QUICK REFERENCE GUIDE

Land Cruiser

2020

2020

LAND CRUISER

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 Land Cruiser.

A word about safe vehicle operations

This Quick Reference Guide is not a full description of Land Cruiser operations. Every Land Cruiser 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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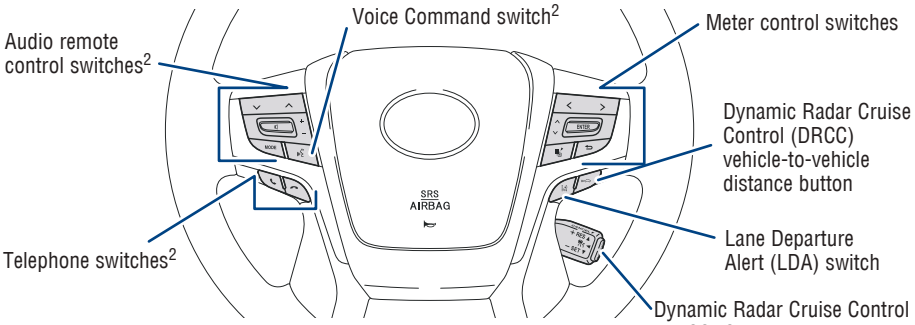
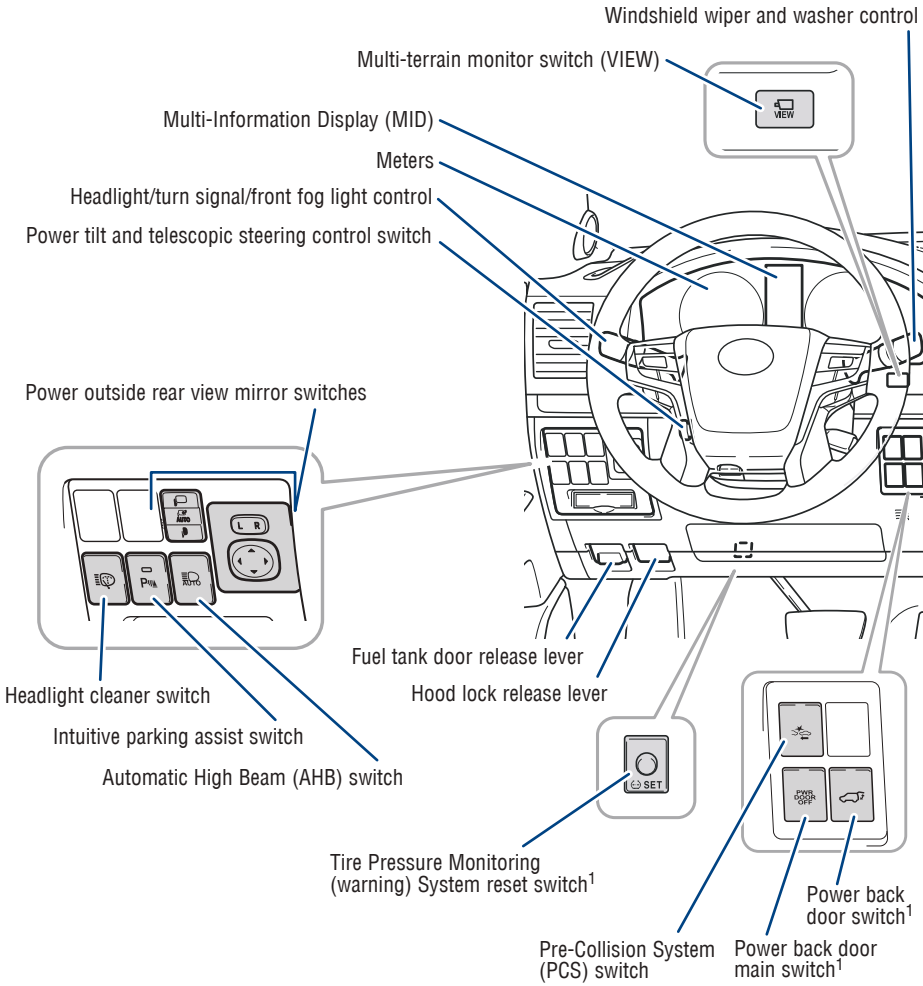
[1] Visit your Toyota dealer for information on customizing this feature.
[2] Programmable by customer. Refer to the Owner's Manual for instructions and more information.
[3] HomeLink® is a registered trademark of Gentex Corporation.

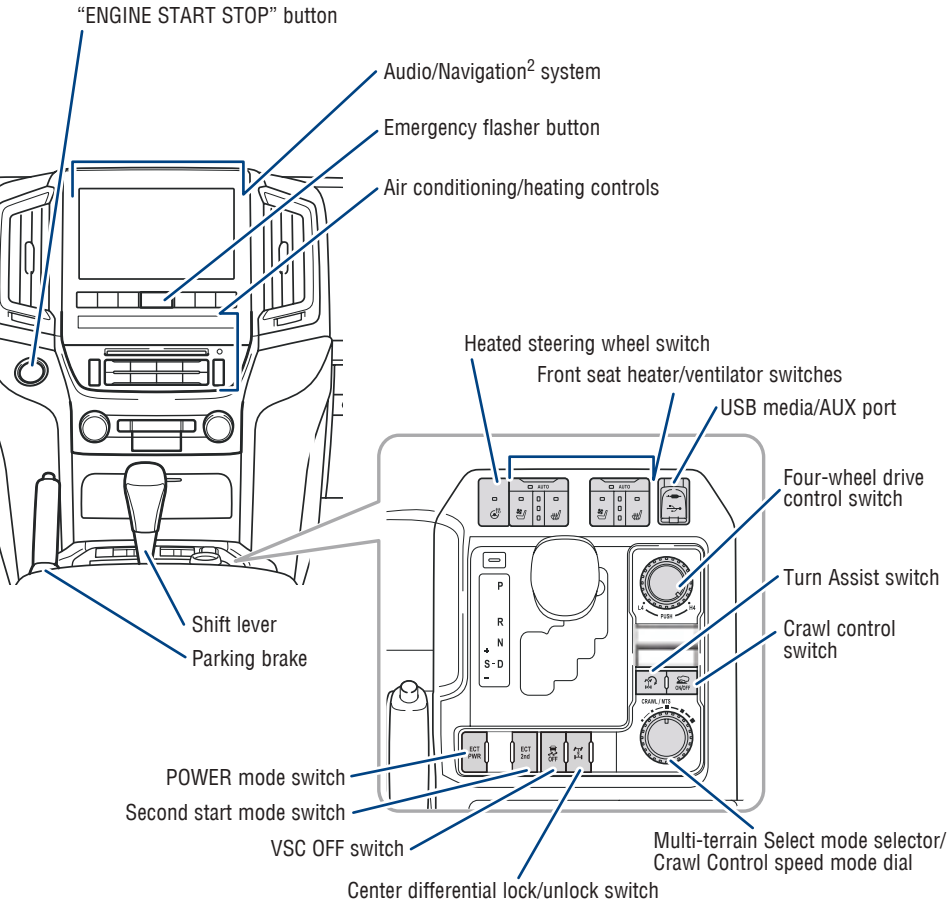
Instrument panel



Steering wheel controls

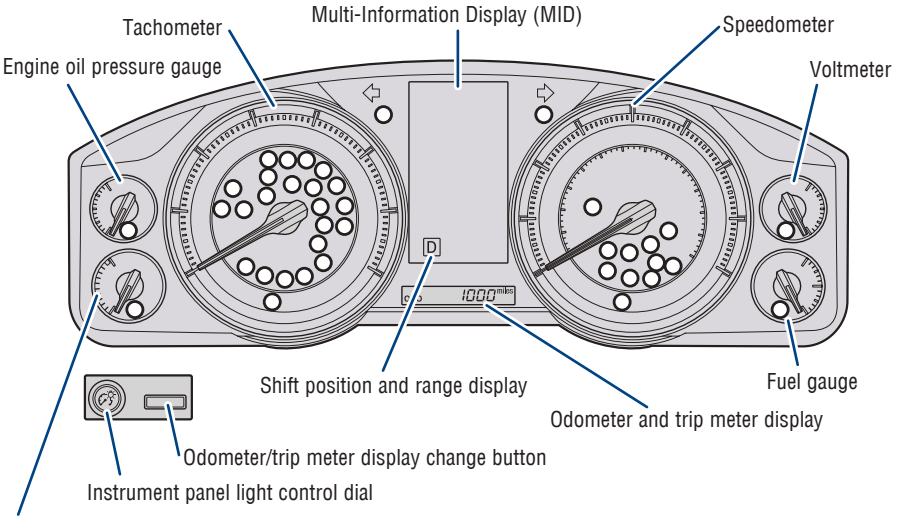


[1] If equipped
[2] For details, refer to the “Navigation System Owner’s Manual” or visit www.toyota.com/audio-multimedia for additional resources.



Instrument cluster

Vehicles with a monochrome display



○ Service indicators and reminders

Indicator symbols

For details, refer to "Indicators and warning lights," Section 2, 2020 Owner's Manual.

- AIR BAG ON-OFF indicator[1]
- Airbag SRS warning[1]
- Anti-lock Brake System (ABS) warning[1]
- Arrow direction indicates fuel tank door position
- Auto High Beam (AHB) indicator
- Automatic headlight leveling system warning[1,2]
- Blind Spot Monitor (BSM) indicator[1,4]
- Brake system warning[1]
- BSM outside rear view mirror indicators[4]
- BSM w/Rear Cross Traffic Alert (RCTA) Indicator[4]
- Center differential lock indicator
- Charging system warning[1]
- Crawl Control indicator[1]
- Constant speed cruise control indicator/Constant speed cruise control SET indicator


Driver seat belt reminder (alarm will sound when the engine switch is IGNITION ON mode)

Dynamic Radar Cruise Control (DRCC) indicator/DRCC SET indicator

ECO driving indicator[1]


Fog light indicator

Front passenger seat belt reminder (alarm will sound if the seat belt is not fastened)


Headlight low/high beam indicator


Lane Departure Alert (LDA) indicator


Low fuel level warning

Low speed four-wheel drive indicator


Low Tire Pressure Warning[1]

Malfunction/Check Engine indicator[1]


Master warning[1,2]


Multi-terrain select indicator


Open door warning

Parking brake indicator

Power mode indicator

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

Second start indicator (Automatic Transmission)

Shift position and range indicators


Slip indicator[1,3]

TRAC OFF indicator[1]


Turn assist function indicator


Turn signal indicator

Vehicle Stability Control (VSC) OFF indicator[1]

[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.*

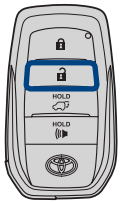
[2] *If the indicator flashes, there may be a malfunction. Refer to the Owner's Manual.*

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

[4] *If equipped.*

Keyless entry

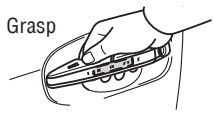
UNLOCKING OPERATION



Push
ONCE: Driver door
TWICE: All doors

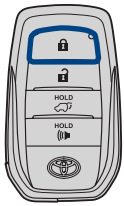
Carry Smart Key remote

Front door unlock*



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

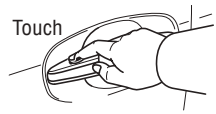
LOCKING OPERATION



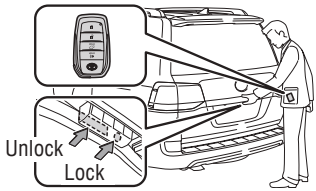
Push

Carry Smart Key remote

All-door lock



BACK DOOR LOCK/UNLOCK

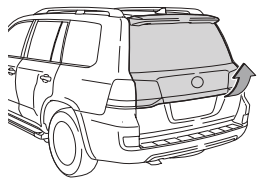


Carry Smart Key remote

POWER BACK DOOR (IF EQUIPPED)

HOLD

Push and hold



* Driver door unlocking function can be programmed to unlock driver door only, or all doors.

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

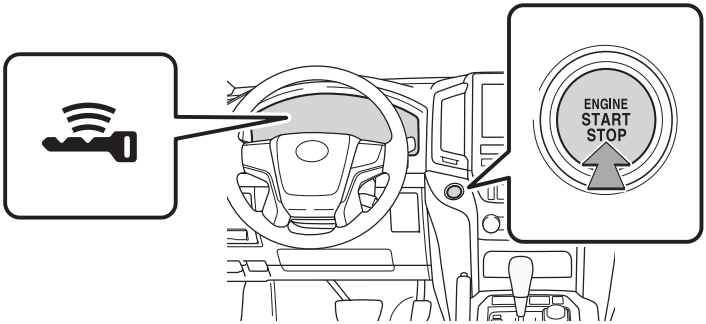
NOTE: Doors may also be locked/unlocked using remote.

PANIC BUTTON

Push and hold

Smart Key system

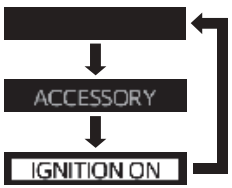
START FUNCTION



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:

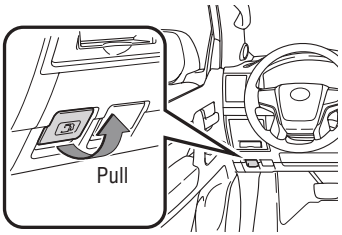


Off - All systems OFF. Emergency flashers can be used.

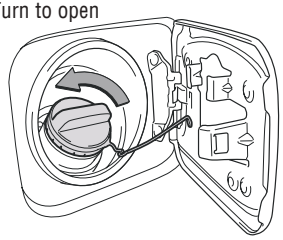
Accessory – Some electrical components can be used.

On - All electrical components can be used.

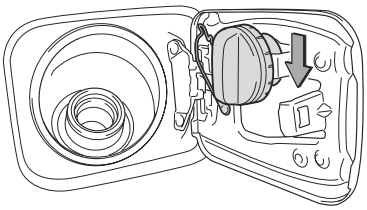
Fuel tank door release & cap



Turn to open

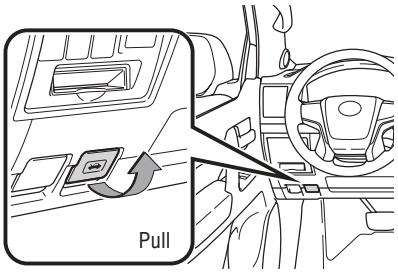


Store

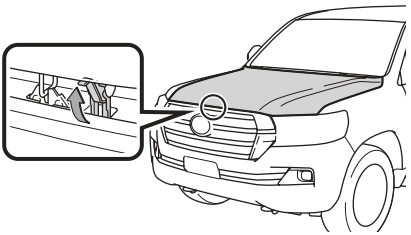


NOTE: Tighten until one click is heard. If the cap is not tightened enough, Check Engine "CHECK" indicator may illuminate.

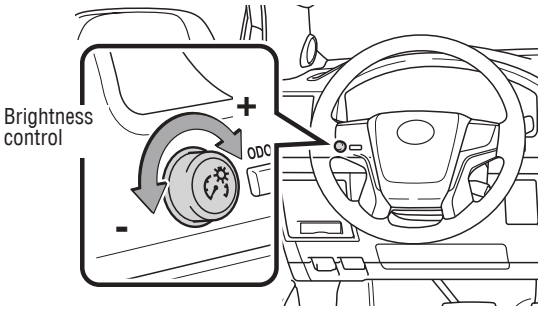
Hood release



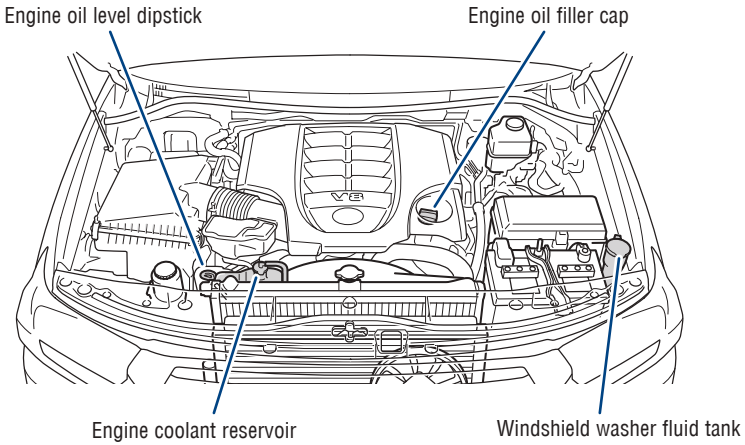
Pull up latch and raise hood



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.

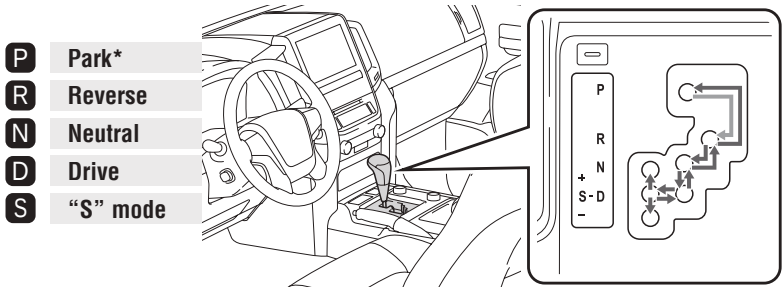
Shift position linked door locking/unlocking function
-Doors lock when shifting from Park.
-Doors unlock when shifting into Park.

Speed linked door locking function
-Doors lock when the vehicle speed is approximately 12 mph or higher.

Driver's door linked door unlocking function
-Doors unlock when the driver's door is opened within 45 seconds after turning the "ENGINE START STOP" switch OFF.

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.

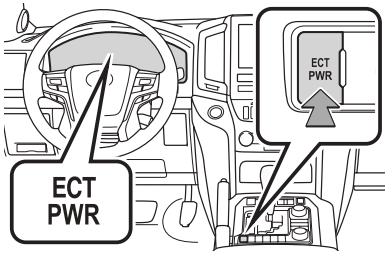
"S" (SEQUENTIAL) MODE

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

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

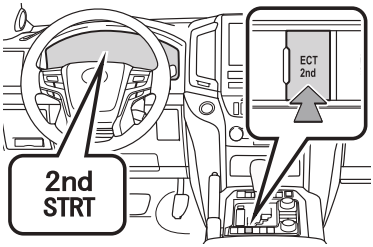
Downshifting increases power going uphill, or provides engine braking downhill. For best fuel economy during normal driving conditions, always drive with the shift lever in the "D" position.

POWER MODE



For powerful acceleration and driving in mountainous regions. Press button again to return to normal mode.

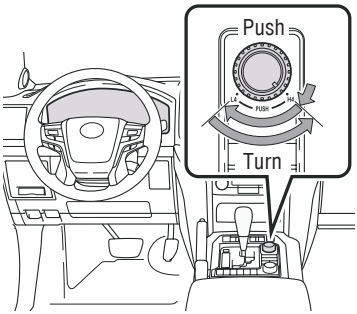
SECOND GEAR START MODE



For starting on slippery surfaces, such as snowy roads. Press button again to return to normal mode.

Four-wheel drive

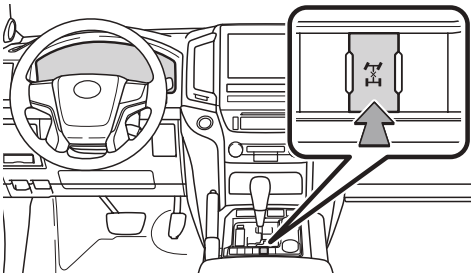
FOUR-WHEEL DRIVE CONTROL SWITCH



4LO

H4	High speed
L4	Low speed Shift to “N” position when stopped, then push and turn to “L4.”

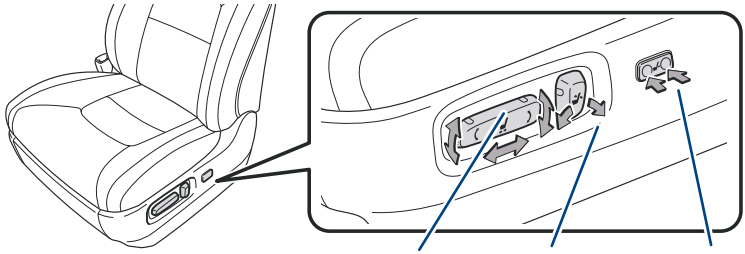
CENTER DIFFERENTIAL LOCK/UNLOCK SWITCH



Lock the center differential when your vehicle’s wheels get stuck in a ditch or when driving on a slippery or bumpy surface.

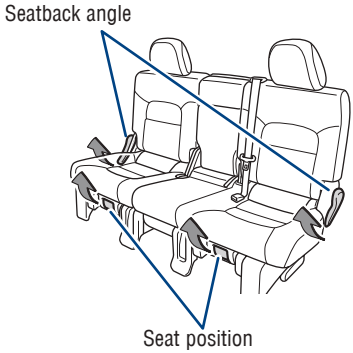
Refer to the Owner’s Manual for limitations and more details on this system.

Seat adjustments-Front

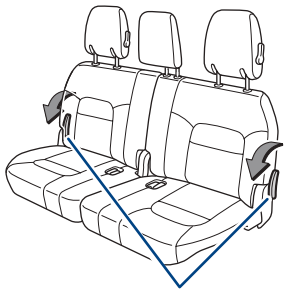


Seat adjustments-Rear

Second row



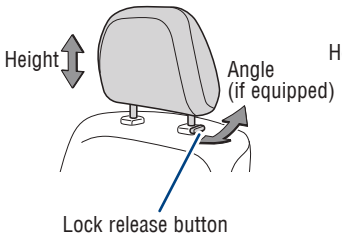
Third row - fold down (if equipped)



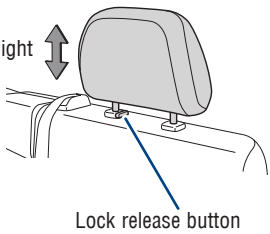
Refer to the Owner's Manual for more details.

Seats-Head restraints

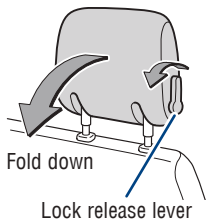
Front



Second row

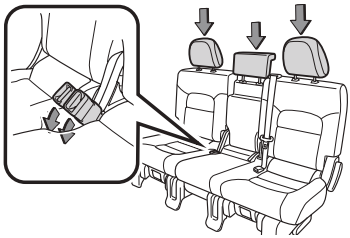


Third row (if equipped)



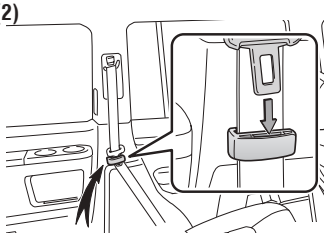
Seats-Tumbling 2nd row seats

(1)



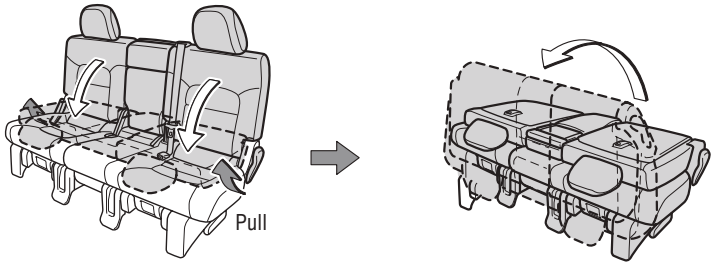
Stow the seat belt buckles and lower the head restraints.

(2)



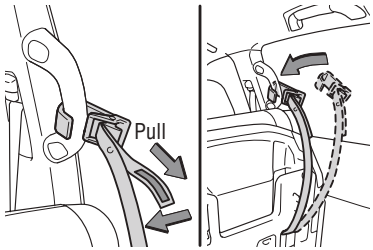
Hook the seat belt to the seat belt hangers.

(3)



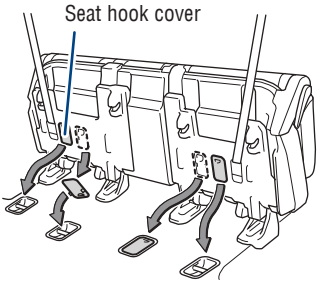
Fold down the seatback and swing the whole seat up and forward.

(4)



Hook the holding strap to the assist grip and secure the seat.

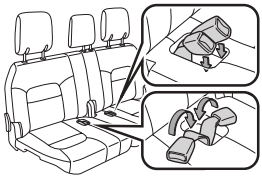
(5)



Install the seat hook covers on the seat hooks.

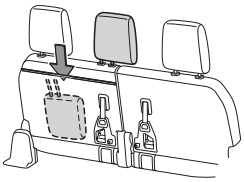
Seats-Tumbling 3rd row seats *(if equipped)*

(1)



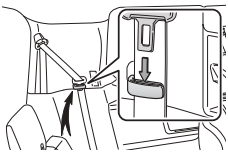
Stow the seat belt buckles.

(2)



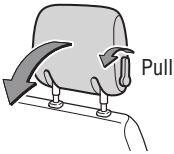
Stow the center head restraint.

(3)



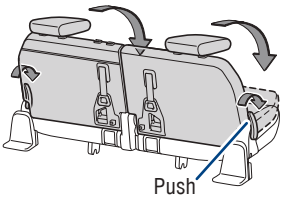
Hook the seat belt to the seat belt hangers.

(4)



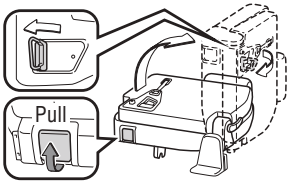
Fold down the outer head restraints.

(5)



Fold the seats.

(6)

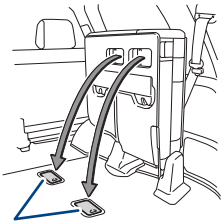


Lift the seats sideward.

(7)

Lock the seats.

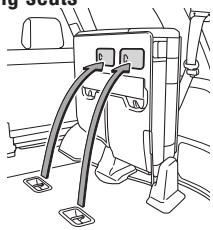
(8)



Install the seat hook covers on the seat hooks.

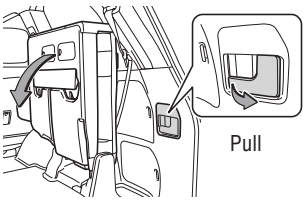
Returning seats

(1)



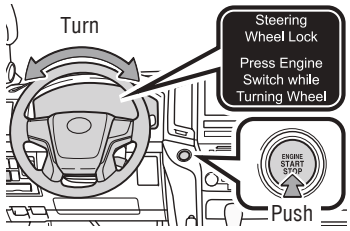
Install the seat hook covers into the back of the seat cushions.

(2)



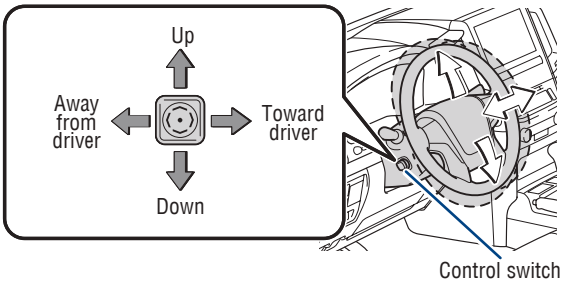
Lower the seats to their original position.

Steering lock release



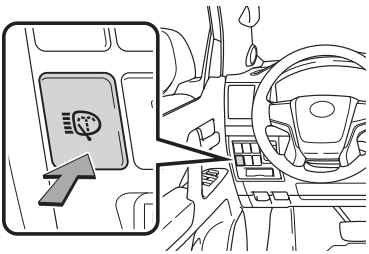
A message will be displayed on the multi-information display. Check that the shift lever is set in P. Press the engine switch while turning the steering wheel left and right.

Tilt and telescopic steering wheel



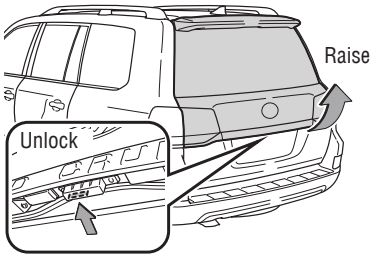
NOTE: Do not attempt to adjust while the vehicle is in motion.

Headlight cleaner switch

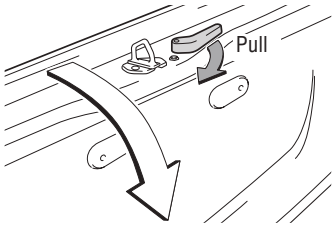


Back door

Upper back door



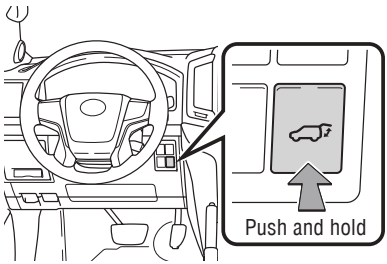
Lower back door



The back door can be locked and unlocked using the entry function, wireless remote control or door lock switch.

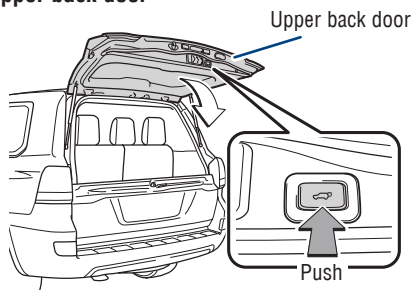
Power back door (if equipped)

Instrument panel



Open: Push and hold
Close: Push and hold again

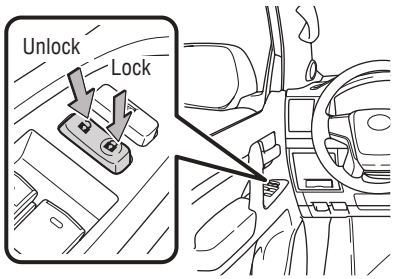
Upper back door



NOTE: Door will stop closing if obstructed, or to manually stop door closing, push button again.

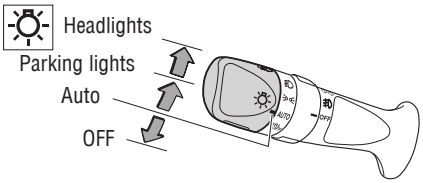
NOTE: If battery is disconnected, the power back door needs to be reinitialized. Refer to the Owner's Manual for more details.

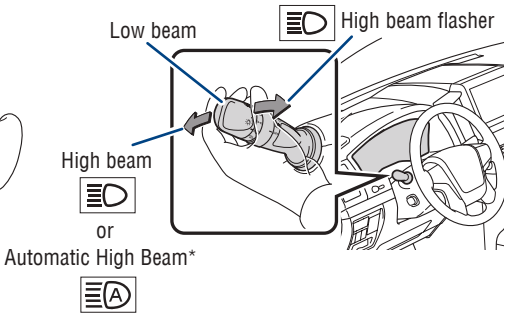
Door locks



Lights & turn signals

HEADLIGHTS



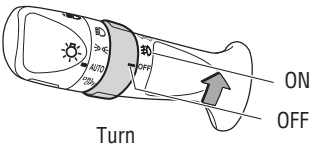


Daytime Running Light system (DRL) Automatically turns on under certain conditions to make vehicle more visible to other drivers. Not for use at night.
Automatic light cut off system Automatically turns lights off after 30 second delay.
Automatic High Beam (AHB) system Automatically switches between 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.

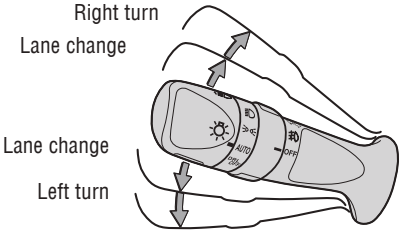
* Operating conditions must be met. Refer to the Owner's Manual for details.

FRONT FOG LIGHTS



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

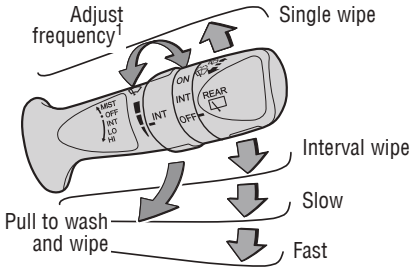
TURN SIGNALS



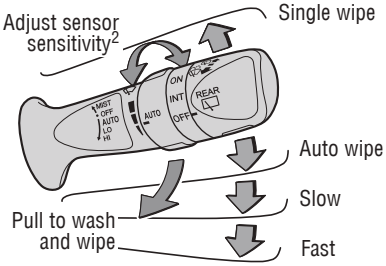
Windshield wipers & washers

FRONT

With intermittent wiper

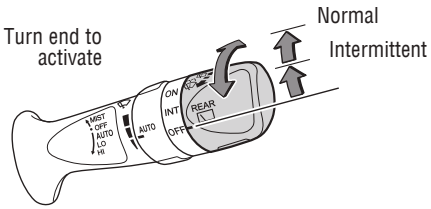


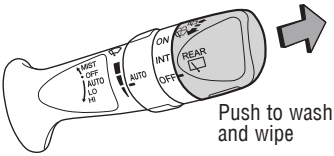
With AUTO rain-sensing wiper



[1] **Intermittent windshield wiper frequency adjustment** Rotate to increase/decrease wipe frequency.
[2] **Rain-sensing windshield wiper** Rotate to increase/decrease sensor sensitivity.

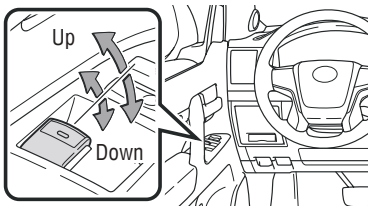
REAR



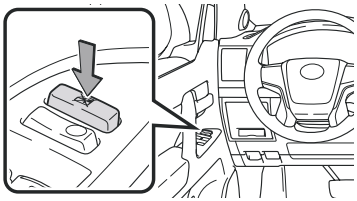


Windows-Power

Driver side



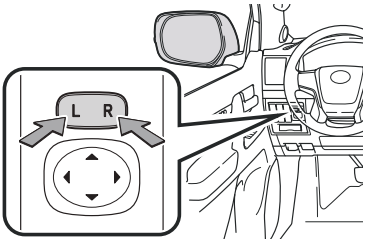
Window lock switch

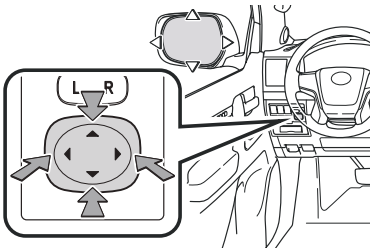


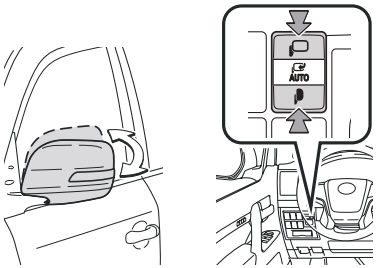
All window auto up/down Push the switch completely down or pull it completely up and release to fully open or close. To stop window midway, lightly push the switch in the opposite direction.

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

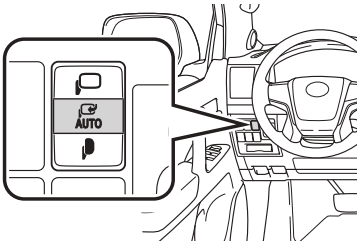
Rear view mirror-Outside







Automatic mode



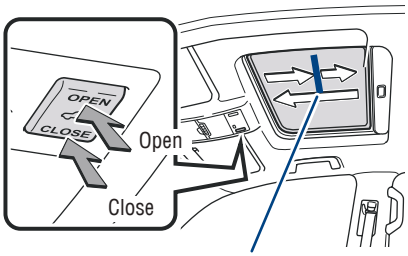
The engine switch must be in the “ACCESSORY” or “IGNITION ON” mode for use.

Linked mirror function when reversing The outside rearview mirrors automatically angle downwards when vehicle is in reverse. Will only operate when switch is in “L” or “R” position.

Moonroof

SLIDING OPERATION

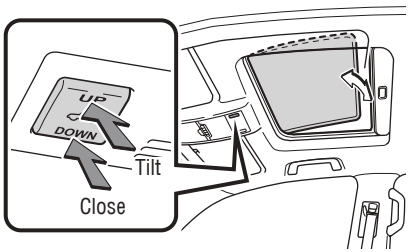
Push once to open partway; again to open completely.



Recommended open position to minimize wind noise.

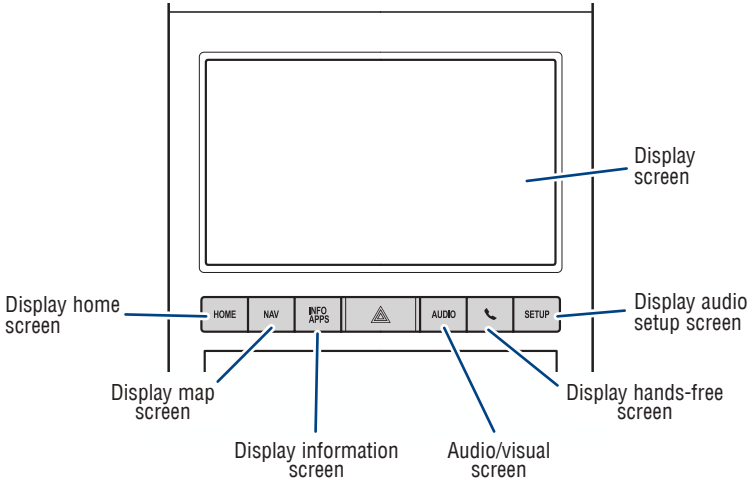
TILTING OPERATION

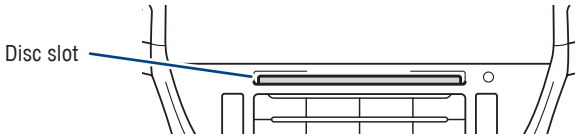
Push once to open completely.

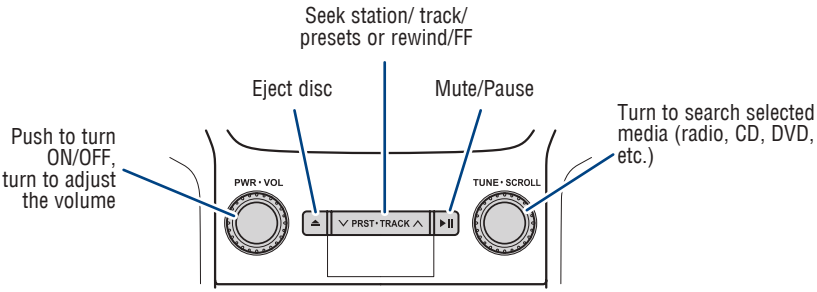


Lightly press either side of the moonroof switch while opening/tilting is in progress, the moonroof stops partway.

Audio



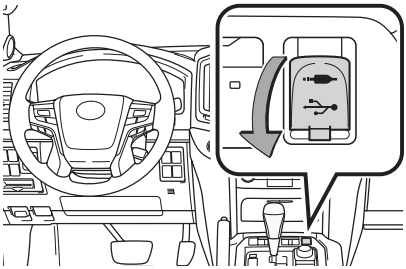




Refer to the "Navigation System Owner's Manual" or visit www.toyota.com/audio-multimedia for additional resources.

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/AUX port



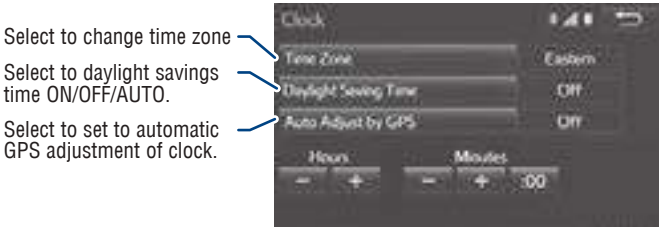
USB media port

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

AUX port

By inserting an AUX cable into the AUX port, you can listen to music from a portable audio device through the vehicle's speaker system while in AUX mode.

Clock



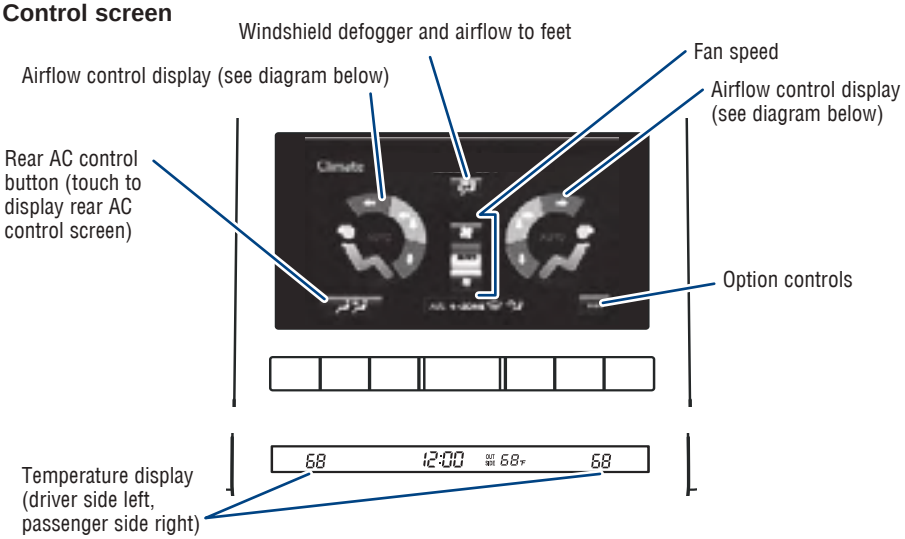
1) Push "**SETUP**" button next to the screen.
2) Select "**General**" in the touch screen to access the general settings screen.
3) Select "**Clock.**"
4) Then select desired items to be reset.

Refer to the "Navigation System Owner's Manual" for more details.

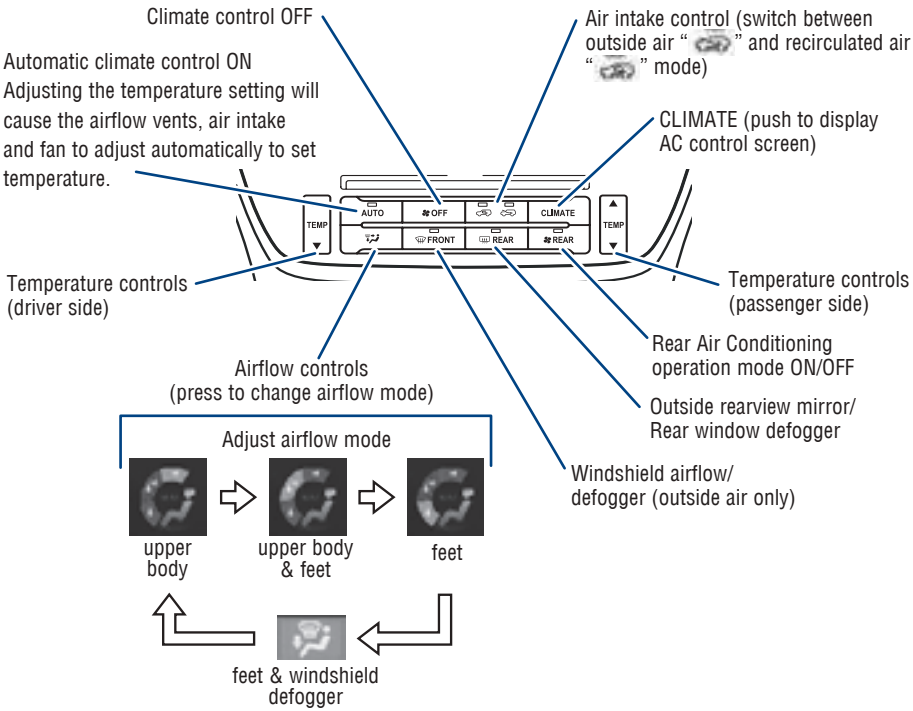
Air conditioning/heating

FRONT AIR CONDITIONING

Control screen

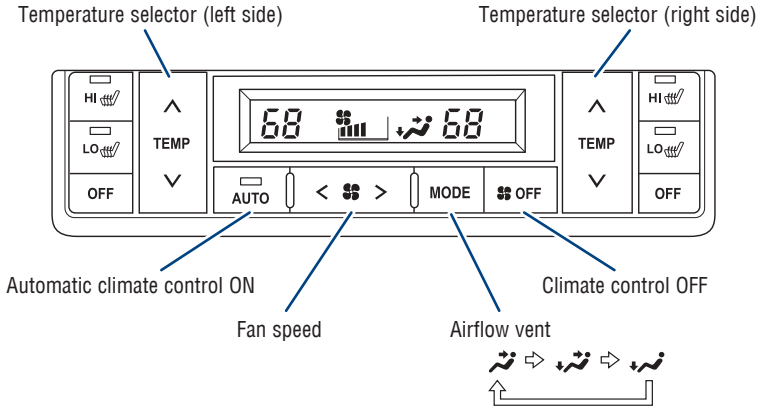


Control panel



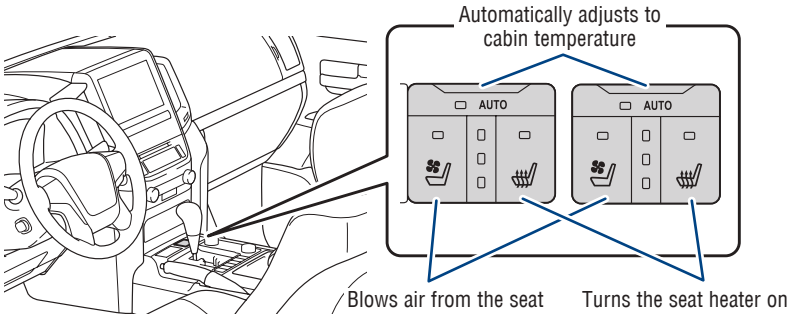
Refer to the Owner's Manual for more details.

REAR AIR CONDITIONING



Seat heaters/ventilators

FRONT SEATS



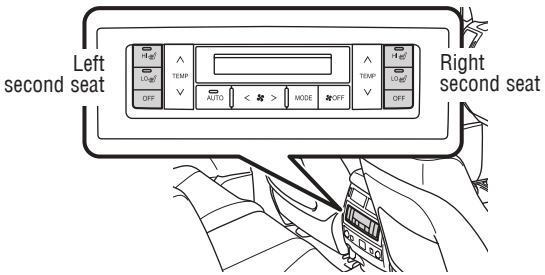
Press or to cycle through.

Auto ⇨ Hi ⇨ Mid ⇨ Lo

Off

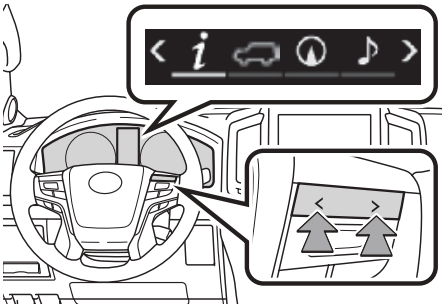
Note: Auto setting changes according to climate control temperature.

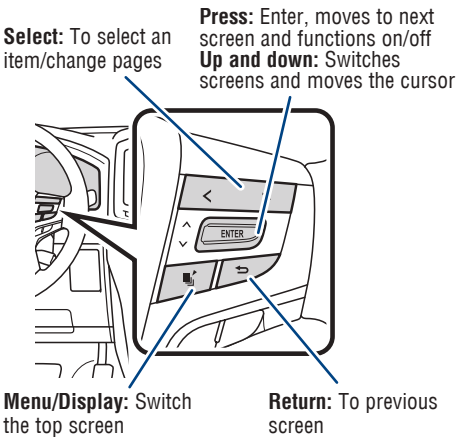
SECOND SEATS



The engine switch must be in the “IGNITION ON” mode for use.

Multi-Information Display (MID)

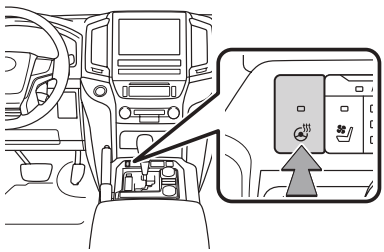




Push “Multi-Information switches” to view or change information in the following:

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

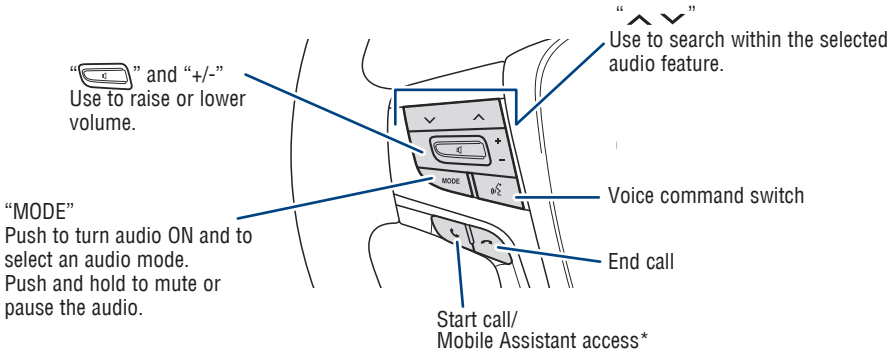
Steering wheel-Heater



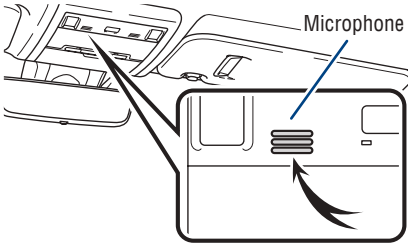
The engine switch must be in the “IGNITION ON” mode.

Steering wheel switches & telephone controls (Bluetooth®)

Steering wheel telephone switches



Microphone



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

* Push and hold to access Mobile Assistant. When a compatible smartphone is Bluetooth® connected push and hold the off hook switch 2-3 seconds to access Siri® Eyes Free.

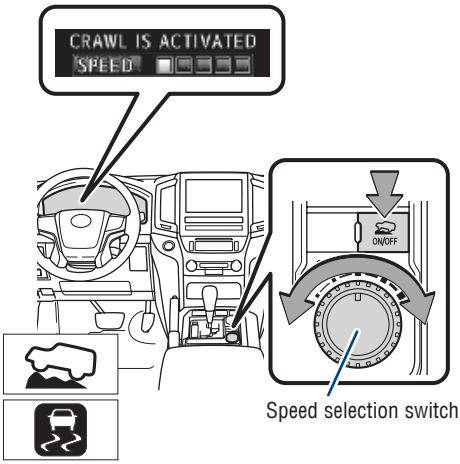
Refer to the Navigation System Owner's Manual for more details.

Refer to "Bluetooth® Device Pairing Section" in this guide and the "Navigation System Owner's Manual" for more information about phone connections and compatibility.

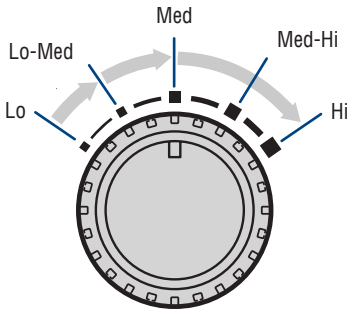
NOTE: Concentrating on the road should always be your first priority while driving. Do not use the Audio Multimedia System if it will distract you.

Crawl Control (with Turn Assist function)

CRAWL CONTROL SWITCH



Speed selection switch

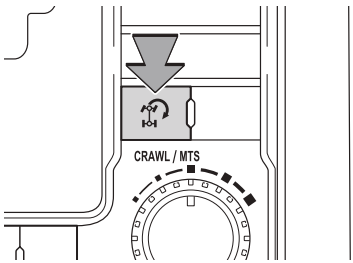


Speed modes

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

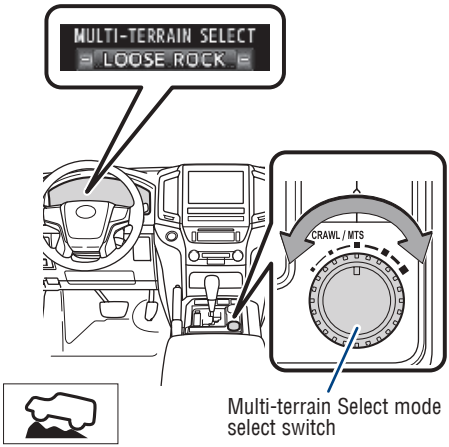
TURN ASSIST FUNCTION

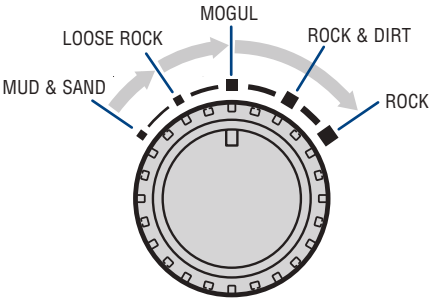


This function assists cornering performance in accordance with steering operation when driving through a tight corner. It maintains vehicle speed while driving and reduces the number of turns needed to navigate a corner that requires turning the wheel in the opposite direction.

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

Multi-terrain Select



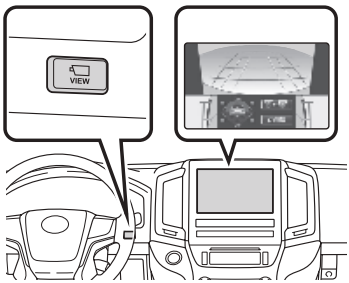


Multi-terrain Select is a system that helps drivability in off-road situations. When the Crawl Control is turned off, a mode which matches the road conditions can be selected from among the following 5 modes.

MUD & SAND - Muddy roads, sandy roads, snow-covered roads, dirt trails and other slippery or dirty conditions
LOOSE ROCK - Slippery conditions consisting of mixtures of earth and loose rock
MOGUL - Wide range of off-road conditions, particularly very bumpy conditions
ROCK & DIRT - Very bumpy road conditions, such as mogul or rocky roads.
ROCK - Rocky terrain

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

Multi-terrain Monitor

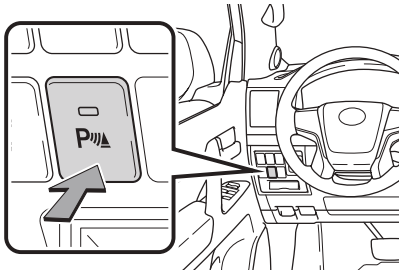


Press "VIEW" switch while the engine switch is in IGNITION ON mode to check vehicle surroundings.

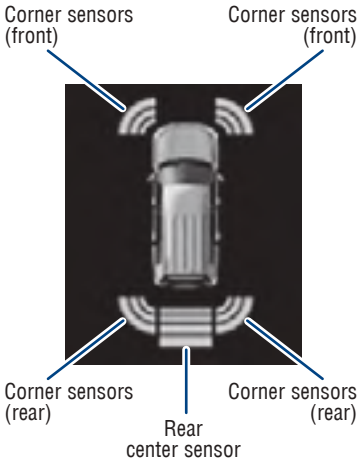
Note: The amount of time that the screen is displayed changes according to the vehicle speed at the time the VIEW switch was pressed. Speeds exceeding approximately 7 mph (12 km/h) will cancel monitor viewing.

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

Intuitive parking assist (if equipped)



Multi-Information Display (MID)



Navigation system screen

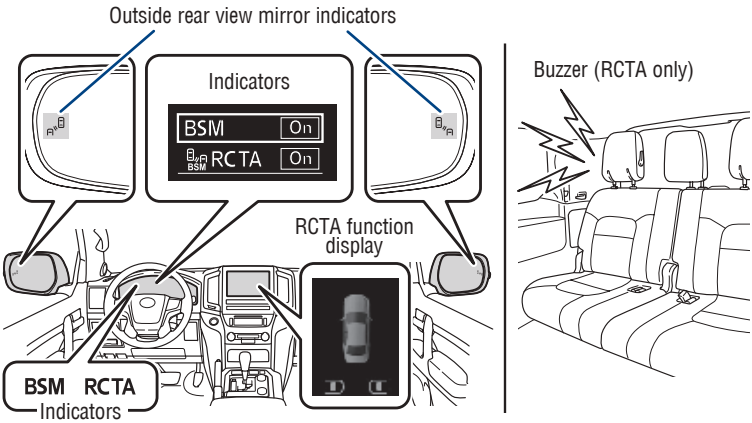
The parking assist sonar system operates when the vehicle approaches an obstacle. The distance from your vehicle to nearby obstacles when parallel parking or maneuvering into a garage is measured by sensors and communicated via the Multi-Information Display (MID), the navigation system screen and audible beeps.

When the sensor detects an obstacle, the direction of and the approximate distance to the obstacle are displayed on the MID display or the navigation system screen by illuminating continuously (far) or blinking (near), and beeping sounds will switch from intermittent to continuous as you approach and get closer to a detected obstacle. When the sensors detect two or more obstacles, the audible alerts will respond to the nearest zone.

Always check the surrounding area when using this system.

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

Blind Spot Monitor with Rear Cross Traffic Alert (BSM w/RCTA) (if equipped)



The Blind Spot Monitor is a system that has two functions:

- The Blind Spot Monitor function (assists the driver in making the decision when to change lanes)
- The Rear Cross Traffic Alert function (assists the driver when backing up)

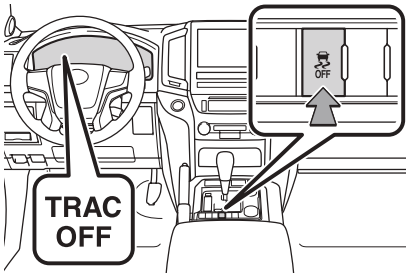
The system is designed to use radar sensors to detect vehicles traveling in the Land Cruiser's blind spot. If a vehicle is detected, the driver will be alerted via the outside rear view side mirror indicators.

Rear Cross Traffic Alert function:

While in reverse, when a vehicle approaching from the right or left rear of the vehicle is detected, the outside rear view mirror indicators flash.

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

Vehicle Stability Control (VSC)/ TRAC OFF switch

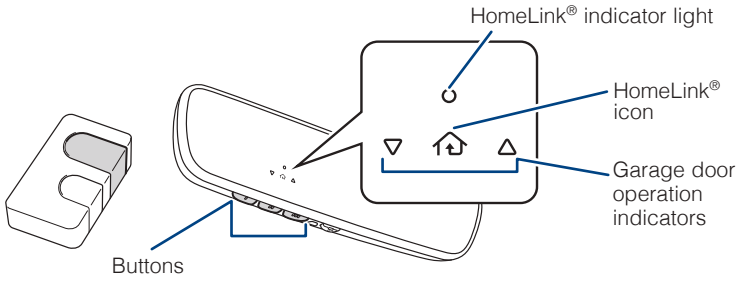


The VSC OFF switch can be used to help free a stuck vehicle in surroundings like mud, dirt or snow. While the vehicle is stopped, press switch to disable the TRAC system.

To disable both VSC and TRAC systems, press and hold the switch for at least 3 seconds.

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

Garage door opener (HomeLink®)*



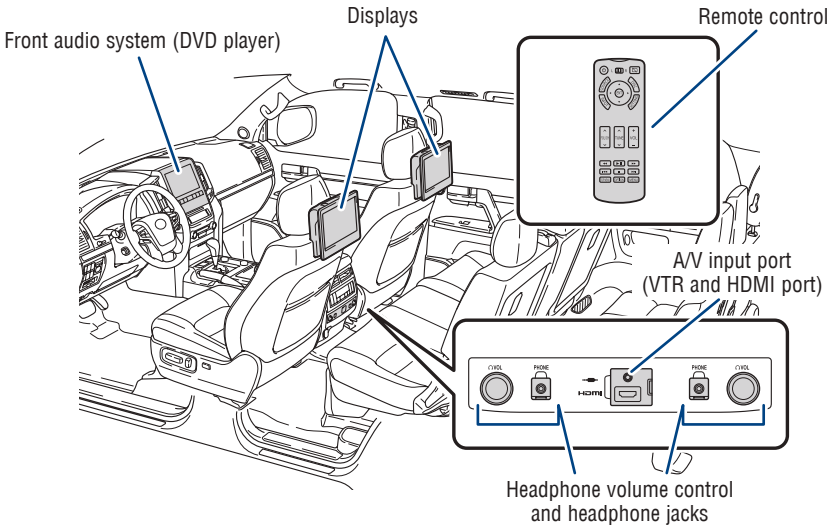
Garage door openers manufactured under license from HomeLink®* can be programmed to operate garage doors, estate gates, security lighting, etc.

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.

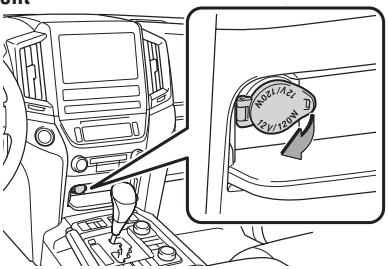
Rear seat entertainment system *(if equipped)*



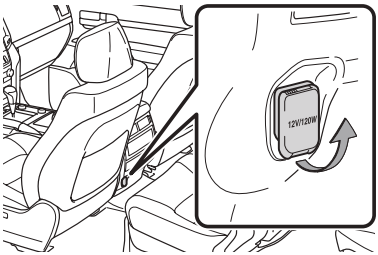
For details, refer to the "Navigation System Owner's Manual."

Power outlets-12V DC

Front

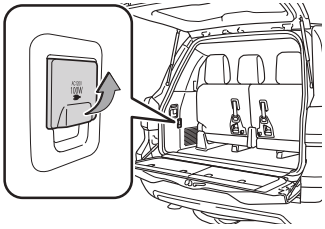


Rear



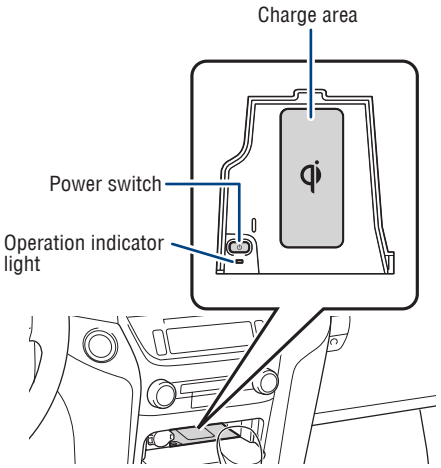
The engine switch must be in “ACCESSORY” or “IGNITION ON” mode for use.

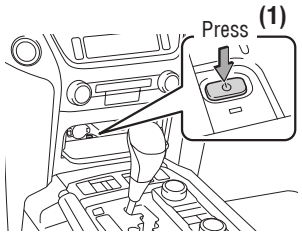
Power outlet-120V AC



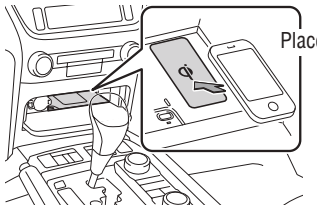
The engine switch must be in “IGNITION ON” mode for use.

Qi Wireless charger





When the engine is turned off, the last state (ON/OFF) of the charger is memorized.



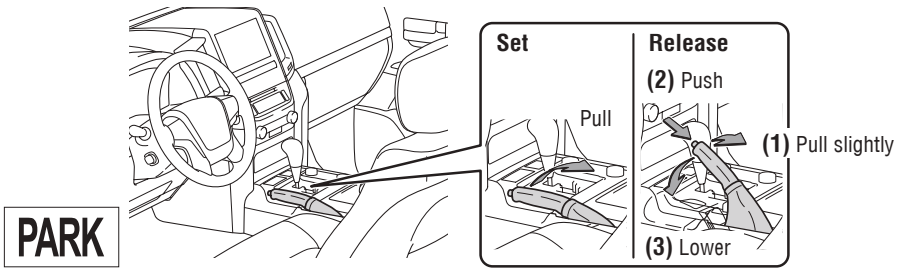
Place device nearest the center of charging area for best results. Moving device may result in stopping or restarting the charging process.

A mobile device can be charged wirelessly on the tray. After press the lid to open, **(1)** Press the wireless charger power switch and the green operation indicator light turns on. **(2)** Place a compatible mobile device on the tray as shown in the illustration. An amber indicator illuminates while charging is in progress. When charging is complete, the indicator illuminates green. Some phones, cases or cover type wireless chargers may not cause the green indicator to illuminate even though it is fully charged.

The engine switch must be in “ACCESSORY” or “IGNITION ON” mode for use.

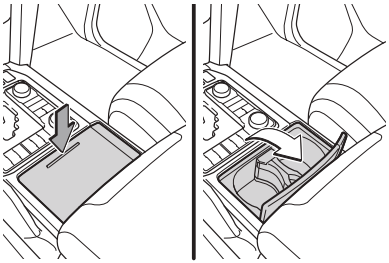
Refer to the Owner’s Manual for limitations and more details on this system before attempting to use it.

Parking brake

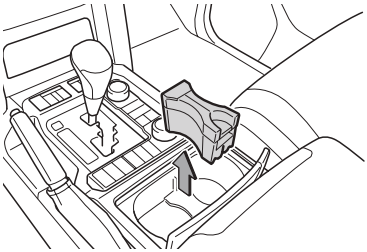


Cup holders

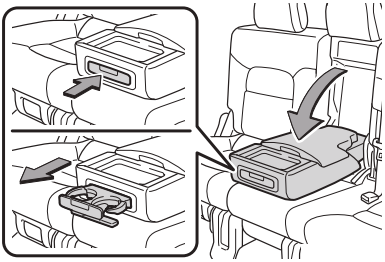
Front seats



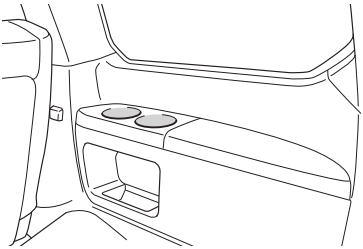
Removing the cup holder insert (front cup holders)



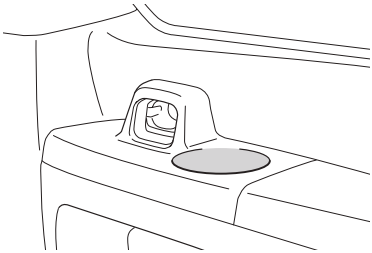
Rear seats



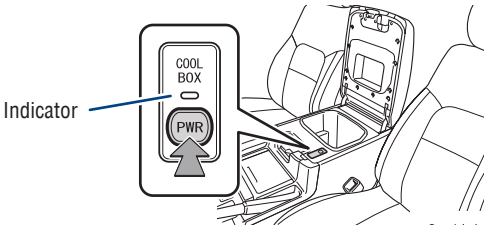
Third seats (if equipped)



Luggage compartment (if equipped)



Cool box *(if equipped)*



Push “PWR” button to turn cool box ON; indicator will illuminate.
The front air conditioning system cannot be turned off while the cool box is on.

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

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

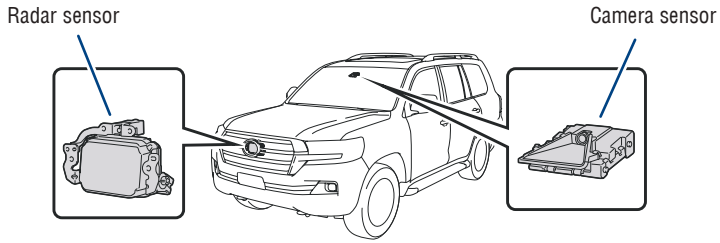
Lane Departure Alert (LDA)
LDA is designed to provide notification when the system detects an unintended lane departure.

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.

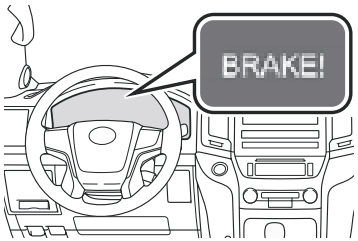
Automatic High Beams (AHB)
AHB is designed to detect the headlights of oncoming vehicles and the tail lights of preceding vehicles and switch between high beams and low beams as appropriate.

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 grille. 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.

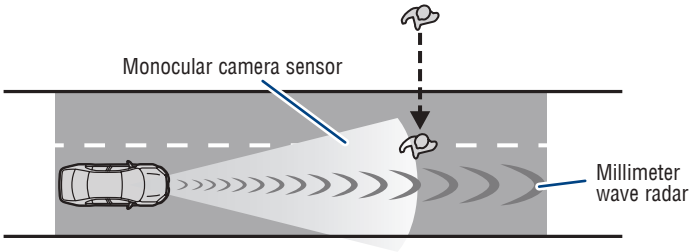
Pre-Collision Brake Assist
If the driver notices the hazard and brakes, the system may provide additional braking force using Brake Assist. This system may prime the brakes and may apply greater braking force in relation to how strongly the brake pedal is depressed.

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.

PCS PEDESTRIAN DETECTION

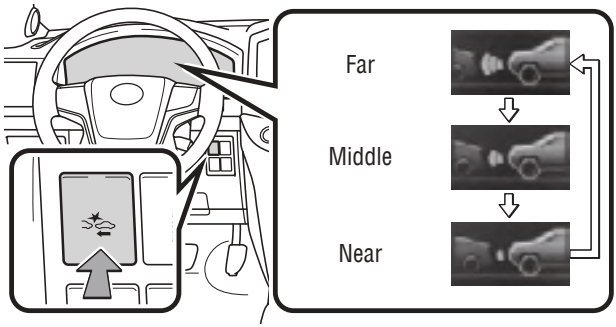
Under certain conditions, the PCS system included with the TSS-P package may also help to detect a pedestrian in front of your vehicle using the in-vehicle camera and front grille-mounted radar. The in-vehicle camera of PCS detects a potential pedestrian based on size, profile, and motion of the detected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

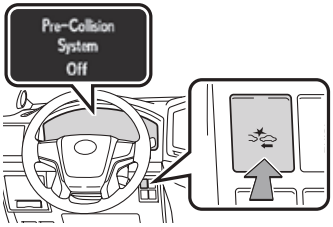
Refer to the Toyota Owner's Manual for additional limitations and information.

CHANGING PCS ALERT TIMING



Each time the Pre-Collision System switch is pressed, the response to the warning distance changes.

DISABLING PRE-COLLISION SYSTEM (PCS)



To disable the system

Press the PCS switch for 3 seconds or more.

The PCS warning light will turn on and a message will be displayed on the Multi-Information Display (MID).

To enable the system

Press the PCS switch again.

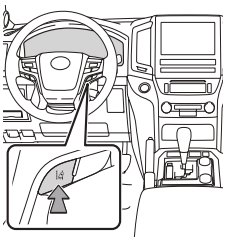
The system is enabled each time the engine switch is turned to IGNITION ON mode.

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

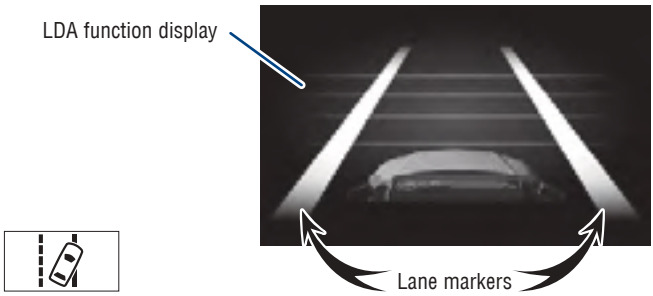


Press the LDA switch to turn the LDA system on. Depress again to turn it off.

Note: The system will continue in the last state it was in (ON or OFF) when the engine is started again.

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

LANE DEPARTURE ALERT



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

(1)

(2)

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) Use "ENTER" switches and select "LDA" and then press "ENTER".

(3) Use "ENTER" switches and select "Alert sensitivity" and then press "ENTER" 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.

The sway warning function can 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) Use "  " switches and select "LDA" and then press "  ".

(3) Use "  " switches and select "Vehicle sway warning" 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.

ADJUSTING SWAY ALERT SENSITIVITY

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

(2) Use "  " switches and select "LDA" and then press "  ".

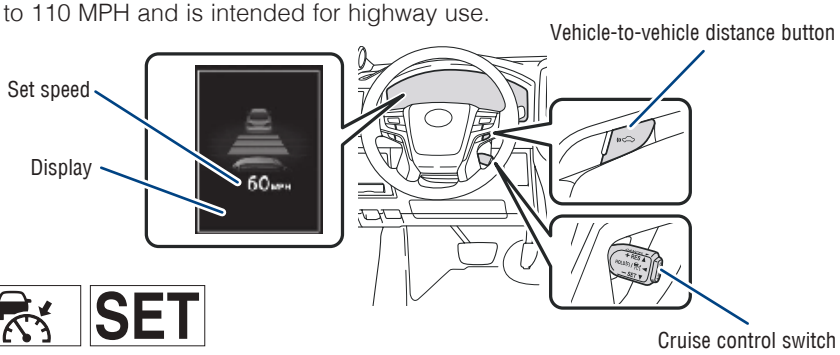
(3) Use "  " switches and select "Vehicle sway warning sensitivity" and then press "  " to select the desired setting.

(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.

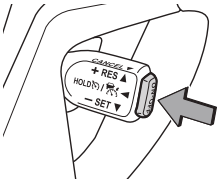
Dynamic Radar Cruise Control (DRCC)

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)

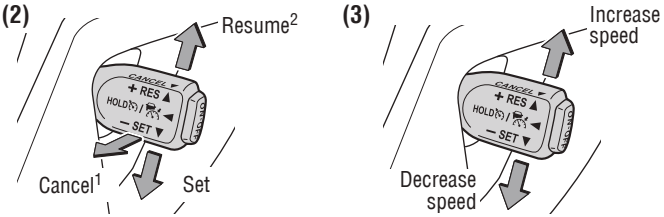


Push once: On
Push twice: Off

RADAR READY

Refer to page 43 for switching to Constant Speed (Cruise) Control Mode.

ADJUSTING SET SPEED

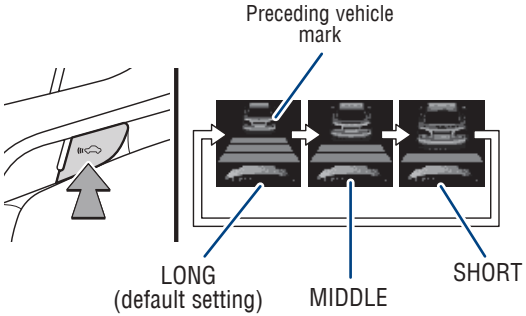


Vehicle will cruise at a set speed, decelerate to maintain selected distance from a slower vehicle traveling in front and accelerate back up to the selected speed if the vehicle in front changes lanes or speeds up.

(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.

ADJUSTING DISTANCE

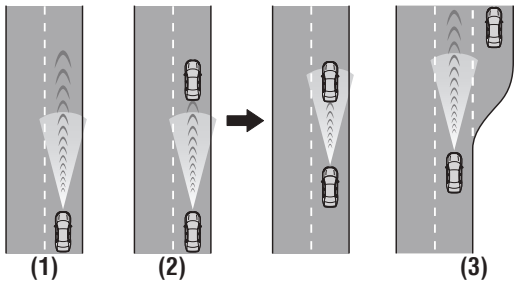


To change the vehicle-to-vehicle distance

Push the "[ ]" button to cycle through the settings, which will change progressively.

This mode employs a radar sensor to detect the presence of vehicles up to approximately 328 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.

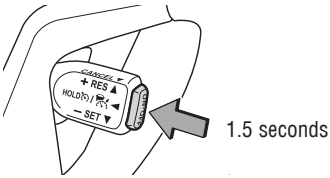
(2) **Deceleration cruising and follow-up cruising when a preceding vehicle driving slower than the set speed appears**
When a vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies the brakes (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.

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

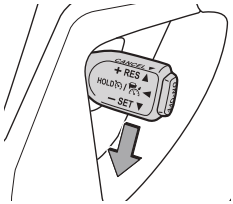


If you are already using DRCC "  ", push ON-OFF button to turn the system off first, then push and hold ON-OFF button for at least 1.5 seconds to switch.

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

SETTING CONSTANT SPEED (CRUISE) CONTROL

SET

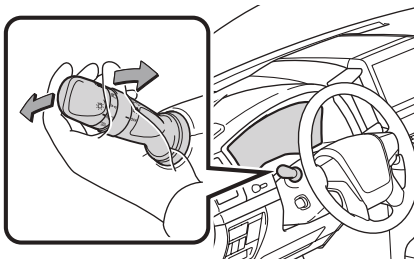


To adjust speed or cancel, see steps (2) and (3) of ADJUSTING SET SPEED on page 41.

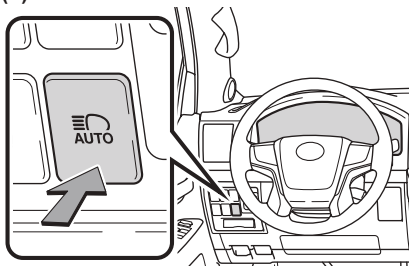
Refer to the Toyota Owner's Manual for additional information on DRCC operation, settings adjustments, limitations, and precautions before attempting to use it.

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 and headlight switch turned to "AUTO" or "" position, push lever away from you.

(2) Press the Automatic High Beam "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 to turn the AHB system off.

The AHB indicator will turn off and the 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):

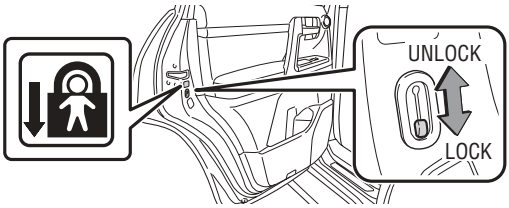
- Vehicle speed is above approximately 21 mph (34 km/h.)
- The area ahead of the vehicle is dark.
- There are no oncoming or preceding vehicles with headlights or tail lights turned on.
- There are few streetlights on the road ahead.

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.

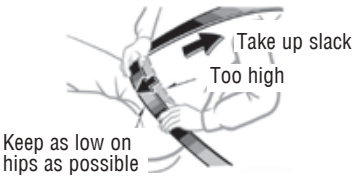
Rear door child safety locks

Rear door



Moving the lever to the lock position will allow the door to be opened only from the outside

Seat belts

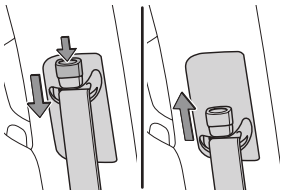


NOTE: If a passenger's seat belt is fully extended, then retracted even slightly, the Automatic locking retractor (ALR) will prevent it from being re-extended beyond that point, unless fully retracted again. This feature is used to help hold child restraint systems securely.

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

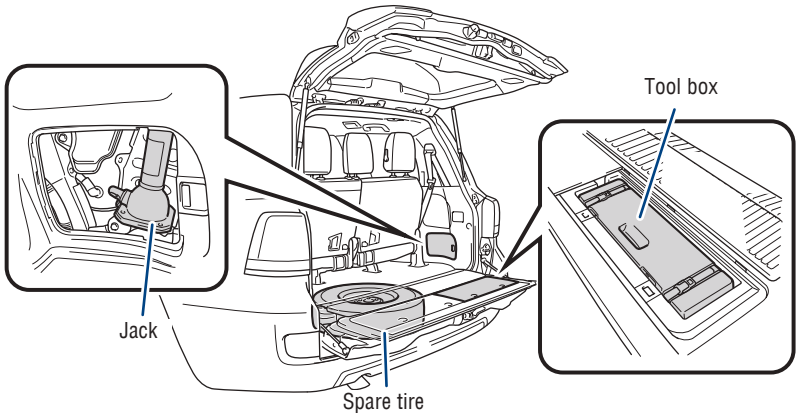
Seat belts-Shoulder belt anchor

Push up, or squeeze
lock release to lower



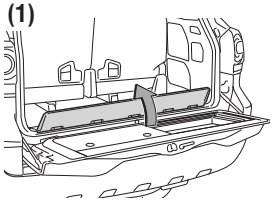
Spare tire & tools

TOOL LOCATION



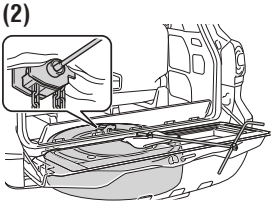
REMOVING THE SPARE TIRE

(1)



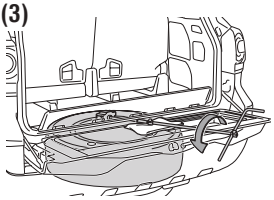
Remove the cover.

(2)



Insert the jack handle extension into the lowering screw.

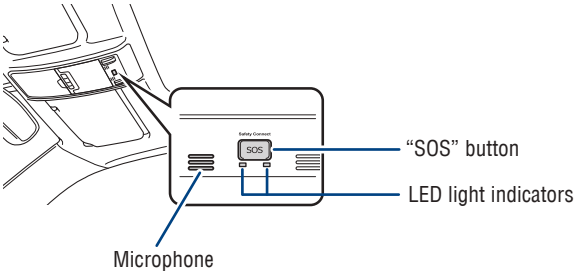
(3)



Lower the spare tire completely to the ground.

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

Safety Connect *(if equipped)*

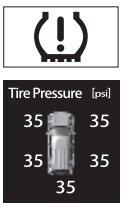


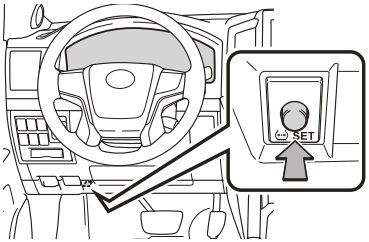
Safety Connect is a subscription-based telematics service that uses Global Positioning System (GPS) data and embedded cellular technology to provide safety and security features to subscribers. Safety Connect is staffed with live agents at the Toyota response center, which operates 24 hours per day,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

Tire Pressure Monitoring (warning) System (TPMS)





System reset initialization

1. Push and hold "SET" button until the indicator blinks three times.
2. Wait several minutes to allow initialization to complete.

After adjusting tire pressures, or after tires have been rotated or replaced, turn the ignition switch to "ON" and press and hold the "SET" button until indicator blinks three times. Let the vehicle sit for a few minutes to allow initialization to complete.

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.

Star Safety System™

Your vehicle comes standard with the Star Safety System™, which combines Anti-lock Brake 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.

ACTIVE TRACTION CONTROL (A-TRAC)

Helps to maintain drive power and prevent the 4 wheels from spinning when starting the vehicle or accelerating on slippery roads.

BRAKE ASSIST (BA)

Brake Assist is designed to detect sudden or "panic" braking, and then add braking pressure to 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.

MULTI-TERRAIN 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.

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.

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).

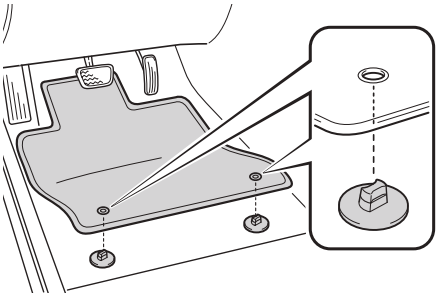
Toyota's TRAC sensors are activated when one of the drive wheels starts to slip. TRAC limits engine output and applies the brakes to the spinning wheel. This transfers power to the wheels that still have traction to help keep you on track.

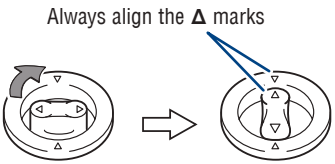
Floor mat installation

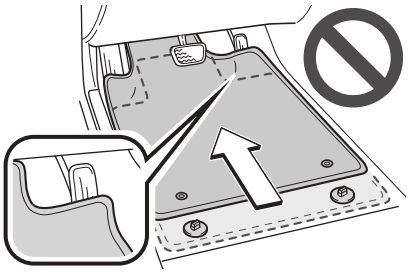
There are two types of Toyota floor mats: carpeted and all-weather. Each vehicle has model-specific floor mats. Installation is easy.

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 Toyota Audio Multimedia System.

Bluetooth® Pairing for Android phone

Pairing your phone is the first step in connecting with your Toyota for hands-free calling and for streaming music.*

Initiate Bluetooth® on your Android®

STEP 1

From your **APPS SCREEN**, select **SETTINGS**.

STEP 2

Select **CONNECTIONS** and select **BLUETOOTH**.

STEP 3

Ensure **BLUETOOTH** is **ON**.

STEP 4

Select **YOUR PHONE DEVICE** to make it discoverable.

Phone will seek out Bluetooth devices while remaining discoverable.

STEP 5

While your Android device is seeking out Bluetooth devices, proceed to your Audio Multimedia display.

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

Initiate Bluetooth® on your Audio Multimedia System

Once you have Bluetooth enabled on your phone and ready to pair, you will need to initiate Bluetooth on your Audio Multimedia System. Please follow the instructions below to pair your Bluetooth enabled phone.

STEP 6

On your Toyota Audio Multimedia display, select **SETUP BUTTON** on the Home Screen. Or press the **SETUP BUTTON** on the faceplate to access the Setup Screen.

STEP 7

Select **BLUETOOTH**.

Image shown is a sample image, features may vary.

STEP 8

Select **ADD**, to add your phone device.

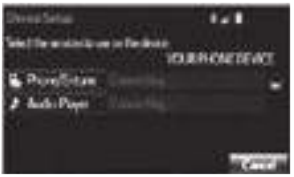
STEP 9

Back on your smartphone, you can now select your **TOYOTA VEHICLE** in Bluetooth Settings.

You may need to enter the provided Bluetooth PIN on your phone.

STEP 10

Your smartphone is now paired.



STEP 11

Once paired, Audio Multimedia System will attempt to connect audio and contacts on your phone.

Initiate Bluetooth® on your Audio Multimedia System

STEP 12

Using your smartphone, you will need to allow access to your messaging and contacts.

It is recommended to check the "Don't ask again" box, so as not to have to press OK every time the phone makes a Bluetooth connection with your Toyota.

STEP 13

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

Additional Resources

If you're having trouble pairing your phone, Toyota has you covered. You can get more information from the following sources:

Online Pairing Guide:
www.toyota.com/connect

Your Toyota Owner's Manual
Located in the vehicle glovebox

Toyota Customer
Experience Center
(800) 331-4331

Disclosures

This brochure is accurate at the time of print; content subject to change based on periodic multimedia software updates.

1. Concentrating on the road should always be your first priority while driving. Do not use the hands-free phone system if it will distract you.
2. The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Toyota is under license. A compatible Bluetooth enabled phone must first be paired. Phone performance depends on software, coverage & carrier.
3. Android is a trademark of Google Inc.
4. Apps/services vary by phone/carrier; functionality depends on many factors. Select apps use large amounts of data; you are responsible for charges. Apps & services subject to change at any time without notice. See Toyota.com/audio-multimedia for details.

Bluetooth® Pairing for iPhone

****Do not attempt the Bluetooth® Pairing process while driving.****

Pairing your phone is the first step in connecting with your Toyota for hands-free calling and for streaming music.

Initiate Bluetooth® on your iPhone®

STEP 1

From the **HOME SCREEN**, select **SETTINGS**.

STEP 2

Select **BLUETOOTH**.

STEP 3

Ensure **BLUETOOTH** is **ON**.

STEP 4

Your iPhone will seek out Bluetooth devices while remaining discoverable.

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While your iPhone device is seeking out Bluetooth devices, proceed to your Audio Multimedia display.

Initiate Bluetooth® on your Audio Multimedia System

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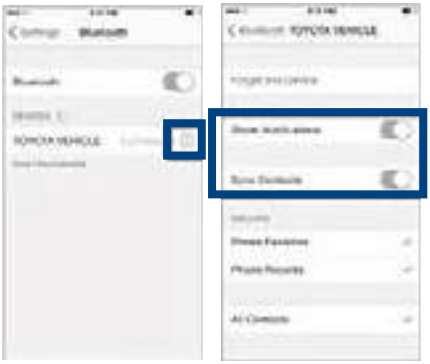
BLUETOOTH® DEVICE PAIRING



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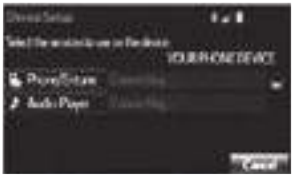
Only current iPhone text messages can be viewed on the head unit. iPhone does not allow text message reply.



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Land Cruiser

Quick Reference Guide 2020

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toyota.com

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