

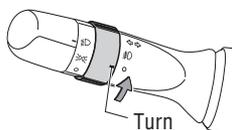
* Operating conditions must be met. Refer to the *Owner's Manual* for details.

FRONT FOG LIGHTS

Type A

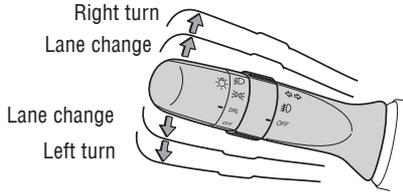


Type B



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

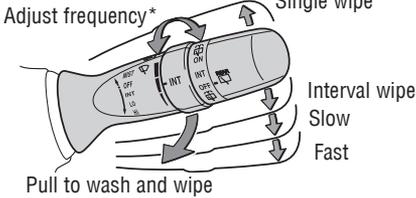
TURN SIGNALS



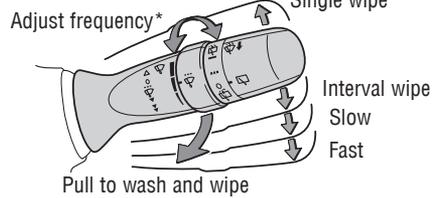
Windshield wipers & washers

FRONT

Type A



Type B



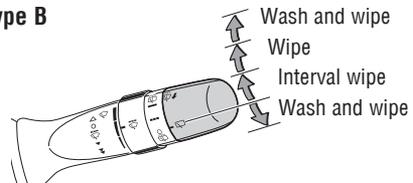
* **Intermittent windshield wiper frequency adjustment** Rotate to increase/decrease wipe frequency.

REAR

Type A

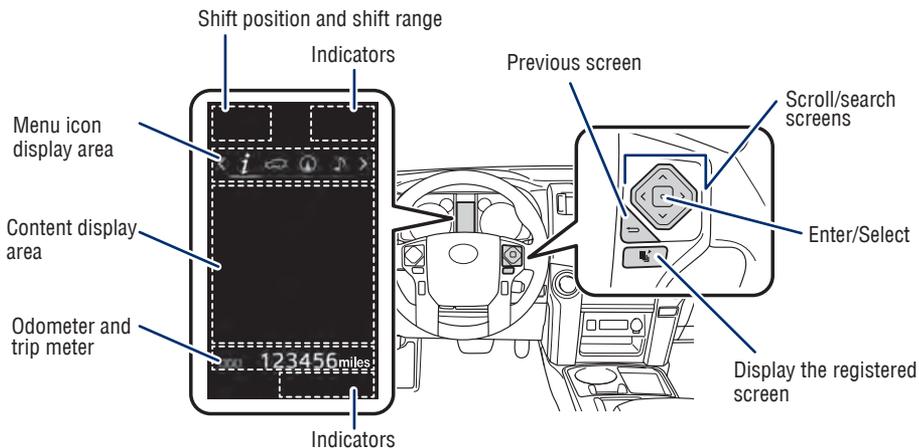


Type B



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

Multi-Information Display (MID)

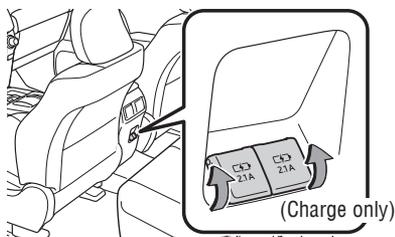


Push MID control switches to view or change information in the following:

-  Driving information
-  Vehicle information
-  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-port



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

Steering wheel switches & telephone controls (Bluetooth®)

Steering wheel switches and telephone switches

“◊” and “◀”

Use to search within the selected audio feature.

“MODE/HOLD”

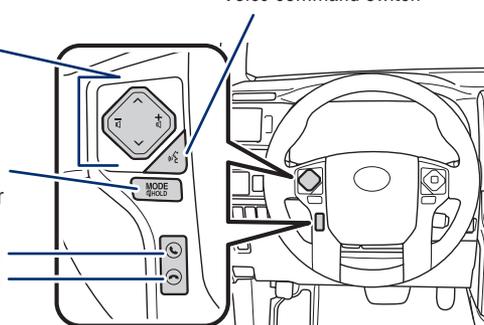
Push to change an audio mode.

Push and hold to mute or pause the audio.

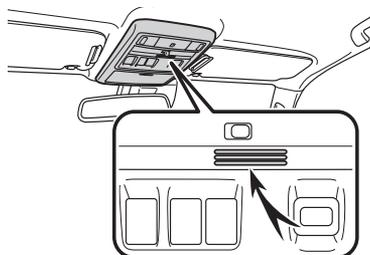
Start call

End call

Voice command switch



Microphone



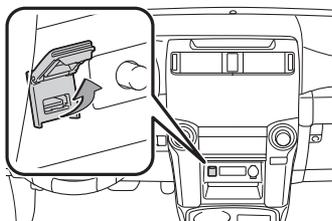
Bluetooth® technology allows dialing or receipt of calls without removing your hands from the steering wheel.

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

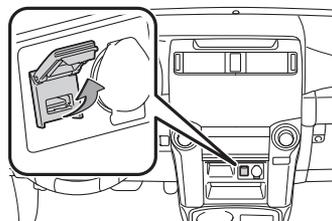
NOTE: Concentrating on the road should always be your first priority while driving. Do not use the Audio Multimedia System if it will distract you.

USB media port

Type A



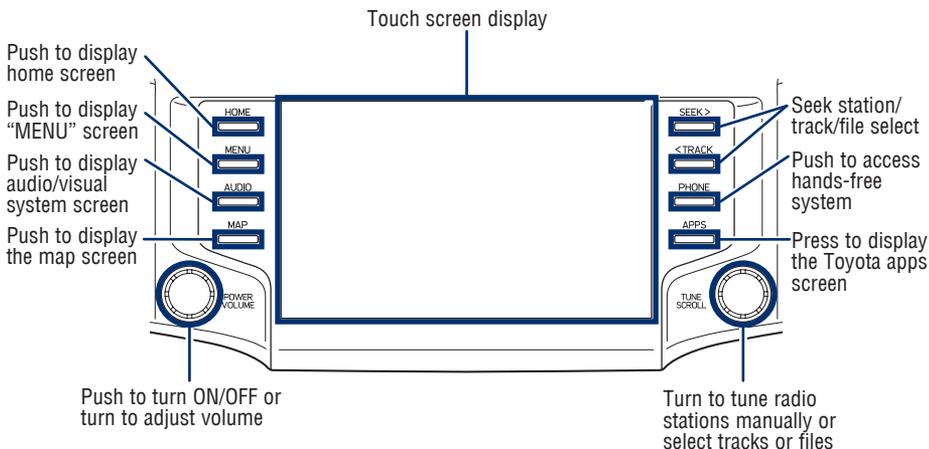
Type B



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

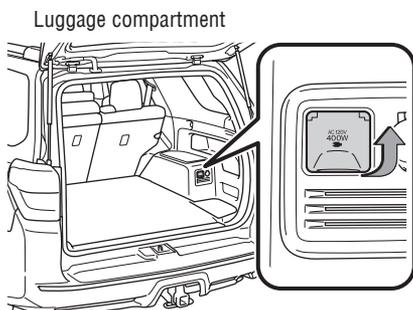
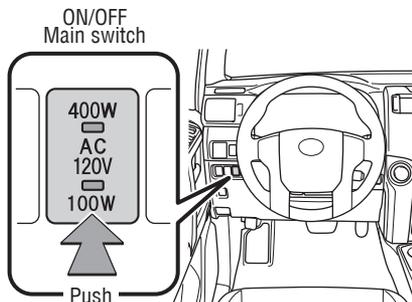
FEATURES & OPERATIONS

Audio



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

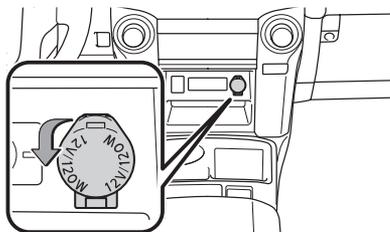
Power outlets-120V AC (if equipped)



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

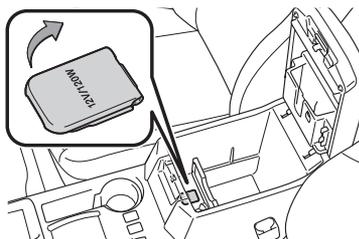
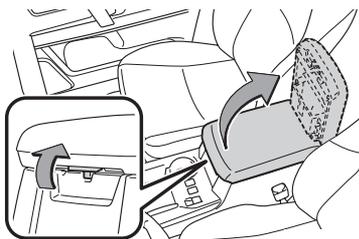
Power outlets-12V DC

CENTER PANEL



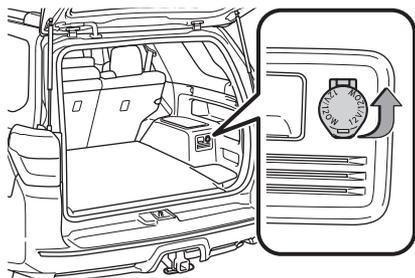
CONSOLE BOX

Inside

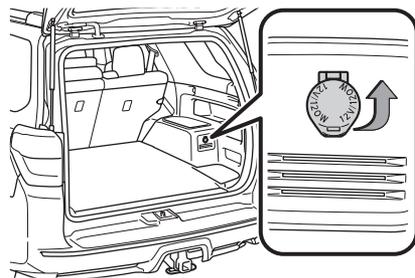


LUGGAGE COMPARTMENT

With 120V AC outlet



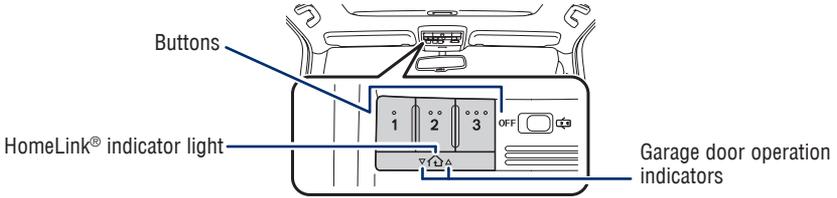
Without 120V AC outlet



NOTE: Designed for car accessories. The engine switch must be in the "ACC" or "ON" position (without Smart Key) / "ACCESSORY" or "IGNITION ON" mode (with Smart Key) for use.

FEATURES & OPERATIONS

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.

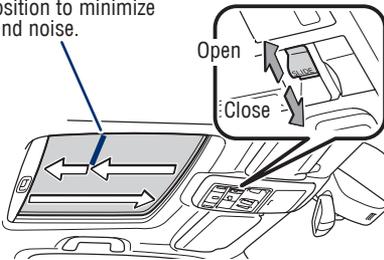
For programming assistance, contact HomeLink® at 1-800-355-3515, or visit <http://www.homelink.com/toyota>.

* HomeLink® is a registered trademark of Gentex Corporation.

Moonroof (if equipped)

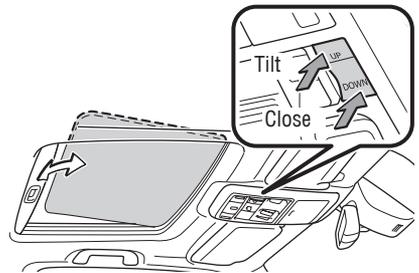
SLIDING OPERATION

Recommended open position to minimize wind noise.



Push once to open partway; again to open completely.

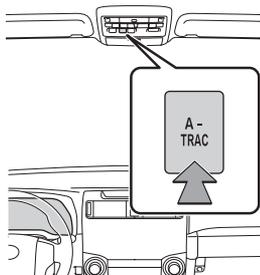
TILTING OPERATION



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)

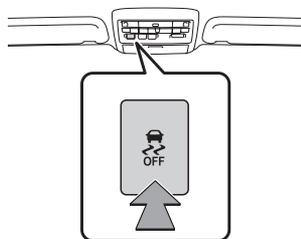


A-TRAC

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

Refer to Section 4-5 of the Owner's Manual for limitations and more information.

Vehicle Stability Control (VSC) OFF button



AUTO
LSD

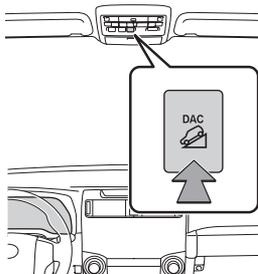


TRAC
OFF

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

Refer to Section 4-5 of the Owner's Manual for limitations and more information.

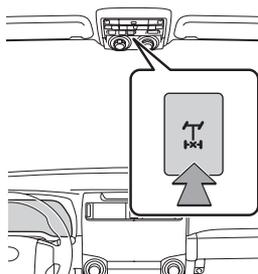
Downhill assist control system (if equipped)



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 Section 4-5 of the Owner's Manual for limitations and more information.

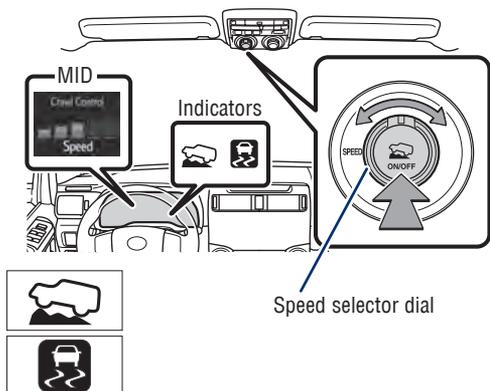
Rear differential lock system (if equipped)



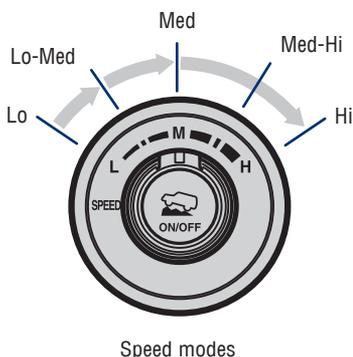
The rear differential lock system is provided for use only when wheel spinning occurs in a ditch or on a slippery or rugged surface. The following systems do not operate when the rear differential is locked. (ABS/Multi Terrain ABS/Brake assist system/VSC/Hill-start assist control)

Refer to Section 4-5 of the Owner's Manual for limitations and more information.

Crawl Control (if equipped)



Speed selector dial



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 MID.

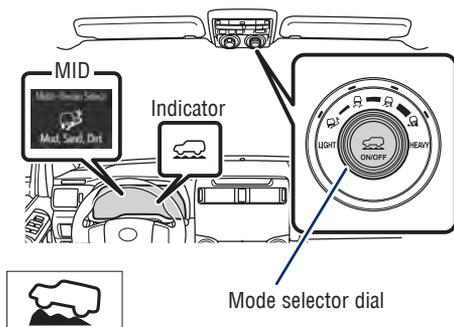
Lo to Lo-Med - Rock, mogul (downhill) and gravel (downhill)

Lo-Med to Med - Mogul (uphill)

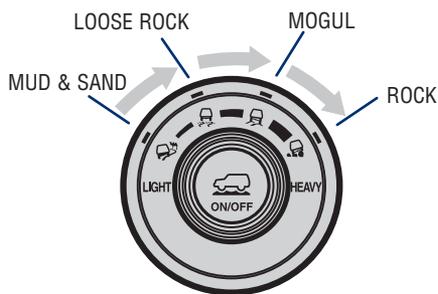
Med-Hi - Snow, mud, gravel (uphill), sand, dirt, mogul (uphill) and grass

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

Multi-terrain select (if equipped)



Mode selector dial



Multi-terrain Select modes

The Multi-terrain Select system has 4 terrain modes. When a terrain mode is selected in accordance with terrain conditions, engine power and active traction control system is 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.

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 <http://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 millimeter-wave radar sensor system is designed to work with the camera sensor 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.

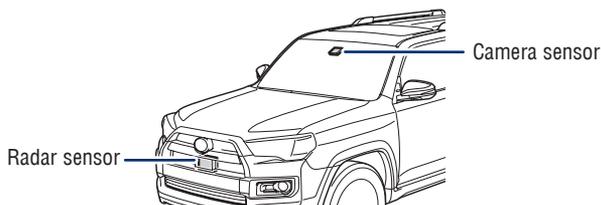


Automatic High Beams (AHB)

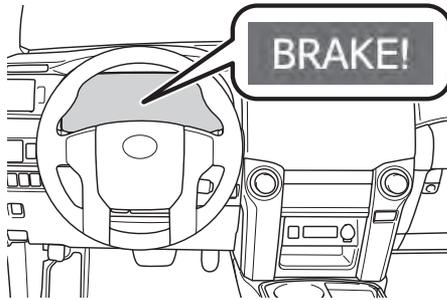
AHB is designed to detect the headlights of oncoming vehicles and the tail lights of preceding vehicles and switch between high beams and low beams as appropriate.

Sensors

TSS-P combines an in-vehicle camera mounted in front of the inside rear view mirror and a millimeter-wave radar mounted in the front grill. These sensors support the driver assist systems.



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



The Pre-Collision System uses a radar sensor and camera sensor to help detect a vehicle or pedestrian in front of your vehicle.

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 radar and camera sensors, preventing the system from operating or engaging properly.

Refer to the Toyota Owner's Manual for a list of additional situations in which the system may not operate properly.

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

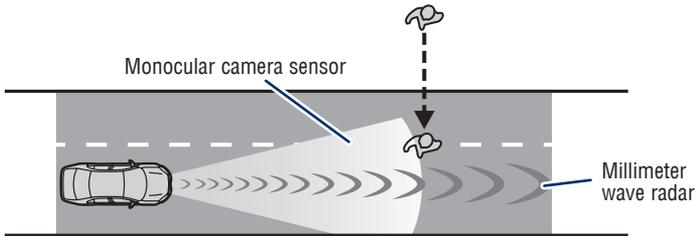
If the driver does not brake in a set time and the system determines that the possibility of a frontal collision with a preceding vehicle is extremely high, the system may automatically apply the brakes, reducing speed in order to help the driver reduce the impact and in certain cases avoid the collision.

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.

TOYOTA SAFETY SENSE™

PCS PEDESTRIAN DETECTION

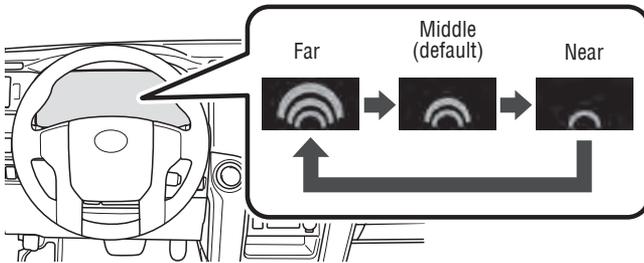
Under certain conditions, the PCS system included with the TSS-P package may also help to detect a pedestrian in front of your vehicle using the in-vehicle camera and front grille-mounted radar. The in-vehicle camera of PCS detects a potential pedestrian based on size, profile, and motion of the detected 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.

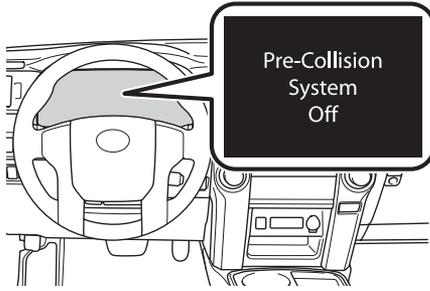
Refer to the Toyota Owner's Manual for additional limitations and information.

CHANGING PCS SENSITIVITY



- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “<>” switches and select “” and then press “□”.
- (3) Press “<>” switches and select “Sensitivity” and then press “□” to select the desired setting.
- (4) Press “↩” to go back to the menu.

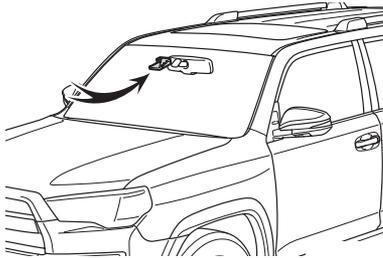
Note: PCS is enabled each time the engine switch is turned to Ignition On. The system can be disabled/enabled and the alert timing of the system can be changed. (Alert timing only, brake operation remains the same).



- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “<” switches and select  from the MID and then press “○”.
- (3) Press “>” switches and select “PCS on/off” 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 operation, settings adjustments, limitations, and precautions before attempting to use it.

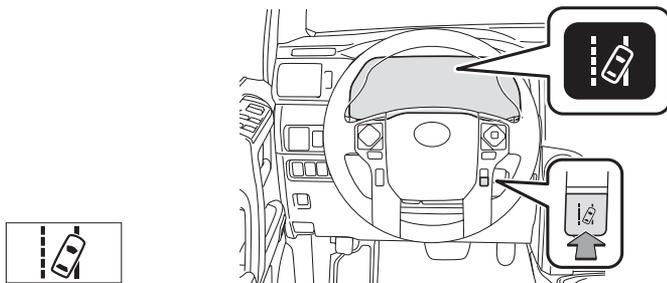
Lane Departure Alert (LDA)



LDA in TSS-P uses an in-vehicle camera designed to detect visible white and yellow lane markers in front of the vehicle and the vehicle’s position on the road. If the system determines that the vehicle is starting to unintentionally deviate from its lane, the system alerts the driver with an audio and visual alert. When the alerts occur, the driver must check the surrounding road situation and carefully operate the steering wheel to move the vehicle back to the center part of their lane.

LDA is designed to function at speeds of approximately 32 mph (50 km/h) or higher on relatively straight roadways.

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 cancelled.

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.

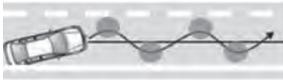
- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “<” switches and select  and then press “○”.
- (3) Press “<” switches and select “Alert sensitivity” and then press “○” to select the desired setting.
- (4) Press “>” to go back to the menu.

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 displays in 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 “○”.
- (3) Press “◇” switches and select “Sway warning” and then press “○” to select the desired setting ON/OFF.
- (4) Press “➔” to go back to the menu.

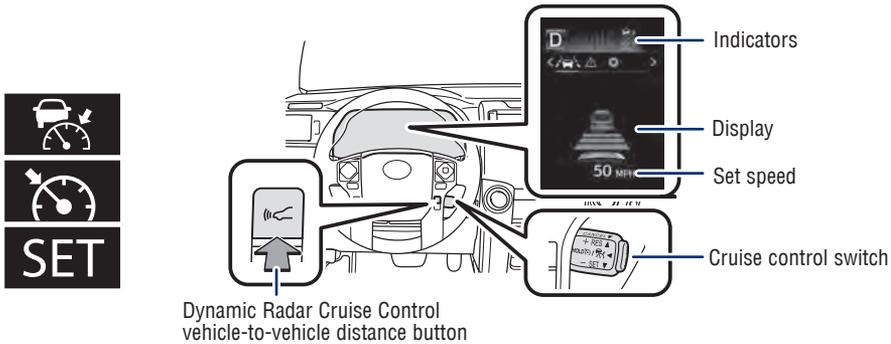
ADJUSTING SWAY ALERT SENSITIVITY

- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “◇” switches and select “” and then press “○”.
- (3) Press “◇” switches and select “SWAY 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.

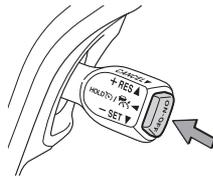
Dynamic Radar Cruise Control (DRCC)

DRCC helps maintain a pre-set distance to a preceding vehicle when the preceding vehicle is traveling at a lower speed. This mode is always selected first when the cruise control button is depressed. Constant speed cruise control mode is also available. DRCC is designed to function at speeds between approximately 30 to 110 MPH and is intended for highway use.



TURNING SYSTEM ON/OFF

(1)

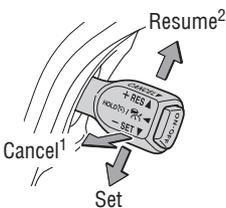


Push once: On
Push twice: Off

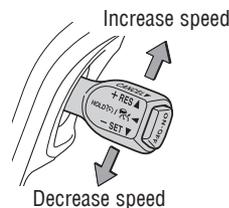
Refer to page 37 for switching to Constant Speed (Cruise) Control Mode.

ADJUSTING SET SPEED

(2)



(3)

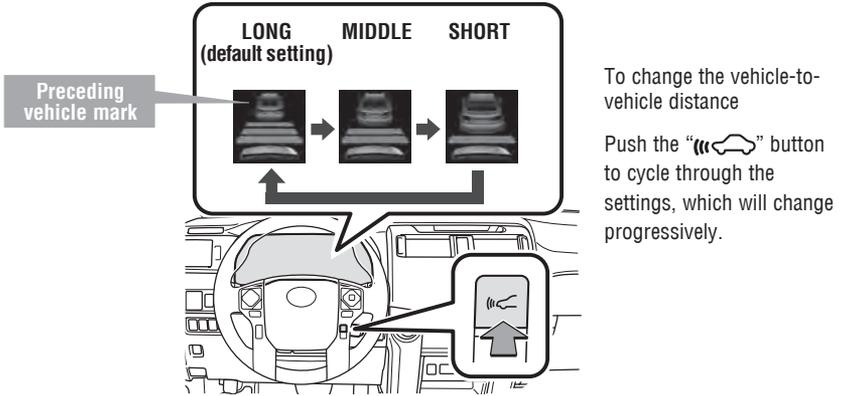


Vehicle will cruise at a set speed, decelerate to maintain selected distance from a slower vehicle traveling in front and accelerate back up to the selected speed if the vehicle in front changes lanes or speeds up.

- (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.
- (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 set speed may also be cancelled by depressing the brake pedal.

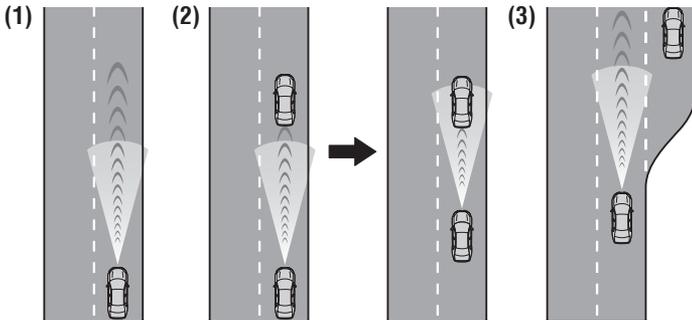
² The set speed may be resumed once vehicle speed exceeds 25 mph (40 km/h).



To change the vehicle-to-vehicle distance
Push the “” button 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 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.

(2) Deceleration cruising and follow-up cruising when a preceding vehicle driving slower than the set speed appears

When a vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies 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)

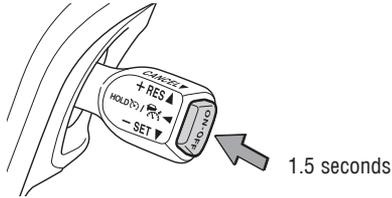
(3) Acceleration when there are no longer any preceding vehicles driving slower than the set speed

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

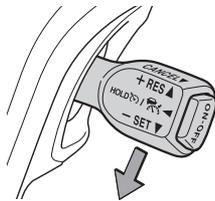
(1)



If you are already using DRCC “”, push button again to turn the system off first, then push and hold 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

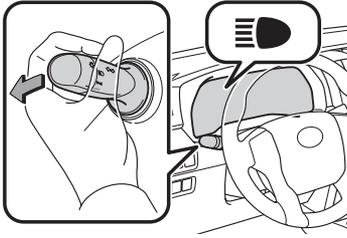


To adjust speed or cancel, see steps (2) and (3) of ADJUSTING SET SPEED on page 35.

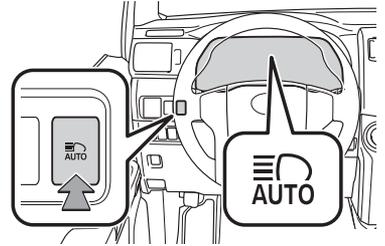
Refer to the Toyota Owner's Manual for additional information on DRCC operation, settings adjustments, limitations, and precautions before attempting to use it.

Automatic High Beams (AHB)

(1)



(2)



AHB is a safety system designed to help drivers see more of what's ahead at nighttime while reducing glare for oncoming drivers. When enabled, AHB uses an in-vehicle camera to help detect the headlights of oncoming vehicles and tail lights of preceding vehicles, then automatically switches between high and low beams as appropriate to provide the most light possible and enhance forward visibility. By using high beams more frequently, the system may allow earlier detection of pedestrians and obstacles.

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) With the engine switch in IGNITION ON mode, turn the headlight switch to “” or “” position.
- (2) Push lever away from you.
- (3) Press the “” 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 to turn the AHB system off.

The AHB indicator will turn off. To turn switch to “” position and the manual high beam indicator “” turns on.

CONDITIONS WHERE AHB WILL TURN ON/OFF AUTOMATICALLY

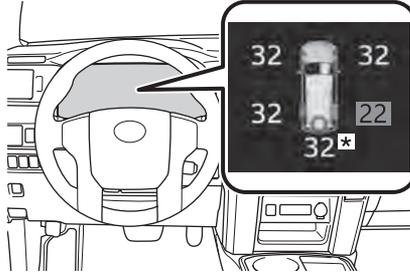
When all of these conditions are met, high beams will be automatically turned on (after approximately 1 second):

- 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 street lights on the road ahead.

If any of these conditions occur, the system is designed to automatically turn off high beams:

- 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 rest initialization

- (1) Select “Vehicle Settings” and then push and hold “”.
- (2) Select “TPWS” and then push “”.
- (3) Select “Set Pressure” then push and hold “” until the warning light blinks three times.

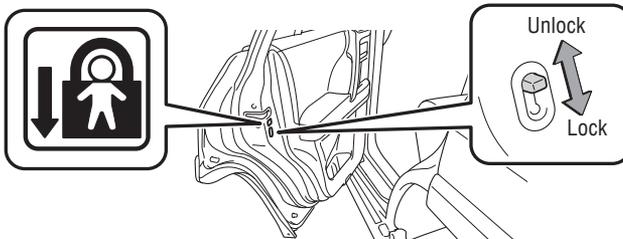
The tire pressure detected by the tire pressure warning system can be displayed on the multi-information display (MID).

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

If the tire pressure indicator flashes for more than 60 seconds and then remains on, take the vehicle to your local Toyota dealer.

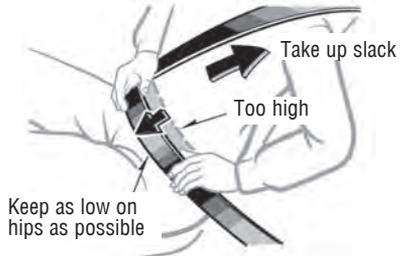
NOTE: The warning light may come on due to temperature changes or changes in tire pressure from natural air leakage. If the system has not been initialized recently, setting the tire pressures to factory specifications should turn off the light.

Rear door child safety locks



SAFETY & EMERGENCY FEATURES

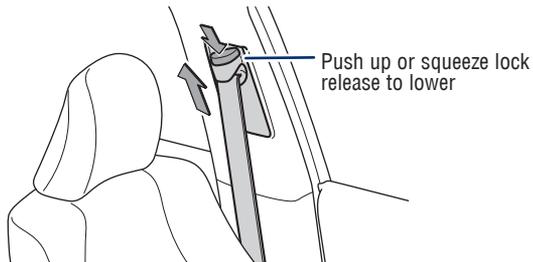
Seat belts



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.

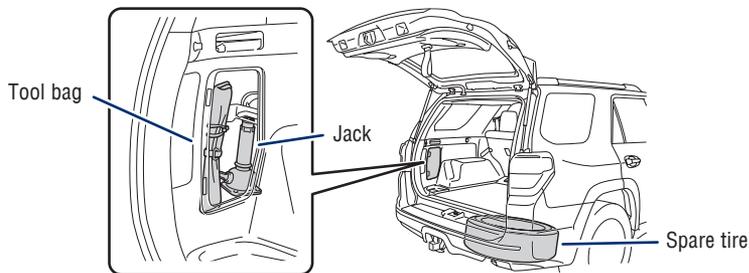
To find more information about seat belts, and how to install a child restraint system, refer to the Owner's Manual.

Seat belts-Shoulder belt anchor



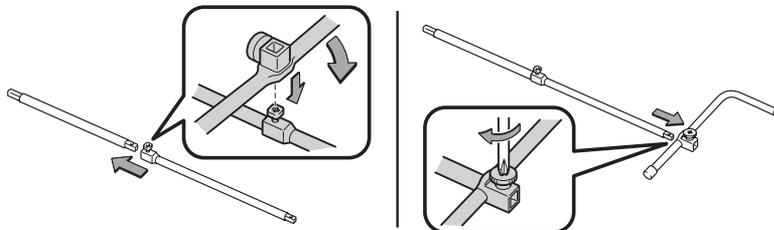
Spare tire & tools

TOOL LOCATION



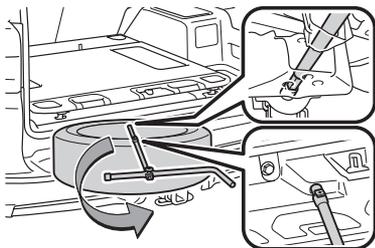
REMOVING THE SPARE TIRE

(1)



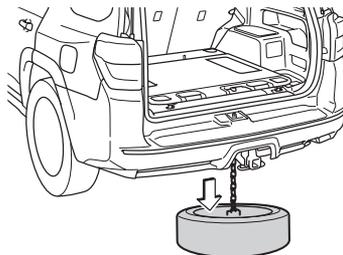
Assemble the jack handle.

(2)



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

(3)

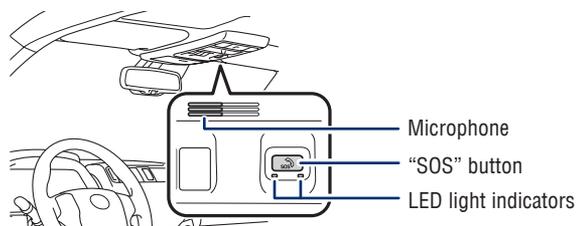


Turn the jack handle counterclockwise.

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

SAFETY & EMERGENCY FEATURES

Safety Connect (if equipped)



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 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 ABS sensors detect 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.

SAFETY & EMERGENCY FEATURES

TRACTION CONTROL (TRAC)

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).

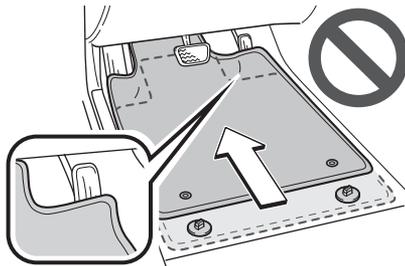
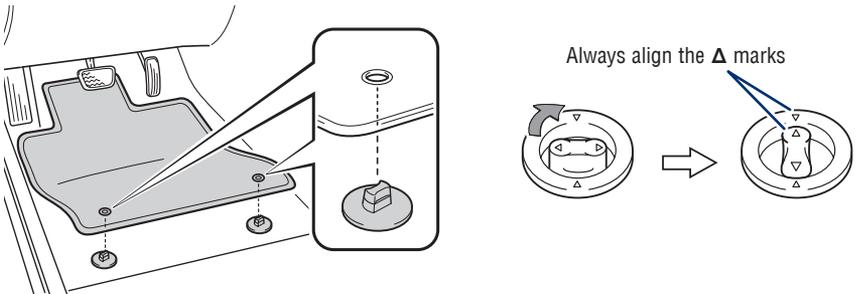
Toyota's TRAC sensors are activated when one of the drive wheels starts to slip. TRAC limits engine output and applies the brakes to the spinning wheel. This transfers power to the wheels that still have traction to help keep you on track.

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.
- Use only 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 on the faceplate of your multimedia system.

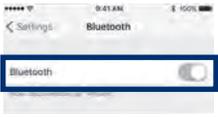
Bluetooth® Pairing for your phone

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.¹

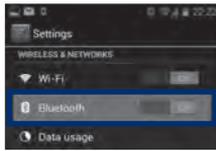


Audio / Audio Plus / Premium Audio

STEP 1 Press [MENU] on the audio system faceplate, then select "Setup" on display screen.



iPhone bluetooth Menu

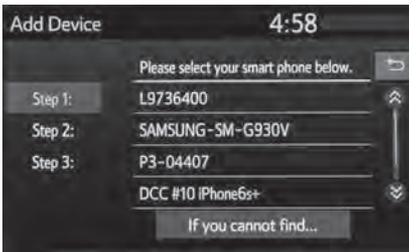


Android bluetooth Menu



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

STEP 2 Ensure Bluetooth is turned on for your device.



STEP 4 Select "Device Name".



STEP 5 Check the display on your smart 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.)

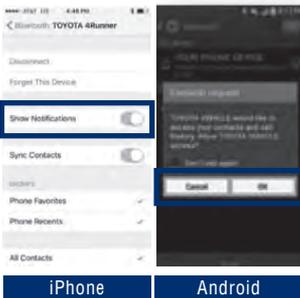


STEP 6 "Connecting" displays while device is forming the connection to your multimedia system.



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**.



iPhone

Android

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.

NOTES



4RUNNER

Quick Reference Guide 2020



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toyota.com



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