

QUICK REFERENCE GUIDE



HIGHLANDER

2021

2021

HIGHLANDER

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 Highlander.



A word about safe vehicle operations

This Quick Reference Guide is not a full description of Highlander operations. Every Highlander 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.

INDEX

OVERVIEW

Engine maintenance	11
Fuel tank door release & cap	10
Hood release	10
Indicator symbols	6-7
Instrument cluster	5
Instrument panel	2-4
Instrument panel light control	11
Keyless entry ^{1,2}	8-9
Smart Key system ^{1,2}	9

FEATURES & OPERATIONS

Air conditioning/heating	29-31
Audio	25
Auto lock/unlock ¹	12
Automatic transmission	12
Bird's Eye View Camera with Perimeter Scan	38
Blind Spot Monitor (BSM) and Rear Cross Traffic Alert (RCTA)	35
Clock	23
Door locks ^{1,2}	17
Downhill Assist Control system (DAC)	41
Driver Easy Speak	33
Driving mode select switch	41
Electric parking brake	13
Front and Rear Parking Assist with Automated Braking (PA w/AB)	36
Garage door opener (HomeLink®) ³	34
Head-Up Display (HUD)	23
Heated/ventilated seats	32
Heated steering wheel	33
Height Adjustable, Hands-Free Power Liftgate ^{1,2}	14-15
Intuitive parking assist	37
Lights ^{1,2} & turn signals ¹	19
Moonroof ¹	15
Multi-Information Display (MID) ²	22
Multi-terrain select (AWD)	40
Panoramic moonroof	16
Power outlets-12V DC	27
Power outlets-120V AC	27
Power windows ¹	18
Qi wireless charger	26
Rear view monitor system	39
Seat adjustments-Front	20
Seat adjustments-Rear	21

FEATURES & OPERATIONS (continued)

Seats-Head restraints	20
Seats-Stowing & returning	
3rd row seats	21
Snow mode button	40
Steering lock release	17
Steering wheel switches & telephone controls (Bluetooth®)	24
Stop & Start Engine System	39
Tilt & telescopic steering wheel	17
Toyota multi-operation touch	28
USB charge ports	27
USB media port	26
Vehicle Stability Control (VSC)/TRAC/Trailer Sway Control OFF switch	34
Windshield wipers & washers ¹	18

TOYOTA SAFETY SENSE™ 2.5+ (TSS 2.5+)

Automatic High Beams (AHB)	55
Full-Range Dynamic Radar	
Cruise Control (DRCC)	52-54
Lane Departure Alert with Steering Assist	47-49
Lane Tracing Assist (LTA) System	46
Lane Tracing Assist (LTA) with Lane Centering	50-51
Pre-Collision System with Pedestrian Detection (PCS w/PD)	43-45
Quick overview-Toyota Safety Sense™ 2.5+ (TSS 2.5+)	42
Road Sign Assist (RSA)	56
Sensors	43

SAFETY & EMERGENCY FEATURES

Floor mat installation	62
Rear door child safety locks	58
Safety Connect®	60
Seat belts	57
Seat belts-3rd row center	57
Seat belts-Shoulder belt anchor	57
Spare tire & tools	59
Star Safety System™	61-62
Tire Pressure Monitoring (warning) System (TPMS)	58

BLUETOOTH® DEVICE PAIRING SECTION

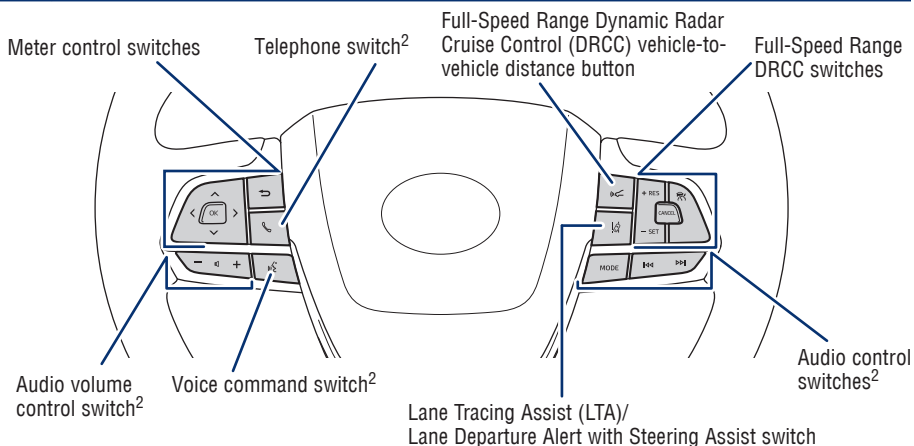
	64-66
--	-------

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

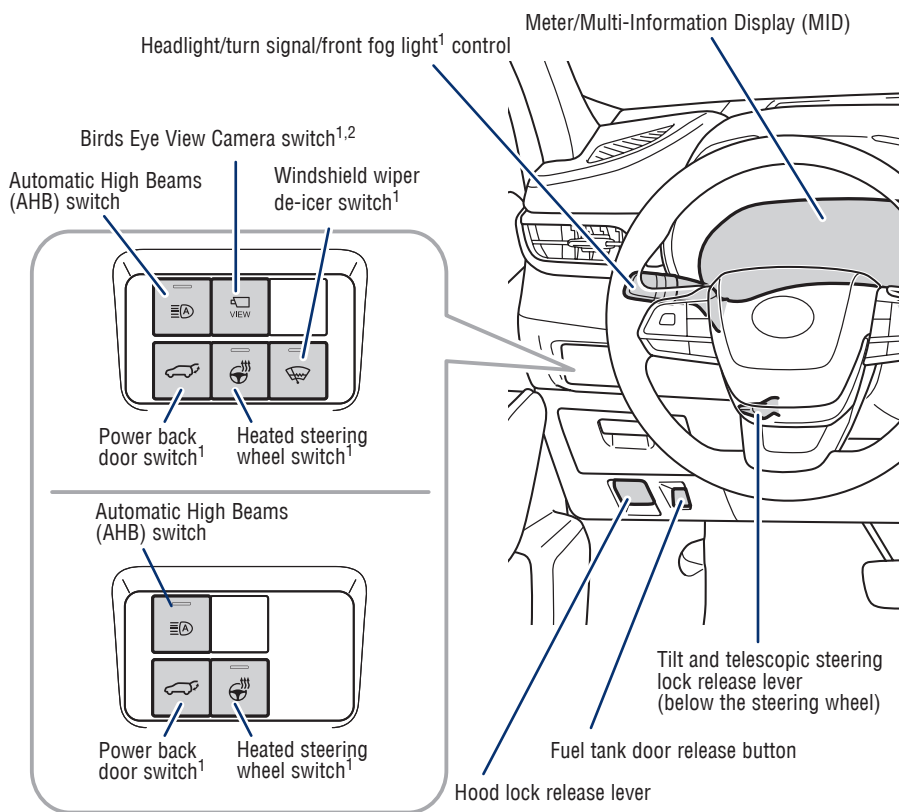
² Programmable by customer. Refer to the Owner's Manual for instructions and more information.

³ HomeLink® is a registered trademark of Gentex Corporation.

Instrument panel

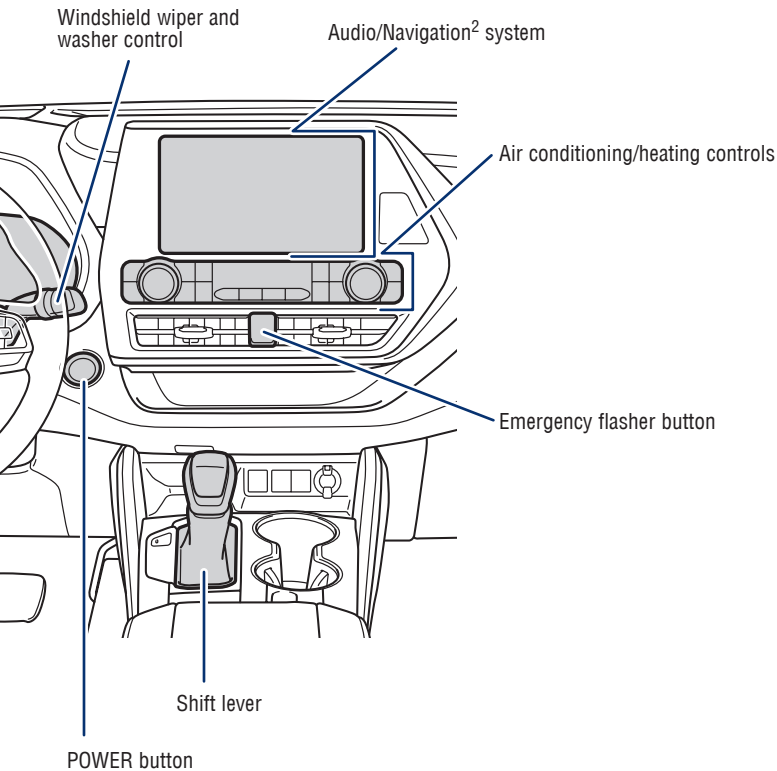


Steering wheel controls



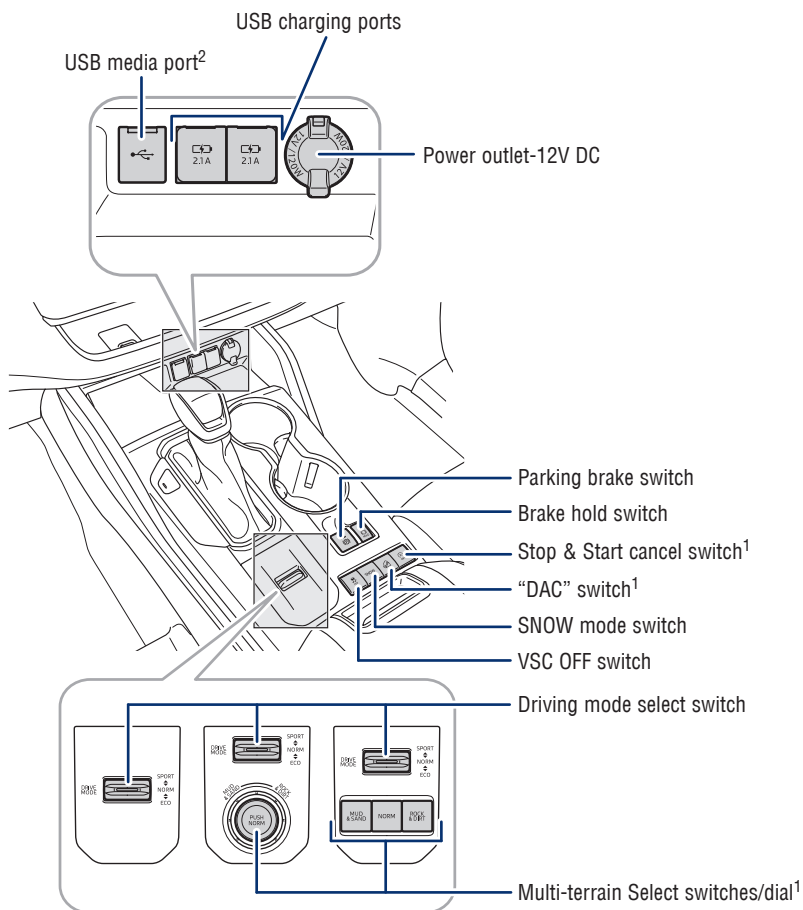
¹ If equipped.

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



Instrument panel (continued)

CENTER CONSOLE AREA

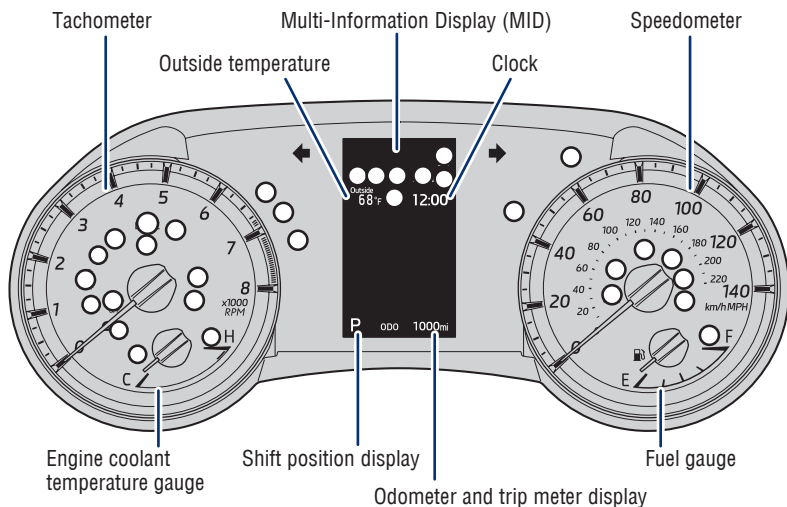


¹ If equipped.

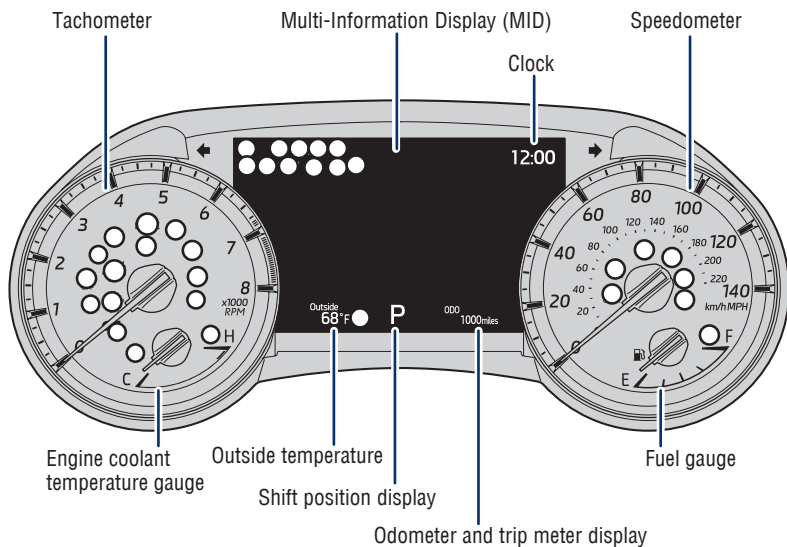
² For details, refer to the "Navigation and Multimedia System Owner's Manual" or visit www.toyota.com/audio-multimedia for additional resources.

Instrument cluster

VEHICLES EQUIPPED WITH 4.2-in DISPLAY



VEHICLES EQUIPPED WITH 7-in DISPLAY



○ Service indicators and warning lights

Indicator symbols

For details, refer to “Warning lights and indicators,” Section 2-1, 2021 Owner’s Manual.

	Airbag SRS warning ¹		Front and Rear Parking Assist with Automated Braking OFF indicator ^{1,2,4,5,6}
	Air Bag ON/OFF indicator ¹		Front Fog light indicator ^{4, 5}
	Anti-lock Brake (ABS) System warning ¹		Fuel tank door position
	Automatic High Beams (AHB) indicator ⁵		Full-Speed Range Dynamic Radar Cruise Control indicator/DRCC SET indicator
	Blind Spot Monitor (BSM) OFF indicator ⁴		Headlight low/high beam indicator
	BSM outside rear view mirror indicator ⁴		High coolant temperature warning
	Brake hold operating indicator ^{1,2}		Intuitive parking assist OFF indicator ^{1,2,4,5}
	Brake hold standby indicator ¹		Lane Tracing Assist (LTA)/Lane Departure Alert with Steering Assist indicator [white/green/orange ³]
	Brake Override System/Drive-Start Control warning		Low engine oil pressure warning
	Brake system warning ¹		Low fuel level warning ¹
	Brake system warning ¹ [yellow]		Low outside temperature indicator
	Constant speed cruise control indicator/Constant speed cruise control SET indicator		Low tire pressure warning ¹
	Charging system warning ¹		Malfunction/Check Engine indicator ¹
	Downhill Assist Control indicator ⁴		Mud & sand mode indicator ⁴
	Driver's and front passenger's seat belt reminder (alarm will sound when the vehicle is on)		Parking brake indicator ^{1,2}
	Eco Driving indicator ¹		Pre-Collision System (PCS) warning ^{1,2}
	Eco drive mode indicator		
	Electric power steering system warning [red/yellow]		

RCTA OFF RCTA OFF indicator^{2,4}



Rear passengers' seat belt reminder

ROCK & DIRT Rock & dirt mode indicator⁴



Security indicator



Slip indicator^{1,3}



Smart Key system indicator

SNOW SNOW mode indicator

SPORT Sport mode indicator



Stop & Start Engine System indicator⁴



Stop & Start Engine System cancel indicator^{2,4}



Turn signal indicator



Vehicle Stability Control (VSC) OFF indicator¹

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.

⁵ 7-in display only.

⁶ Refer to section PKSB (Parking Support Braking function) in the Owner's Manual.

OVERVIEW

Keyless entry

UNLOCKING OPERATION



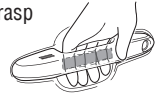
Push

ONCE: Driver door
TWICE: All doors

Carry Smart
Key remote

Driver door unlock*

Grasp



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

LOCKING OPERATION



Push

Carry Smart
Key remote

All-door lock

Touch

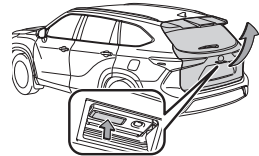


POWER LIFTGATE OPERATION (IF EQUIPPED)



Push and hold

Carry Smart
Key remote



Push

NOTE: Power back door will not open if glass hatch is open.

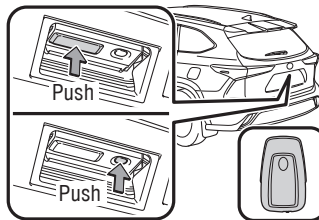
BACK DOOR LOCK/UNLOCK

Unlock

Push

Lock

Push



Carry Smart
Key remote

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

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

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

PANIC BUTTON



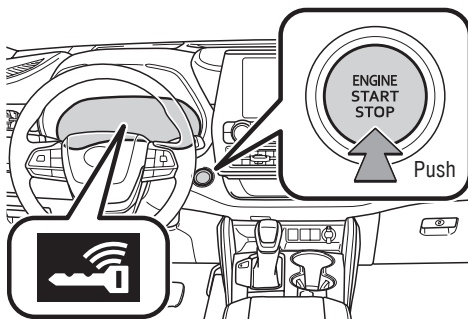
HOLD

 Push and hold



Smart Key system

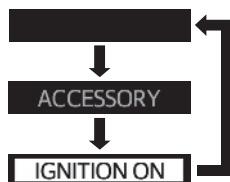
START FUNCTION



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 power button.

POWER (WITHOUT STARTING ENGINE)

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

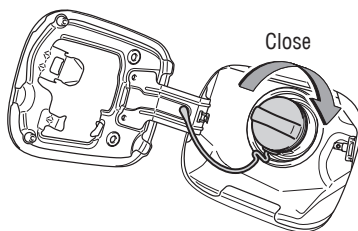
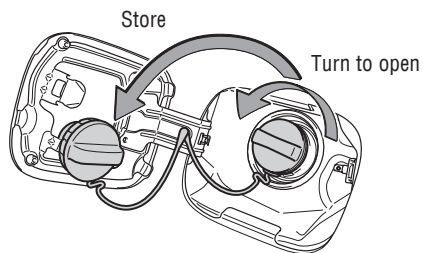
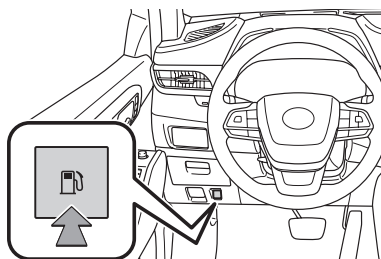


Off - All systems OFF. Emergency flashers can be used.

Accessory – Some electrical components can be used.

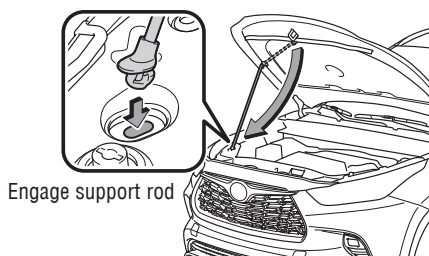
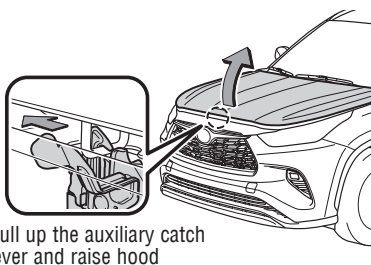
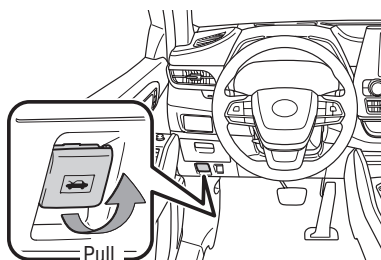
On - All electrical components can be used.

Fuel tank door release & cap

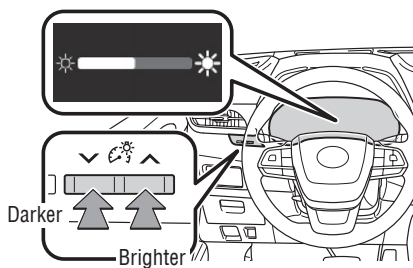


NOTE: Tighten until one click is heard. If the cap is not locked or tightened enough, the Check Engine indicator “ CHECK” may illuminate.

Hood release



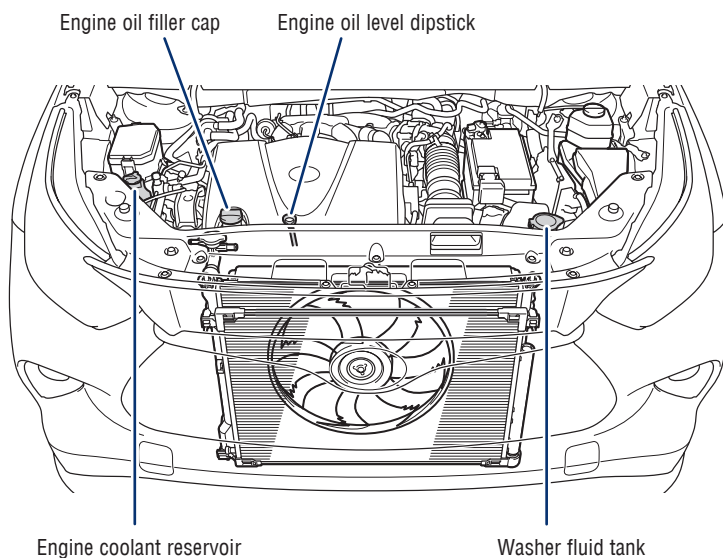
Instrument panel light control



The brightness of the meters is changed between day mode and night mode.

- Day mode: When the surrounding area is bright
- Night mode: When the surrounding area is dark

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.

DEFAULT SETTING

Shift position linked door locking/unlocking function

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

CUSTOMIZED SETTING

Speed linked door locking function

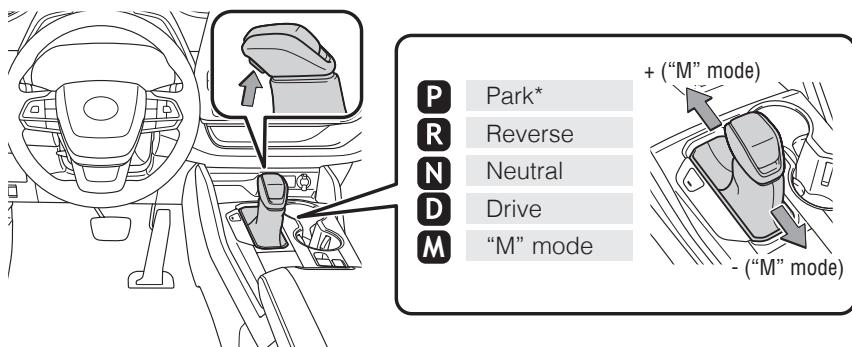
- Doors lock when the vehicle speed goes above approximately 12 mph (20 km/h).

Driver's door linked door unlocking function

- Doors unlock when the driver's door is opened.

Refer to the Owner's Manual for more details.

Automatic transmission



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

"M" MODE

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

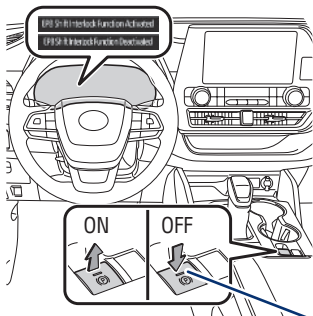
- + : Upshift (push and release)
- : Downshift (pull and release)

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.

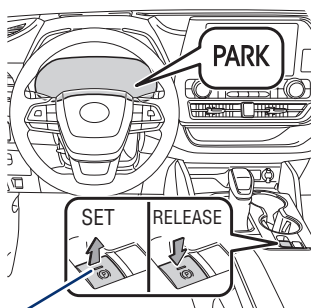
Electric parking brake

PARKING BRAKE

Automatic mode



Manual mode



Automatic

To turn automatic mode ON, while vehicle is stopped, pull and hold switch until “EPB Shift Interlock Function Activated” displays in the Multi-Information Display (MID). While depressing brake, shifting into P position will automatically set the brake and turn the parking brake indicator and parking brake light on. To release brake, depress brake and shift out of P. The indicator and the light turn off.

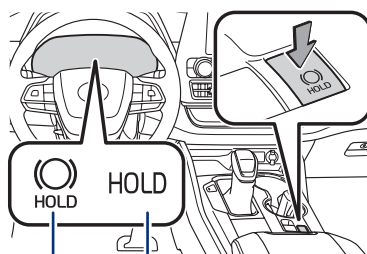
To turn automatic mode OFF, push and hold parking brake switch until “EPB Shift Interlock Function Deactivated” displays on the MID.

Manual

While vehicle is stopped and brake pedal is depressed, pull to set parking brake and turn the parking brake indicator and parking brake light on. To release, press the brake pedal and push switch. The indicator and the light turn off.

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

BRAKE HOLD



Standby indicator Operated indicator

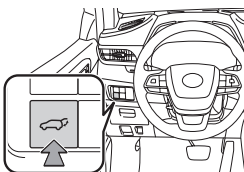
The brake hold system keeps the brake applied when the shift lever is in D, M or N with the system on and the brake pedal has been depressed to stop the vehicle. The system releases the brake when the accelerator pedal is depressed with the shift lever in D or M to allow smooth start off.

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

FEATURES & OPERATIONS

Height Adjustable, Hands-Free Power Liftgate (if equipped)

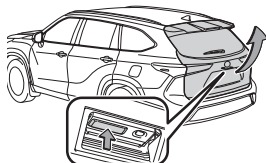
Instrument panel



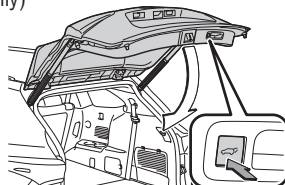
Open: Push and hold
Close: Push and hold again

Power Liftgate (back door)

(open only)



(close only)



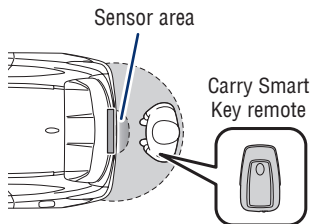
HEIGHT ADJUSTABLE FUNCTION

1. When the liftgate reaches the desired height, push the rear liftgate close-button (on the door jam of the liftgate) once. Press and hold the button until the buzzer sounds (4 times).
2. To reset the height, with the liftgate open and not moving, press and hold the rear liftgate close-button until the buzzer sounds 4 times, and continue to hold until it buzzes again, then let go. Push the same button to close the liftgate. When you next open the liftgate, it will open to the maximum height.
3. To set the height using the Multi-Information Display, press “<>” or “◇” of the meter control switches and select “Vehicle settings” from “⚙️” screen. Press “<>” or “◇” and select “🚗 (PBD)” and then press “OK.” Select “Opening Adjustment,” then press “OK.” Select desired position (5 height options to choose from,) then press “OK.”

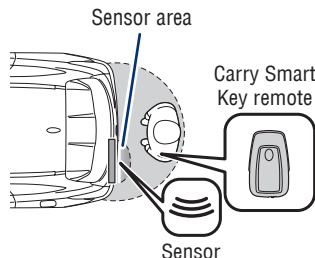
NOTE: If battery is disconnected, the power back door needs to be reinitialized.

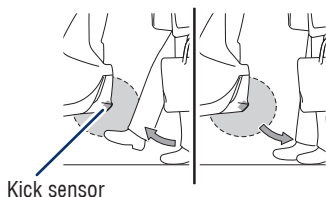
HANDS-FREE FUNCTION (IF EQUIPPED)

Vehicles without tow hitch



Vehicles with tow hitch





Perform the entire kick operation within 1 second.

To automatically open/close Power Liftgate: Quickly kick your foot underneath the lower center part (vehicles without tow hitch) or the lower left side (vehicles with tow hitch) of the rear bumper for within 1 second to trigger sensor. To operate, make sure that the touchless sensor operation is enabled, the vehicle is OFF and that you are carrying the remote.

Press “<>” or “⬆” of the meter control switches and select “ (PBD)” from the “Vehicle Settings” in the “” screen in the Multi-Information Display (MID) to access hands-free settings. And push “” to enter selection.

NOTE:

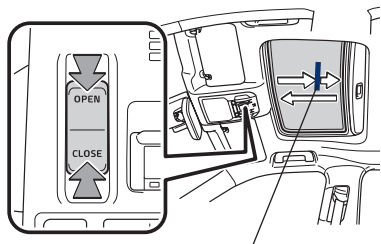
- Installation of a tow hitch receiver or other accessories may require disabling or removing the kick sensor.
- Use the same gear and “” icons from the HUD section.

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

Moonroof (if equipped)

SLIDING OPERATION

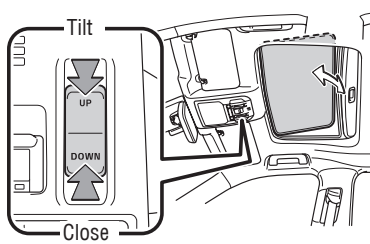
Push once to open partway.
Push again to open completely.



Recommended open position to minimize wind noise.

TILTING OPERATION

Push once to open completely.



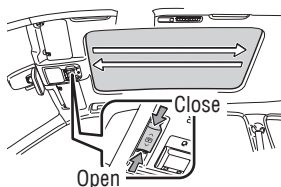
Lightly press either side of the moonroof switch while opening/tilting is in progress, the moonroof stops partway.

FEATURES & OPERATIONS

Panoramic moonroof (if equipped)

SLIDING OPERATION

Opening and closing the electronic sunshade

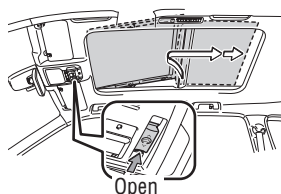


Open - Slide and hold the  switch backward. The electronic sunshade will open fully automatically.*

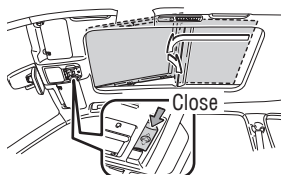
Close - Slide and hold the  switch forward. The electronic sunshade will close fully automatically.*

* Quickly slide and release the switch in either direction to stop the electronic sunshade partway.

Opening and closing the panoramic moonroof



Open - Slide and hold the  switch backward. The panoramic moonroof and electronic sunshade will open automatically.*

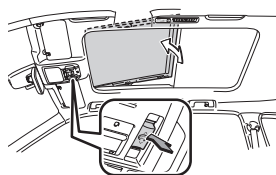


Close - Slide and hold the  switch forward. The panoramic moonroof will fully close automatically.

* Quickly slide and release the switch in either direction to stop the panoramic moonroof partway.

TILTING OPERATION

Tilting the panoramic moonroof up and down

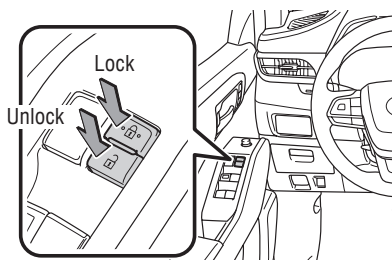


Tilt-up - Press the center of the  switch to tilt the panoramic moonroof up. When the panoramic moonroof is tilted up, the electronic sunshade opens to the half-open position.

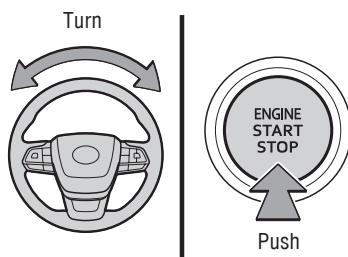
Tilt-down - Press and hold the center of the  switch to tilt down. The panoramic moonroof can be tilted down only when it is in the tilt-up position.

Note: The panoramic moonroof can be opened from the tilt-up position. Also, lightly pressing the  switch again stops the panoramic moonroof partway.

Door locks

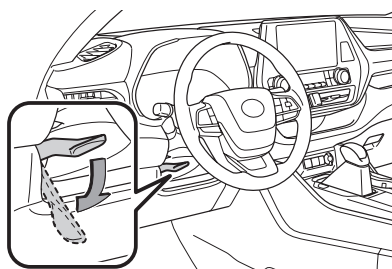


Steering lock release

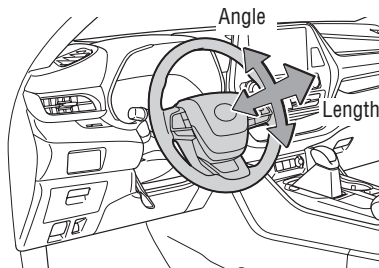


When the steering lock cannot be released, “Push Power Button while Turning Steering Wheel in Either Direction” will be displayed on the Multi-Information Display. Check that the shift lever is in P. Press the power button shortly and firmly while turning the steering wheel left and right.

Tilt & telescopic steering wheel



Lock release lever

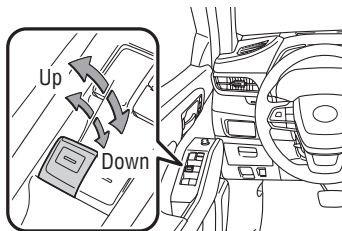


Hold wheel, push lever down, set angle and length, and return lever.

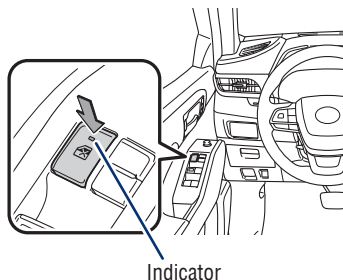
NOTE: Do not attempt to adjust while the vehicle is in motion.

Power windows

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 the window partway, operate the switch in the opposite direction.

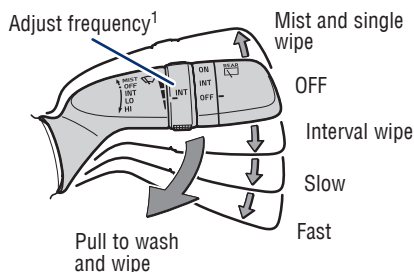
Window lock switch

Deactivates all passenger windows. Driver's window remains operable.

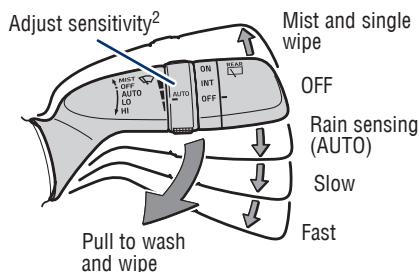
Windshield wipers & washers

FRONT

With intermittent wiper



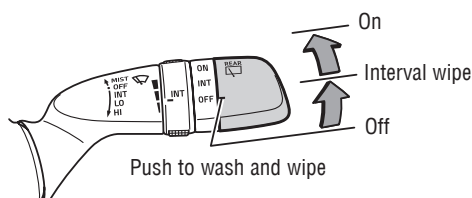
With rain-sensing wiper



¹ **Intermittent windshield wiper frequency adjustment** Rotate to increase/decrease wiper frequency.

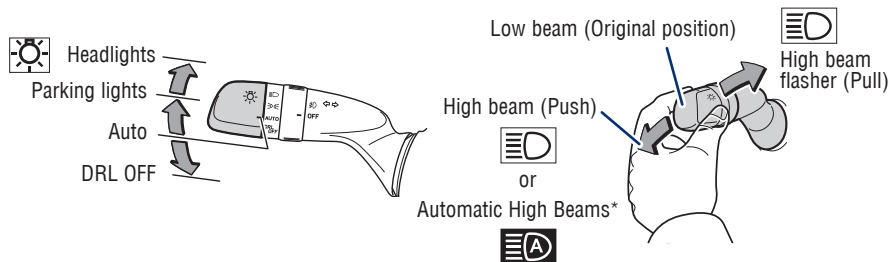
² **Rain-sensing windshield wipers** Rotate to increase/decrease sensor sensitivity.

REAR



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.

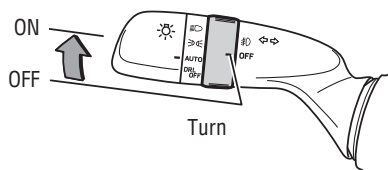
Automatic light cut off system Lights automatically turn off after 30 second delay, or when lock switch on the remote is pushed after all doors are locked.

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

Refer to *Toyota Safety Sense™ 2.5+ (TSS 2.5+)* in this guide or the *Owner's Manual* for more details on the Automatic High Beams feature.

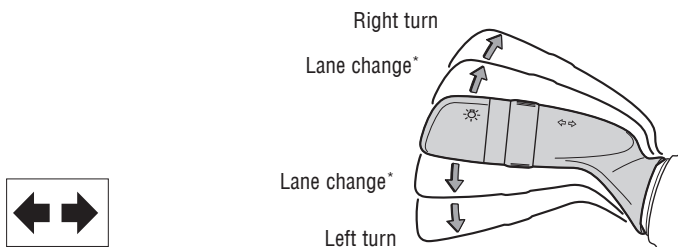
* Operating conditions must be met. Refer to the Owner's Manual for details.

FRONT FOG LIGHTS (IF EQUIPPED)



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

TURN SIGNALS

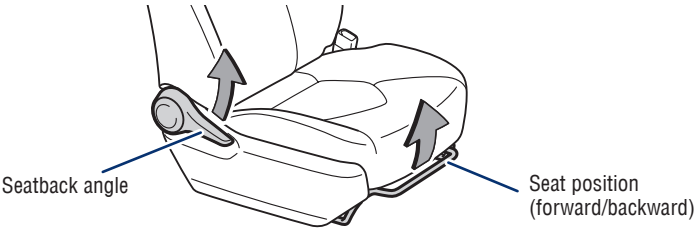


* Move lever partway and release. The signals will flash three times.

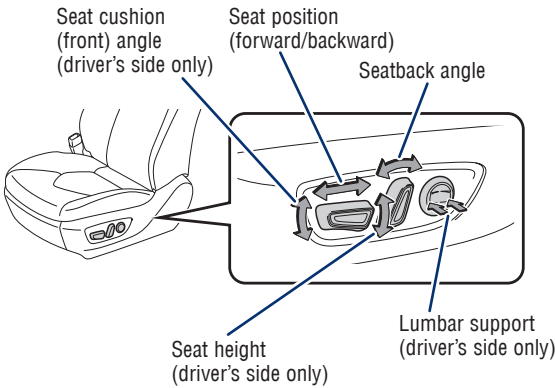
FEATURES & OPERATIONS

Seat adjustments-Front

MANUAL SEAT



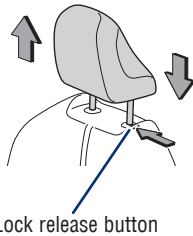
POWER SEAT



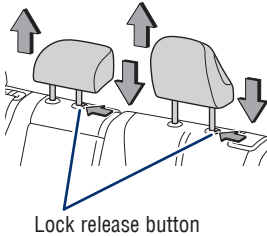
Refer to the Owner's Manual for more details.

Seats-Head restraints

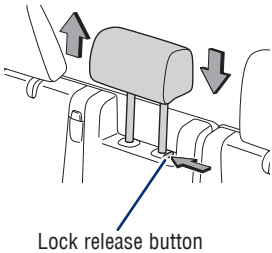
Front



Second row

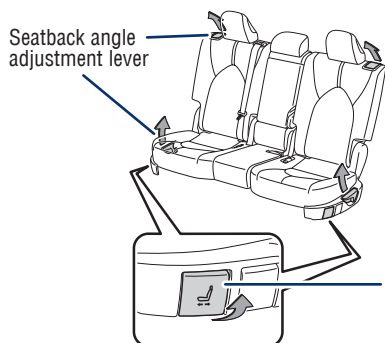


Third row - center seat

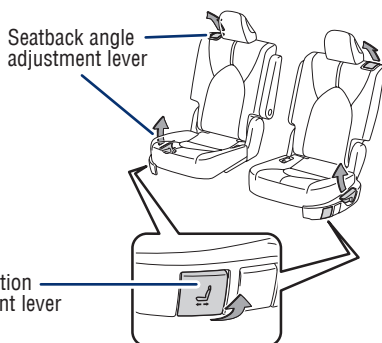


Seat adjustments-Rear

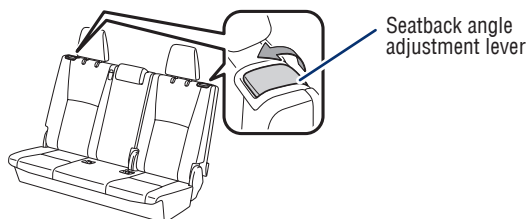
Second row (8-seat models)



Second row (7-seat models)



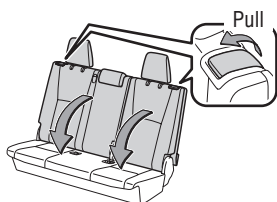
Third row seat



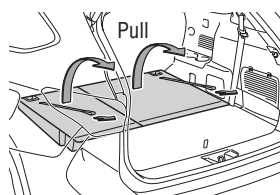
Refer to the Owner's Manual for more details.

Seats-Stowing & returning 3rd row seats

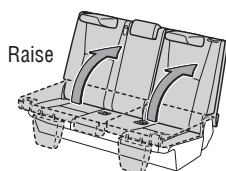
Stowing



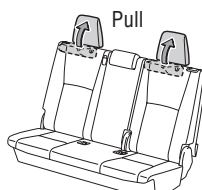
Returning (from outside)



Returning (from inside)



Returning the outer head restraints

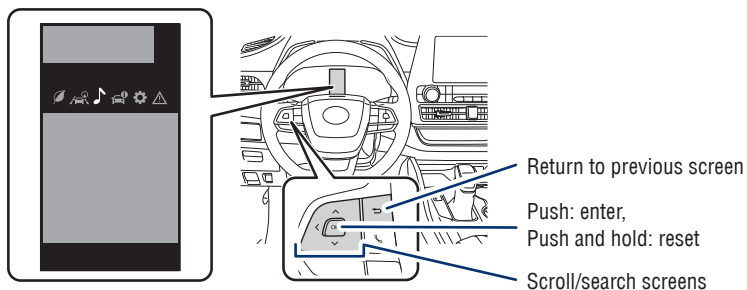


Refer to the Owner's Manual for more details.

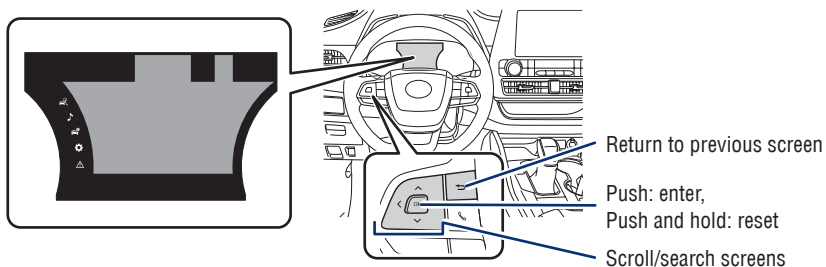
FEATURES & OPERATIONS

Multi-Information Display (MID)

VEHICLES EQUIPPED WITH 4.2-in DISPLAY (IF EQUIPPED)



VEHICLES EQUIPPED WITH 7-in DISPLAY (IF EQUIPPED)

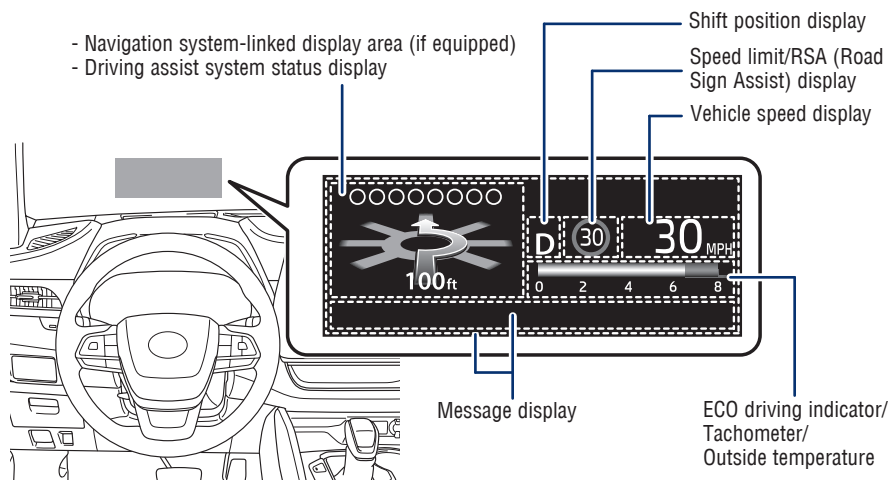


Press meter control switches to change and select information in the following:

-  Driving information display
-  Driving support system information display
-  Audio system-linked display
-  Vehicle information display
-  Settings display
-  Warning message display

Refer to the Owner's Manual for more details.

Head-Up Display (HUD) (if equipped)



The head-up display is linked to the meters and navigation system (if equipped) and projects a variety of driving related information and the operating state of the driving support systems on the windshield.

Press meter control switches and select “” in the Multi-Information Display (MID) and then select “” to access Head-up display settings. And push “,” to enter selection.

Refer to the Owner's Manual for more details.

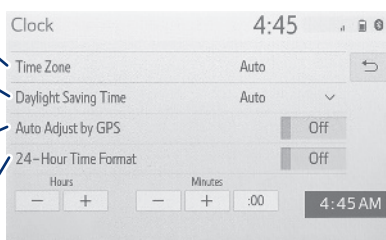
Clock

Select to change the time zone.

Select to set daylight saving time ON/OFF/AUTO*.

Select to set to automatic GPS adjustment of clock.

Select to set the 24 hour time format on/off.



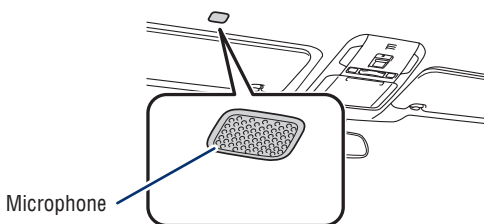
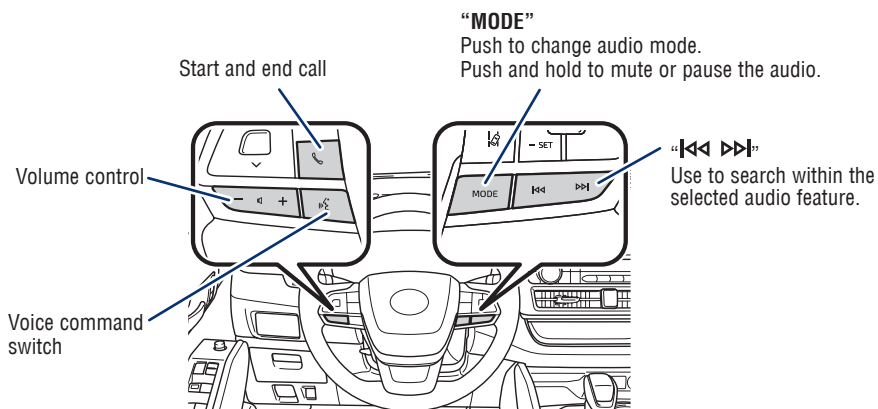
- 1) Push “**MENU**” button next to the screen.
- 2) Select “**Setup**” or “**General**” in the touchscreen to access the general setting screen.
- 3) Select “**Clock**.”
- 4) Select desired items to be set.

Refer to the “Navigation and Multimedia System Owner's Manual” for more details.

* Available only on vehicles equipped with Premium Audio/12.3-in display

FEATURES & OPERATIONS

Steering wheel switches & telephone controls (Bluetooth®)



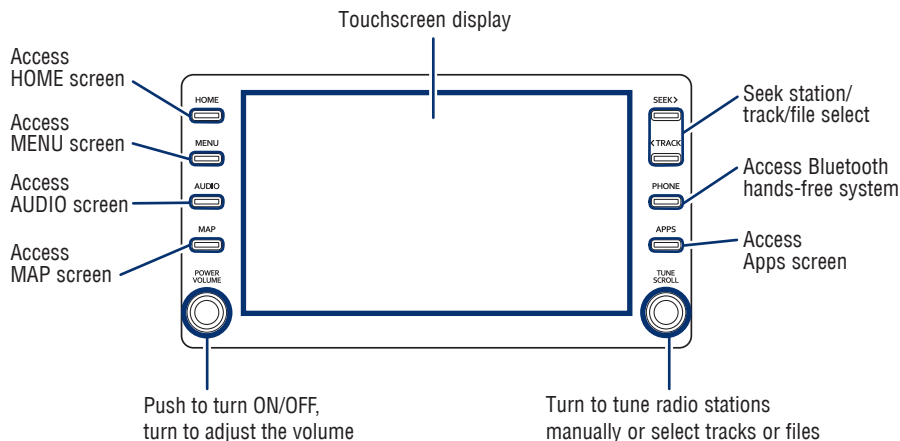
Bluetooth® technology allows dialing or receipt of calls without removing your hands from the steering wheel.

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

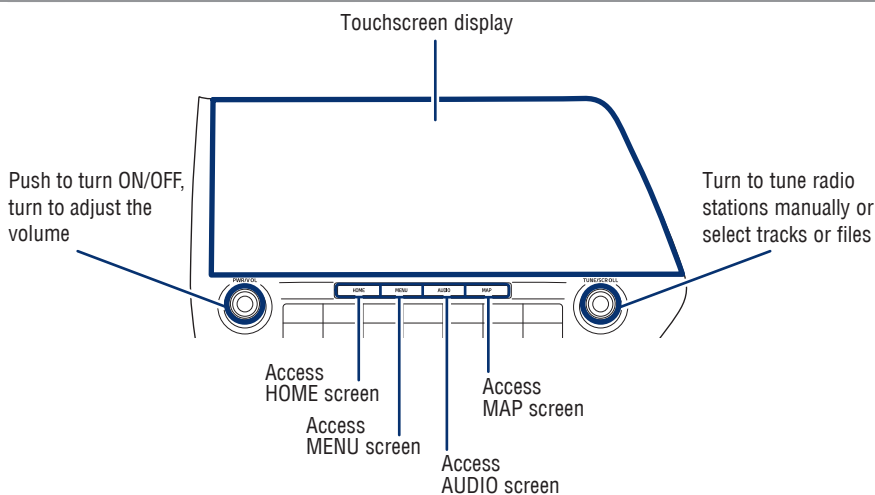
NOTE: Always use safe driving practices and follow all traffic rules.

Audio

VEHICLES EQUIPPED WITH 8-in DISPLAY



VEHICLES EQUIPPED WITH 12.3-in DISPLAY

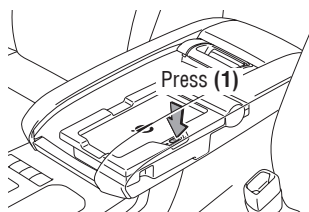
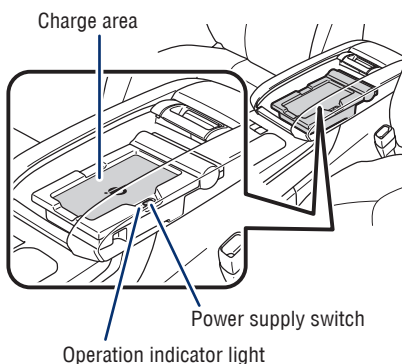


Refer to the “Navigation and Multimedia System Owner’s Manual” or visit www.toyota.com/audio-multimedia for additional resources.

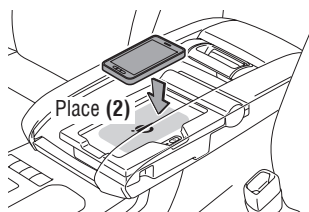
NOTE: Always use safe driving practices and follow all traffic rules.

FEATURES & OPERATIONS

Qi Wireless charger (if equipped)



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



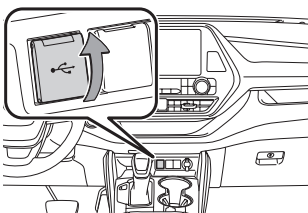
Place device nearest the center of charging area for best results. Moving device may result in stopping or restarting the charging process.

A mobile device can be charged wirelessly on the tray. Push the tab and slide the console box lid. **(1)** Press the power supply 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 vehicle must be in the "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.

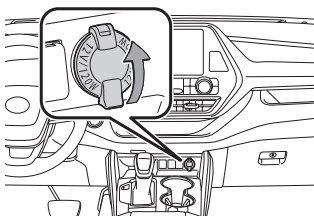
USB media port



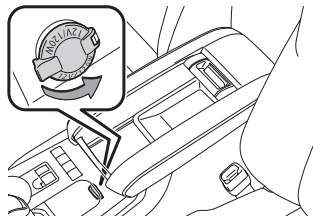
Connecting a compatible device and cable into the USB media port will support charging and music playback through the audio multimedia system.

Power outlets- 12V DC

Front

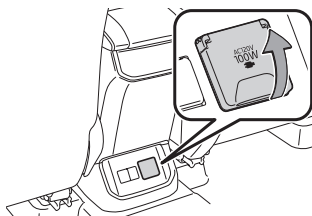


Center console (inside)



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

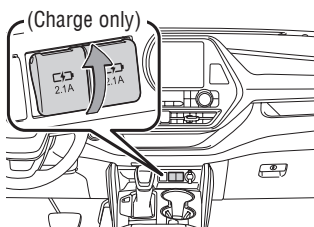
Power outlets- 120V AC (if equipped)



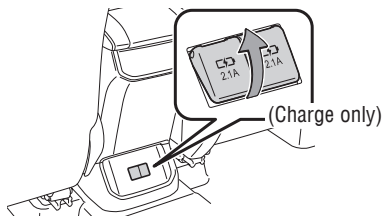
The vehicle must be on for use.

USB charge ports

Front



Rear



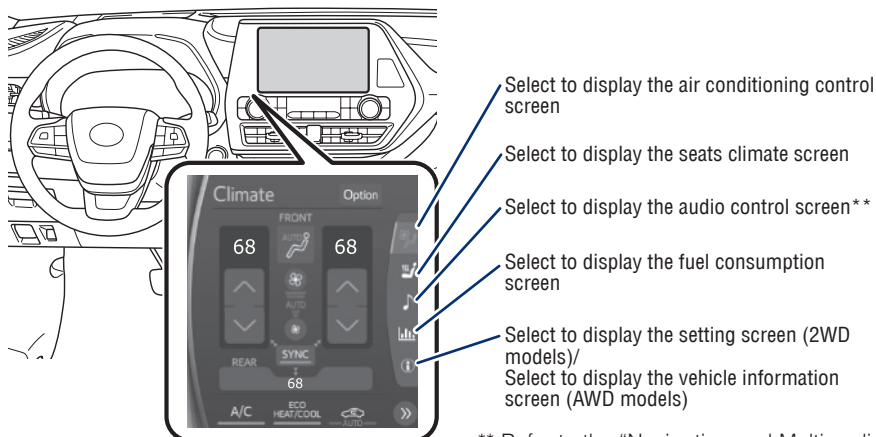
The vehicle must be in the “ACCESSORY” or “IGNITION ON” mode for use.

FEATURES & OPERATIONS

Toyota multi-operation touch*

* © 1982-2013, QNX Software Systems Limited. All rights reserved.

Toyota multi-operation touch allows a screen, such as the air conditioning control screen, and the navigation screen to be displayed and operated simultaneously. Available only on vehicles with 12.3-in display.



** Refer to the "Navigation and Multimedia System Owner's Manual.

OPERATION

Moving screens:

Select "◀ ▶" to change its displayed position on the Toyota multi-operation touch. The screen position can also be changed by performing a left or right flick operation on a screen.

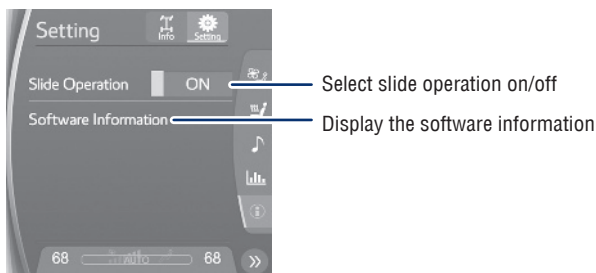
Full screen display/split screen display:

Select "◀ ▶" on the energy monitor/consumption screen or vehicle information screen will display that screen in full screen.

Select "◀ ▶" to return to the split-screen display.

SETTINGS

AWD models: Select "Setting" on the vehicle information screen to display the setting screen.

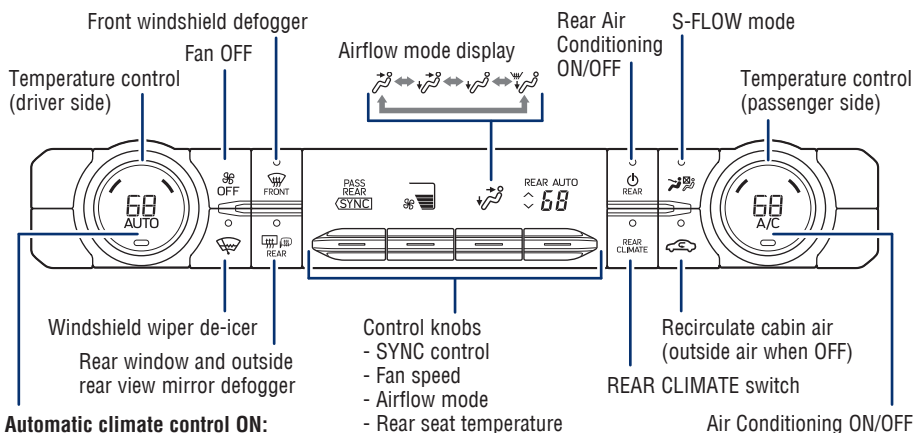


Refer to the Owner's Manual or "Navigation and Multimedia System Owner's Manual" for more details.

Air conditioning/heating

FRONT AUTOMATIC AIR CONDITIONING

Vehicles equipped with 8-in display



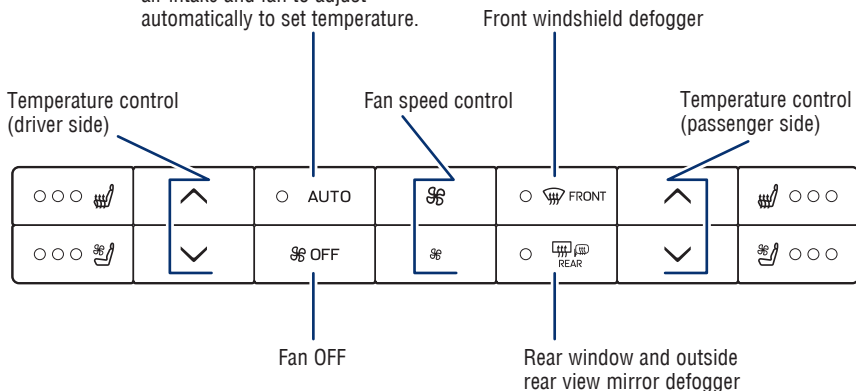
Automatic climate control ON:

Adjusting the temperature setting will cause the airflow vents, air intake and fan to adjust automatically to set temperature.

Vehicles equipped with 12.3-in display (if equipped)

Automatic climate control ON:

Adjusting the temperature setting will cause the airflow vents, air intake and fan to adjust automatically to set temperature.



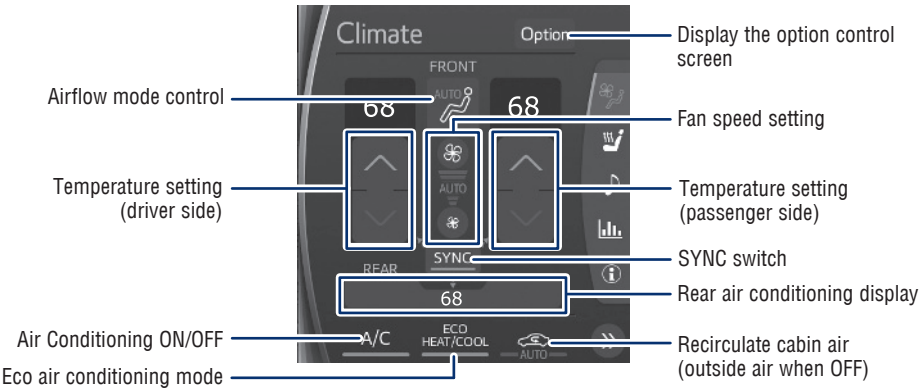
FEATURES & OPERATIONS

Air conditioning/heating (continued)

FRONT AUTOMATIC AIR CONDITIONING (CONTINUED)

Front air conditioning control screen (12.3-in display)

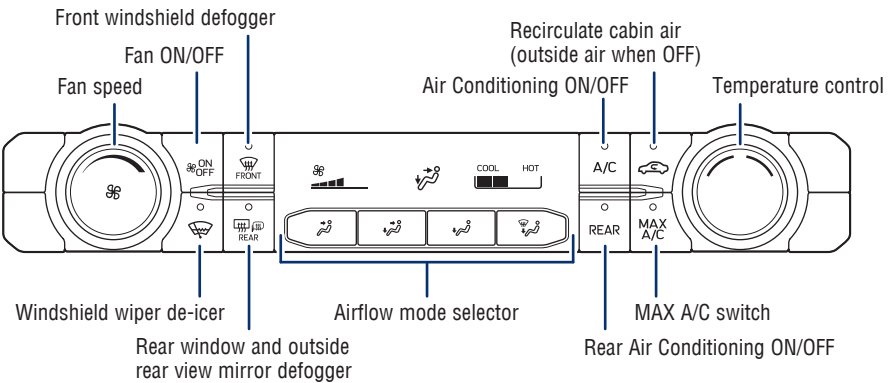
Main control screen



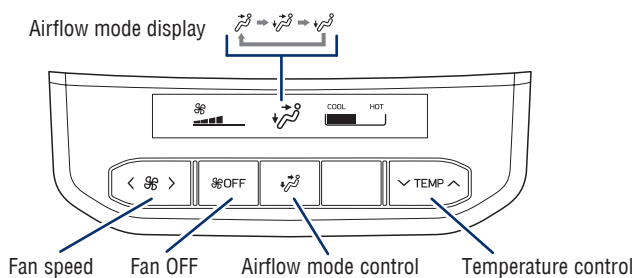
Option control screen



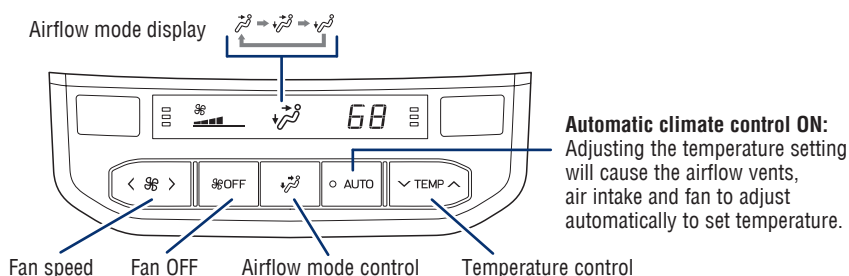
FRONT MANUAL AIR CONDITIONING (IF EQUIPPED)



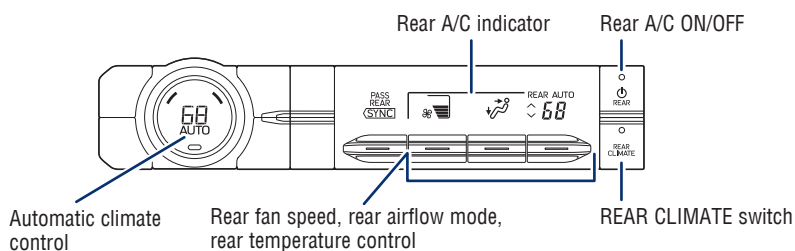
REAR MANUAL AIR CONDITIONING (IF EQUIPPED)



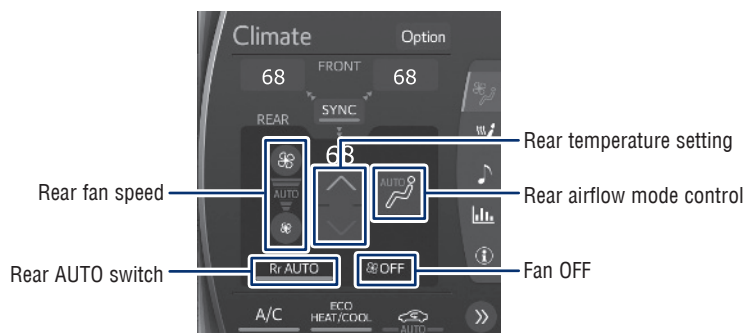
REAR AUTOMATIC AIR CONDITIONING (IF EQUIPPED)



Front air conditioning control panel (8-in display)



Rear air conditioning control panel (12.3-in display)

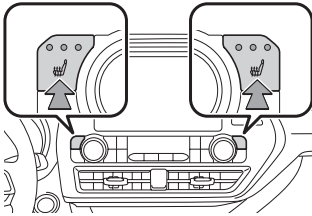


FEATURES & OPERATIONS

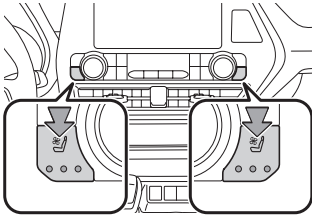
Heated/ventilated seats (if equipped)

FRONT - FRONT A/C CONTROL PANEL (IF EQUIPPED)

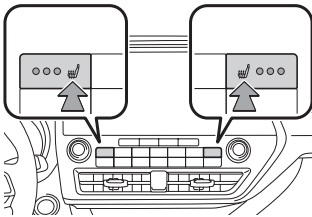
Heated seats for driver and passenger - 8-in display



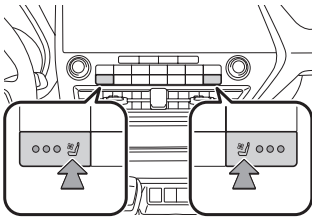
Ventilated seats for driver and passenger - 8-in display



Heated seats for driver and passenger - 12.3-in display



Ventilated seats for driver and passenger - 12.3-in display



FRONT - TOYOTA MULTI-OPERATION TOUCH* (IF EQUIPPED)

Heated



Level indicators
(red)

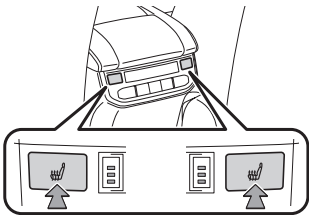
* Available only on vehicles equipped with 12.3-in display

Ventilated



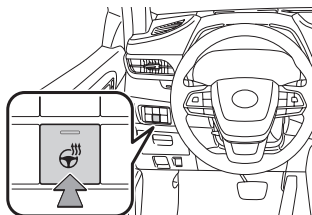
Level indicators
(blue)

REAR (SEAT HEATERS ONLY) (IF EQUIPPED)



The vehicle must be on for use.

Heated steering wheel (if equipped)



The vehicle must be on for use.

Driver Easy Speak*

* Available only on vehicles equipped with Premium Audio

This feature utilizes the vehicle's built-in microphone to amplify the driver's voice through the rear speakers. The feature must be turned on every time you enter the vehicle, and automatically turns off when any door (including the liftgate) is opened. There are 7 volume settings.

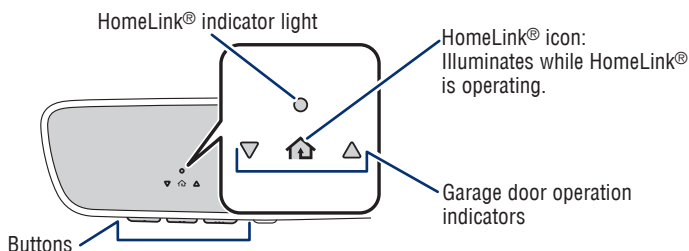
To activate:

- (1) Select "MENU" on the Audio Multimedia System and then select "Setup".
- (2) Select "Driver Easy Speak" from "Audio" screen.

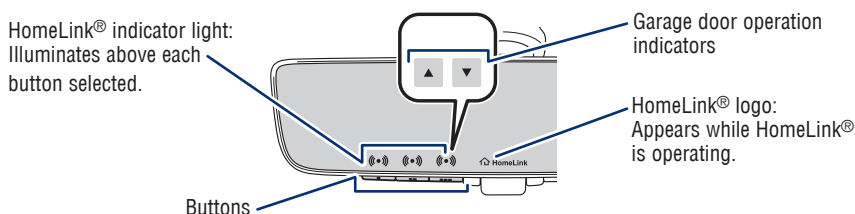
FEATURES & OPERATIONS

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

Vehicles with auto anti-glare inside rear view mirror (if equipped)



Vehicles with Digital Rearview Mirror (if equipped)



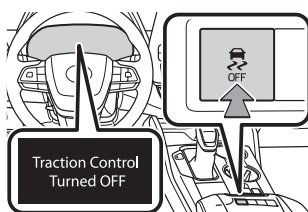
Garage door openers manufactured under license from HomeLink®* can be programmed to operate garage doors, estate gates, security lighting, etc.

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.

Vehicle Stability Control (VSC)/ TRAC /Trailer Sway Control OFF switch

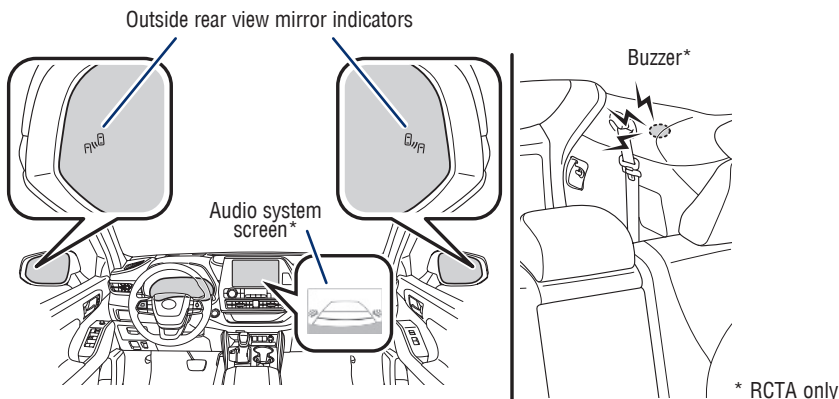


The VSC OFF switch can be used to help free a stuck vehicle in surroundings like mud, dirt or snow. While the vehicle is stopped, press switch to disable the TRAC system.

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

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

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



BLIND SPOT MONITOR (BSM)

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

REAR CROSS TRAFFIC ALERT (RCTA)

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

SYSTEM ON/OFF

- (1) Press “<>” or “◇” switches and select “” from the Multi-Information Display (MID).
- (2) Press “<>” or “◇” switches and select “” or “RCTA” then press “.
 The setting screen is displayed.

- (3) Press “<>” or “◇” switches and select the “On/Off” setting function and then press “.
- (4) Press “” to go back to the menu.

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

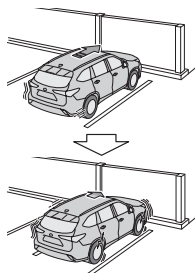
FEATURES & OPERATIONS

Front and Rear Parking Assist with Automated Braking (PA w/AB) (if equipped)

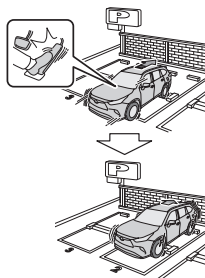
The Front and Rear Parking Assist with Automated Braking consists of the following functions that operate when driving at a low speed or backing up, such as when parking. When the system determines that the possibility of a collision with a detected object is high, a warning operates to urge the driver to take evasive action. If the system determines that the possibility of a collision with a detected object is extremely high, the brakes are automatically applied to help avoid the collision or help reduce the impact of the collision.

FUNCTIONS

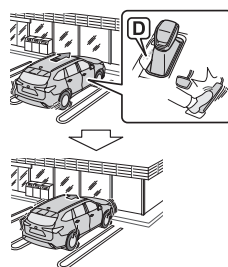
For the static object



When traveling at a low speed and the brake pedal is not depressed, or is depressed late.



When the accelerator pedal is depressed excessively.



When the vehicle moves in the unintended direction due to the wrong shift position.

For the rear-crossing vehicles



When reversing, a vehicle is approaching and the brake pedal is not depressed, or is depressed late.

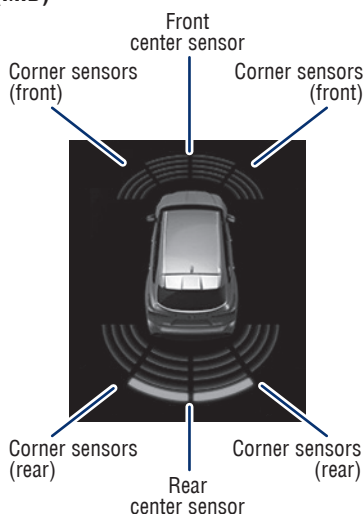
CHANGE SETTINGS

- (1) Press “” switches and select “” from the Multi-Information Display (MID).
- (2) Press “” switches and select “” and then press “”. The setting screen is displayed.
- (3) Press “” to select the desired setting.
- (4) Press “” to go back to the menu.

Refer to all of the section “Parking Support Brake function” (static objects and rear-crossing vehicles) in the Owner’s Manual for limitations and more details.

Intuitive parking assist (if equipped)

Multi-Information Display (MID)



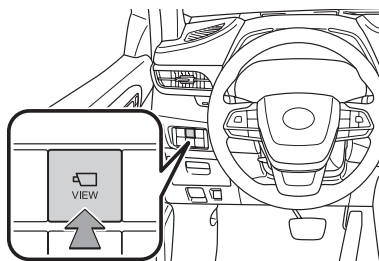
If the sensors detect an obstacle, the buzzer and MID or navigation system display inform the driver of the approximate position and distance of the obstacle by illuminating continuously (far) or blinking (near). Depending on your Audio Multimedia system, you can adjust settings.

SYSTEM ON/OFF

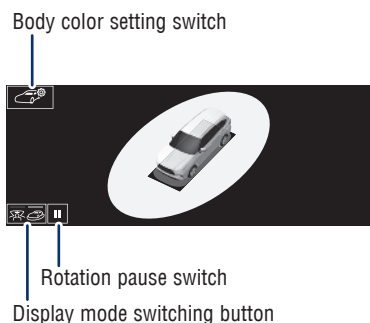
- (1) Press “” switches and select “” from the Multi-Information Display (MID).
- (2) Press “” switches and select “” and then press “.” The setting screen is displayed.
- (3) Press “” switches and select the “Intuitive parking assist on/off” setting function and then press “.”
- (4) Press “” to go back to the menu.

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

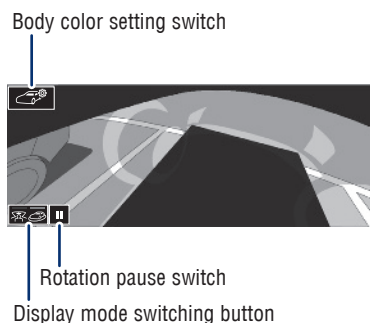
Bird's Eye View Camera with Perimeter Scan (if equipped)



Moving view



See-through view



The Bird's Eye View Camera with Perimeter Scan function assists the driver in viewing the surroundings, when operating at low speeds or parking, by combining front, side and rear cameras and displaying an overhead image on the Audio Multimedia System screen.

To display the moving view/see-through view screen, press the camera switch when the shift lever is in the "P" position and the Intuitive parking assist is enabled.

For limitations and more details, refer to the "Navigation and Multimedia System Owner's Manual."

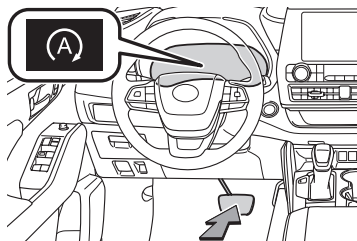
Stop & Start Engine System

The Stop & Start Engine System stops and restarts the engine according to the brake pedal operation and other operations when the vehicle is stopped.

Stopping and restarting the engine

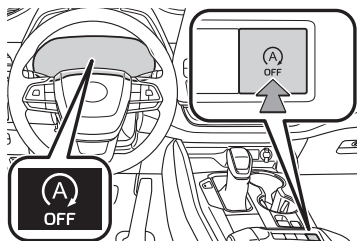
While driving with the shift lever in D, depress the brake pedal, and stop the vehicle. The engine will stop automatically.

To restart the engine, release the brake pedal. The engine will start automatically.



Disabling the Stop & Start Engine System

Press the Stop & Start Engine System cancel switch to disable the system.



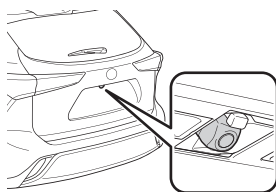
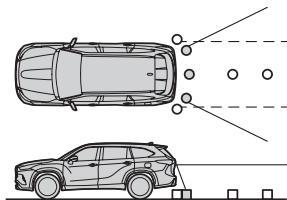
HILL-START ASSIST CONTROL (HAC)

If the engine is stopped by the Stop & Start Engine System when the vehicle is on an incline, brake force is temporarily maintained to prevent rolling backwards until the engine is restarted and drive force is generated.

When drive force is generated, the maintained brake force is automatically canceled.

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

Rear view monitor system (if equipped)



The rear view monitor system displays an image of the view from the bumper of the rear area of the vehicle. The camera for the rear view monitor system is located above the license plate.

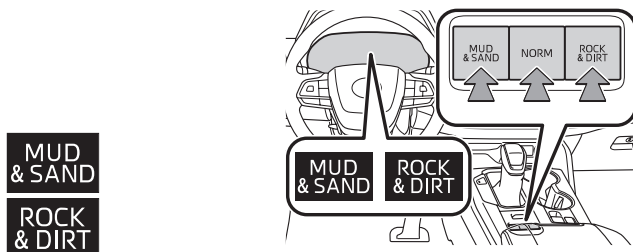
To adjust the image on the rear view monitor screen, press the "MENU" button and select "Display." Select "Camera" to adjust the screen contrast and brightness.

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

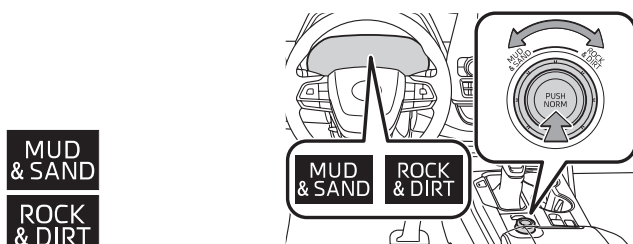
FEATURES & OPERATIONS

Multi-terrain Select (AWD vehicles)

DYNAMIC TORQUE CONTROL AWD VEHICLES



DYNAMIC TORQUE VECTORING AWD VEHICLES



Multi-terrain Select is a system that helps drivability in off-road situations.

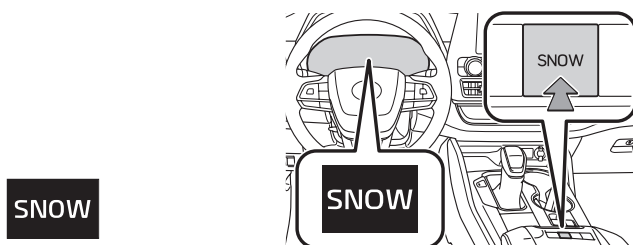
When driving over muddy, sandy or rough road surfaces, the system selects a suitable driving mode to switch AWD, brake and drive force control to perform control suitable for the road condition.

MUD & SAND - Muddy roads, sandy roads or dirty conditions.

ROCK & DIRT - Very bumpy road conditions, such as unpaved forest roads.

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

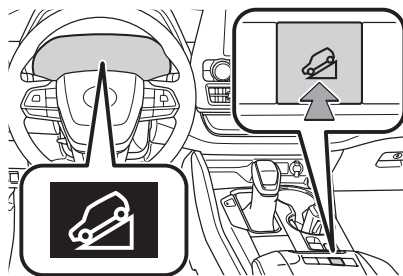
Snow mode button



Use snow mode for accelerating and driving on slippery road surfaces, such as on snow.

Refer to the Owner's Manual for more details.

Downhill Assist Control system (DAC) (if equipped)

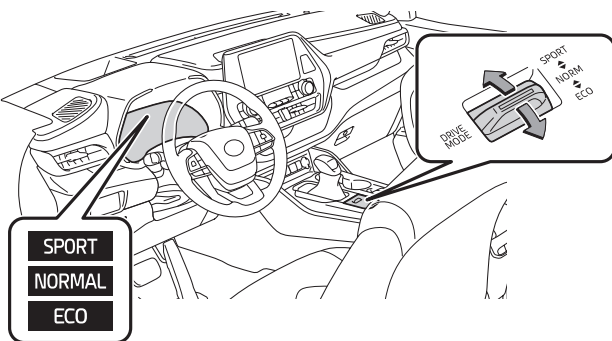


With the downhill assist control system, the vehicle is able to descend a steep hill, maintaining a constant low speed of about 18 mph (30 km/h) without brake pedal operation.

Press the “DAC” button to activate the system. The slip indicator will flash to indicate that the downhill assist control system is operating.

Refer to the Owner's Manual for more details.

Driving mode select switch



SPORT mode - Use Sport mode when increased acceleration response and precise handling is desired, for example, when driving on mountain roads.

Normal - Suitable for normal driving.

ECO mode - Helps achieve lower fuel consumption during trips that involve frequent accelerating and braking.

Refer to the Owner's Manual for more details.

Quick overview-Toyota Safety Sense™ 2.5+

Toyota Safety Sense™ 2.5+ (TSS 2.5+) 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 2.5+ 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 grille-mounted radar system is designed to work with the forward-facing camera to help recognize a preceding pedestrian or bicyclist, and provide an alert, mitigation and/or avoidance support in certain conditions.



Lane Tracing Assist (LTA) System

LTA contains all the features of Lane Departure Alert with Steering Assist described below and additionally is designed to help keep the vehicle in the center of a lane by assisting the driver in steering control when using Full-Speed Range DRCC.



Lane Departure Alert with Steering Assist

Lane Departure Alert with Steering Assist is designed to provide notification when the system detects an unintended lane departure.

The Steering Assist function is designed to provide small corrective steering inputs to the steering wheel for a short period of time to help keep the vehicle in its lane.

The Sway Warning function is designed to detect vehicle swaying (based on the vehicle location and steering wheel operation) and alert drivers with an audio and visual alert, urging them to take a break.



Full-Speed Range Dynamic Radar Cruise Control (DRCC)

Full-Speed Range DRCC is designed to help maintain a pre-set distance to a preceding vehicle when the preceding vehicle is traveling at a lower speed. The minimum set speed is approximately 20 MPH, but once activated, the operating speed range is 0-110 MPH.



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.

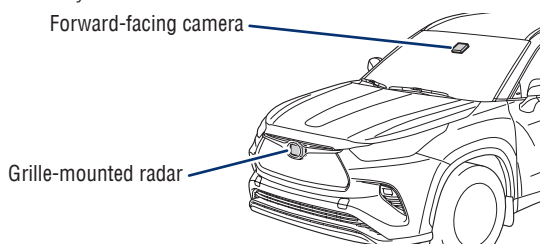


Road Sign Assist (RSA)

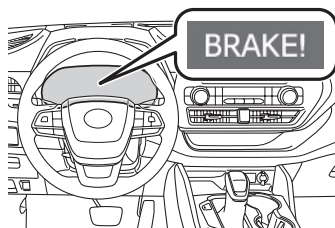
RSA is designed to recognize specific road signs using the forward-facing camera to provide information to the driver via the display.

Sensors

TSS 2.5+ combines a forward-facing camera mounted in front of the inside rear view mirror and a grille-mounted radar mounted in the front grille. These sensors support the driver assist systems.



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



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

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

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

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

PRE-COLLISION SYSTEM (CONTINUED)

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.

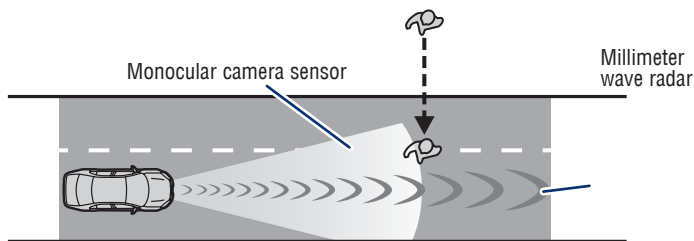
Pre-Collision Braking

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 operation, settings adjustments, limitations, and precautions before attempting to use it.

PCS PEDESTRIAN DETECTION

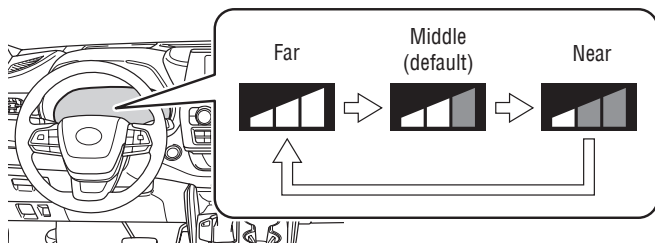
Under certain conditions, the PCS system included with the TSS 2.5+ package may also help to detect a pedestrian or bicyclist in front of your vehicle using the forward-facing camera and front grille-mounted radar. The forward-facing camera of PCS detects a potential pedestrian or bicyclist based on size, profile, and motion of the detected pedestrian or bicyclist. However, a pedestrian or bicyclist may not be detected depending on the conditions, including the surrounding brightness and the motion, posture, size, and angle of the potential detected pedestrian or bicyclist, 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.

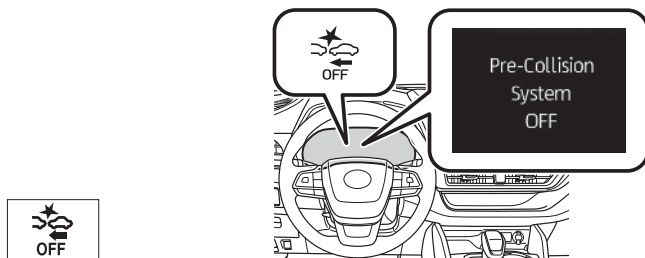
CHANGING PRE-COLLISION ALERT TIMING



- (1) Press “<>” or “⏏” switches and select “⚙️” from the Multi-Information Display (MID).
- (2) Press “<>” or “⏏” switches and select “🚗 PCS” and then press “OK.” The setting screen is displayed.
- (3) Press “<>” or “⏏” switches and select “Sensitivity” and then press and hold “OK” to select the desired setting. Each time it is pressed, the response to the PCS warning timing changes as shown above.
- (4) Press “⏏” to go back to the menu.

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

DISABLING PRE-COLLISION SYSTEM (PCS)



- (1) Press “<>” or “⏏” switches and select “⚙️” from the Multi-Information Display (MID).
- (2) Press “<>” or “⏏” switches and select “🚗 PCS” and then press “OK.” The setting screen is displayed.
- (3) Press “<>” or “⏏” switches and select “PCS on/off” and then press “OK” to select the desired setting.
- (4) Press “⏏” to go back to the menu.

Note: The system is enabled each time the vehicle is turned on.

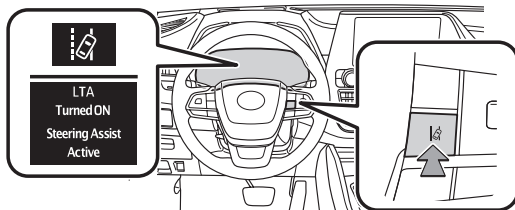
Refer to the Toyota Owner's Manual for additional information on PCS operation, settings adjustments, limitations, and precautions before attempting to use it.

Lane Tracing Assist (LTA) System

TURNING THE LTA SYSTEM ON/OFF

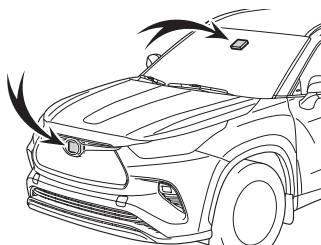
Press and hold the LTA switch to turn the LTA system OFF.

Press the LTA switch again to turn it on.



Note: Operation of the LTA system and setting adjustments continues in the same condition regardless of Ignition cycle until changed by the driver or the system is reset. The LTA indicator is illuminated when the LTA system is on.

LANE TRACING ASSIST SYSTEM



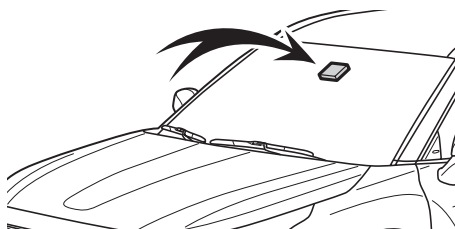
While driving on a road with clear white (yellow) lane lines, the LTA system warns the driver if the vehicle may deviate from the current lane or course, and also can slightly operate the steering wheel to help avoid deviation from the lane or course.

Functions included in the LTA system are Lane Departure Alert with Steering Assist, Vehicle Sway Warning and Lane Centering.

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

Lane Departure Alert with Steering Assist

Press and hold the LTA switch to deactivate Lane Departure Alert with Steering Assist.



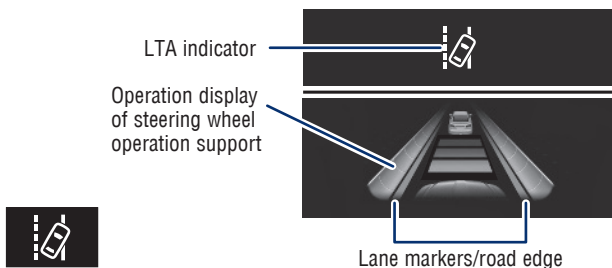
By detecting visible white/yellow lane markings or the road's edge at speeds above 32 mph, Lane Departure Alert with Steering Assist is designed to issue an audio/visual alert if an inadvertent lane departure is detected. If the driver does not take corrective action, the Steering Assist function is designed to provide gentle corrective steering.*

* See toyota.com/safety-sense for more information.

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

LANE DEPARTURE ALERT

LTA system display

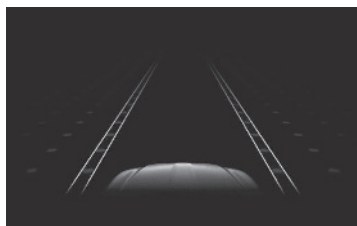


The LTA indicator is illuminated when Lane Departure Alert is active. The LTA indicator and lane markers flash orange when operating.

LANE DEPARTURE ALERT (CONTINUED)



(1)



(2)

The LTA system  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 Lane Departure Alert indicator when visible lane markers or 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 Lane Departure Alert indicator when lane markers or the road are not detected or the function is temporarily canceled.

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

ADJUSTING LANE DEPARTURE ALERT SENSITIVITY

The driver can adjust the sensitivity of the Lane Departure Alert function from the Multi-Information Display (MID) customization screen.

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

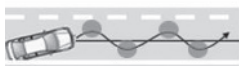
Standard - Is designed to warn approximately when the front tire crosses the lane marker.

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

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

DISABLING LTA SWAY WARNING ALERT

- (1) Press “<>” or “◇” switches and select “” from the Multi-Information Display (MID).
- (2) Press “<>” or “◇” switches and select “” and then press “”. The setting screen is displayed.
- (3) Press “<>” or “◇” switches and select “Sway Warning” and then press “” to select the desired setting.
- (4) Press “” to go back to the menu.

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

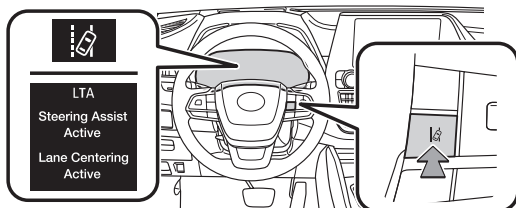
ADJUSTING SWAY ALERT SENSITIVITY

- (1) Press “<>” or “◇” switches and select “” from the Multi-Information Display (MID).
- (2) Press “<>” or “◇” switches and select “” and then press “”. The setting screen is displayed.
- (3) Press “<>” or “◇” switches and select “Sway Sensitivity” and then press “” to select the desired setting.
- (4) Press “” to go back to the menu.

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

Lane Tracing Assist (LTA) with Lane Centering

Press and hold the LTA switch to deactivate Lane Tracing Assist.



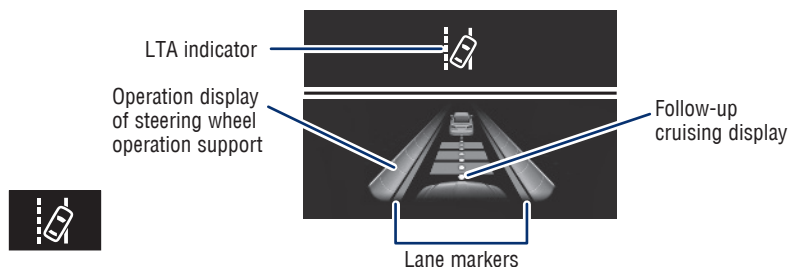
When Full-Speed Range Dynamic Radar Cruise Control (DRCC) is enabled and lane markers are detectable, Lane Tracing Assist (LTA) uses the lines on the road and/or preceding vehicles to help keep the vehicle centered in its lane.

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

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

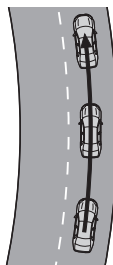
LANE TRACING ASSIST w/LANE CENTERING

LTA system display



The lane centering function is linked with Full-Speed Range Dynamic Radar Cruise Control (DRCC) and provides the required assistance by operating the steering wheel to keep the vehicle in its current lane.

When dynamic radar cruise control with full-speed range is not operating, the lane centering function does not operate.



DISABLING LANE CENTERING FUNCTION

- (1) Press “<>” or “⬆” switches and select “” from the Multi-Information Display (MID).
- (2) Press “<>” or “⬆” switches and select “” and then press “.” The setting screen is displayed.
- (3) Press “<>” or “⬆” switches and select “Lane center” and then press “” to select the desired setting.
- (4) Press “” to go back to the menu.

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

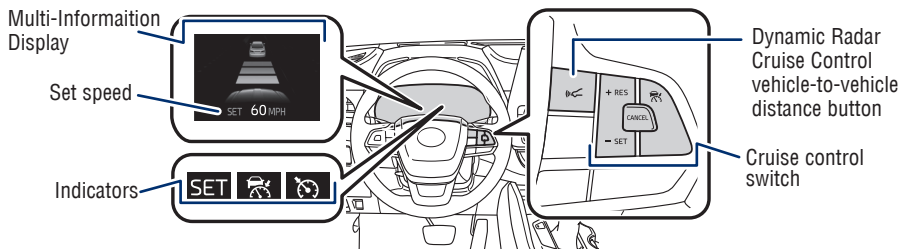
Refer to the Toyota Owner's Manual for additional information on LTA operation, settings adjustments, limitations, and precautions before attempting to use it.

Full-Speed Range Dynamic Radar Cruise Control (DRCC)

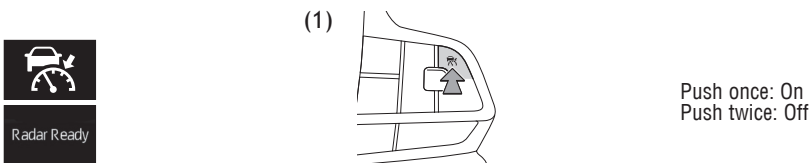
Intended for highway use, Full-Speed Range Dynamic Radar Cruise Control (DRCC) lets you drive at a preset speed. The system is designed to function between 0-110 mph* and uses vehicle-to-vehicle distance control, helping maintain a preset distance from the vehicle ahead of you.*

* See toyota.com/safety-sense for more information.

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

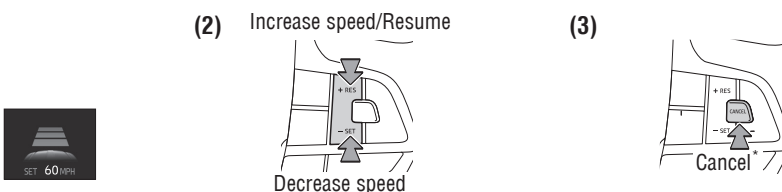


TURNING SYSTEM ON/OFF



Refer to page 54 for switching to Constant Speed (Cruise) Control Mode.

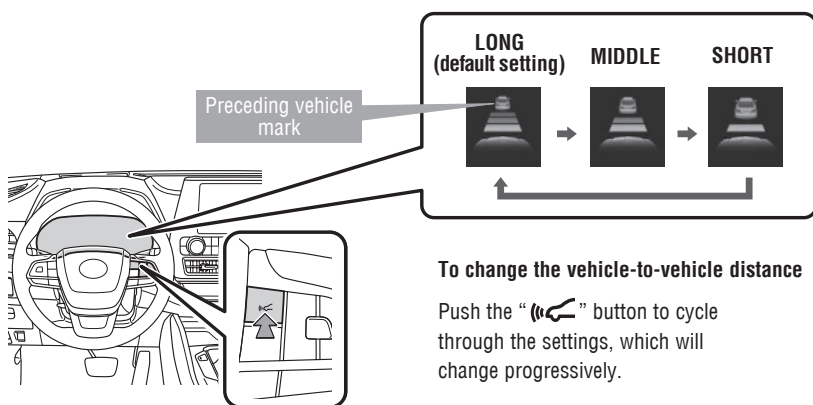
ADJUSTING SET SPEED



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.

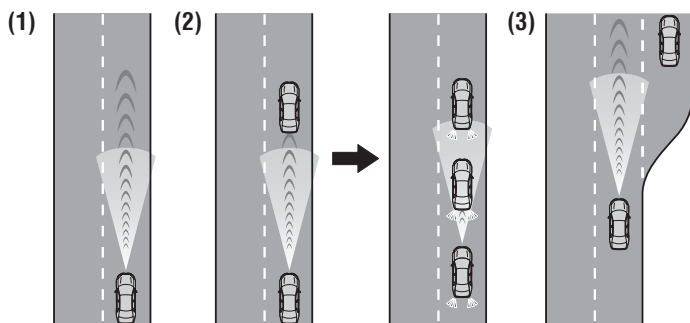
- (1) Push “” to turn DRCC system ON. The “Radar Ready” and “” indicator will come on.
- (2) Use the steering wheel controls to increase speed by pushing “+RES” or decrease the speed by pushing “-SET”. Push and hold to make a large adjustment or push each time to make fine adjustments (1 mph [1.6 km/h] or 1 km/h [0.6 mph] increments.)
- (3) Push “Cancel” to cancel the speed control.

* The speed control may also be canceled by depressing the brake pedal.



This mode employs a radar sensor to detect the presence of a preceding vehicle 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.

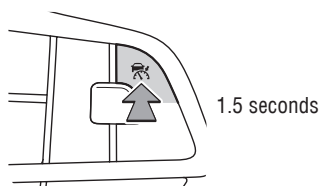
ADJUSTING DISTANCE (CONTINUED)

(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.

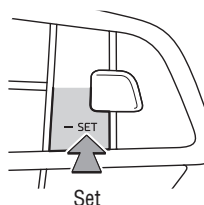
SWITCHING TO CONSTANT SPEED (CRUISE) CONTROL MODE



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.

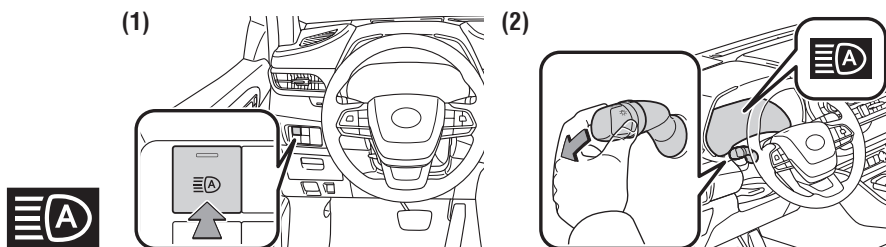
SETTING CONSTANT SPEED (CRUISE) CONTROL



To adjust speed or cancel, see steps (2) and (3) of ADJUSTING SET SPEED on page 52.

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)



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

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

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

ACTIVATING THE AHB SYSTEM

- (1) Press the “” switch.
- (2) Push lever away from you with the headlight switch is in the “” or “AUTO” position.

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

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

The AHB indicator will turn off and “” or “” will turn on. To activate the system again, push the lever its original position or press the “” switch.

CONDITIONS WHERE AHB WILL TURN ON/OFF AUTOMATICALLY

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

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

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

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

Road Sign Assist (RSA)

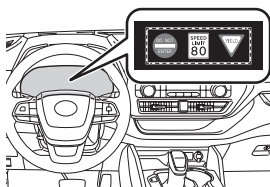
Using an intelligent camera, Road Sign Assist (RSA) is designed to detect speed limit signs, stop signs, do not enter signs and yield signs, and display them on the Multi-Information Display (MID).*

* All vehicle actions must be driver-initiated and are not automated.

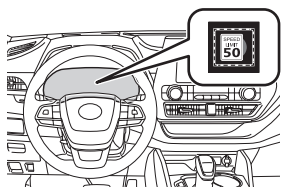
See toyota.com/safety-sense for model applicability.

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

RSA DISPLAY



When the driving support system information is selected, a maximum of 3 signs can be displayed.



When a tab other than the driving support system information is selected, the following types of road signs will be displayed.

- Speed limit sign
- Do Not Enter sign (when notification is necessary)

SUPPORTED TYPES OF ROAD SIGNS



Speed limit



Stop



Do Not Enter



Yield

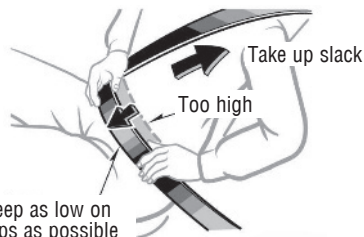
SETTING RSA

- (1) Press “<>” or “” switches and select “” from the Multi-Information Display (MID).
- (2) Press “<>” or “” switches and select “ RSA” and then press “.
- (3) Press “” switches and select the “Road Sign Assist on/off” setting function and then press “” to select the desired setting.
- (4) Press “” to go back to the menu.

Note: If the vehicle was last turned off while a speed limit sign was displayed on the Multi-Information Display, the same sign displays again when the vehicle is turned on.

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

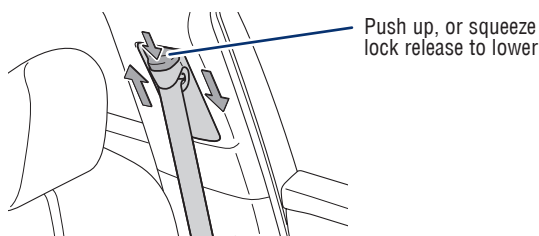
Seat belts



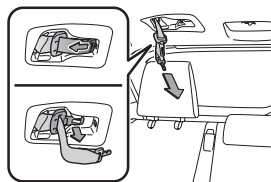
NOTE: If a passenger's seat belt is fully extended, then retracted even slightly, the Automatic locking retractor (ALR) will prevent it from being re-extended beyond that point, unless fully retracted again. This feature is used to help hold child restraint systems securely.

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

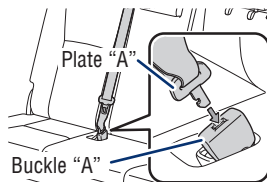
Seat belts-Shoulder belt anchor



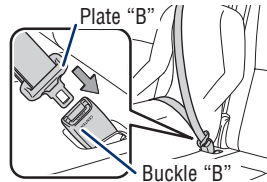
Seat belts-3rd row center



Take the plate out of the holder, and then pull down the seat belt.



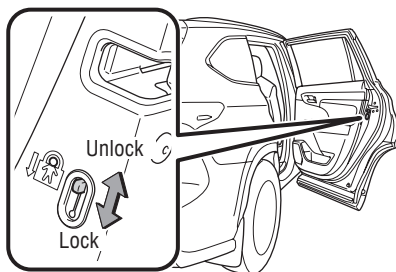
Push plate "A" into buckle "A" until a click sound is heard.



Push plate "B" into buckle "B" until a click sound is heard.

Rear door child safety locks

Rear door



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

Tire Pressure Monitoring (warning) System (TPMS)

Vehicles equipped with 4.2-in display



Vehicles equipped with 7-in display



Park the vehicle in a safe place and turn the vehicle off. (Initialization cannot be performed while the vehicle is moving.) Adjust the tire inflation pressure to the specified cold tire inflation pressure level then turn the vehicle to ON.

System reset initialization

- (1) Press “<>” or “◇” switches and select “” from the Multi-Information Display (MID).
- (2) Press “<>” or “◇” switches and select “” and then press and hold “.
- (3) Select “TPWS” and then push “.
- (4) Select “Set Pressure” and then push and hold “.

“Setting Tire Pressure Warning System” will be displayed on the Multi-Information Display (MID) and the tire pressure warning light will blink 3 times. When the message disappears, initialization is complete.

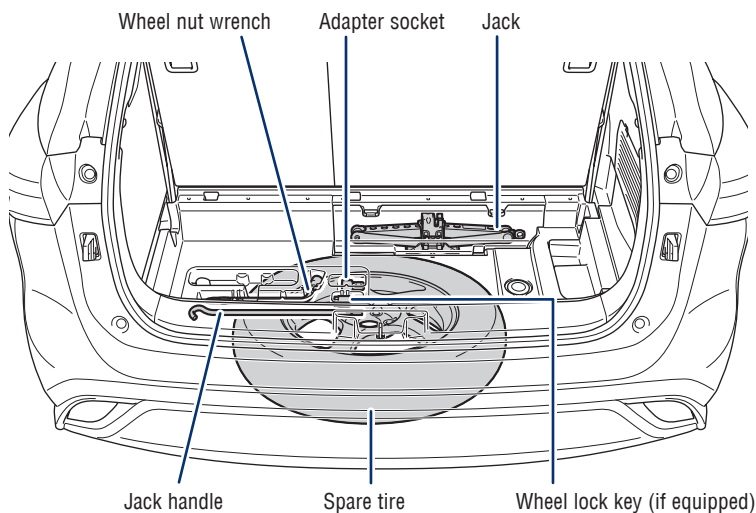
Refer to the load label on the door jamb or the Owner’s Manual for tire inflation specifications.

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

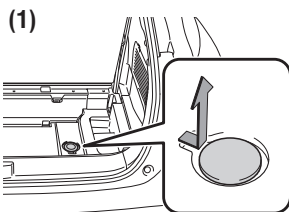
NOTE: The warning light may come on due to temperature changes or changes in tire pressure from natural air leakage. If the system has not been initialized recently, setting the tire pressures to factory specifications should turn off the light.

Spare tire & tools

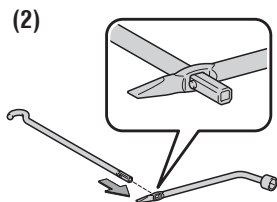
SPARE TIRE, JACK AND TOOL LOCATION



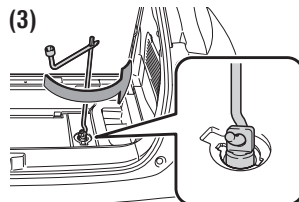
REMOVING THE SPARE TIRE



Remove the cover under the center deck board to find the spare tire clamp bolt.



Assemble the jack handle.

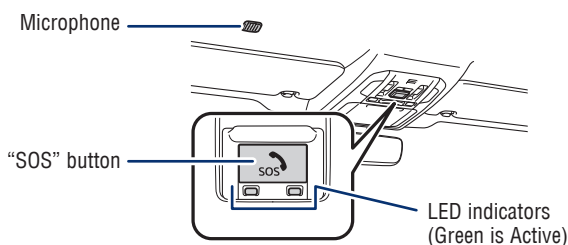


Put the adapter socket on the spare tire clamp bolt. Loosen the bolt by turning it counterclockwise with the jack handle.

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

SAFETY AND EMERGENCY FEATURES

Safety Connect®



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

Services for subscribers include:

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

For 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 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.

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.

ENHANCED VEHICLE STABILITY CONTROL (VSC)

Enhanced Vehicle Stability Control provides cooperative control of the ABS, TRAC, VSC and EPS.

Enhanced VSC helps to maintain directional stability when loss of traction occurs during a turn.

SAFETY AND 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).

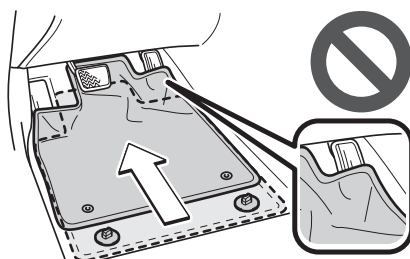
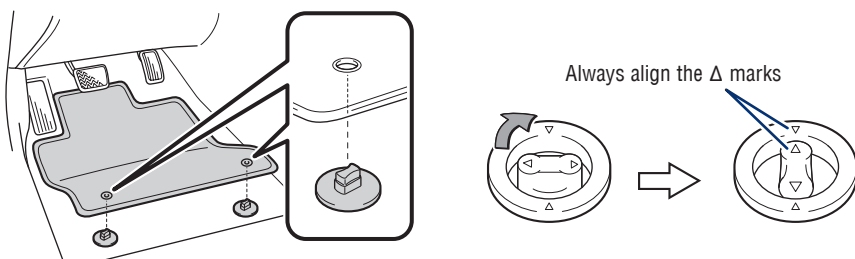
Toyota's TRAC sensors are activated when one of the drive wheels starts to slip. TRAC limits engine output and applies the brakes to the spinning wheel. This transfers power to the wheels that still have traction to help keep you on track.

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.

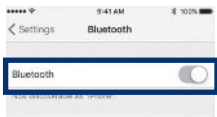
Bluetooth® Pairing for your phone

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

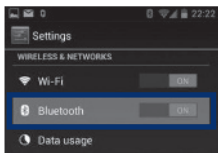


Audio / Audio Plus / Premium Audio

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



iPhone bluetooth Menu

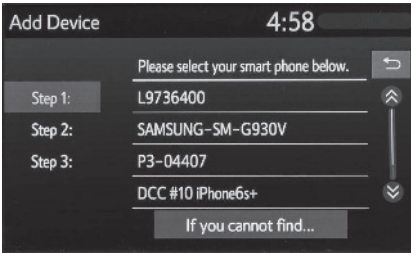


Android bluetooth Menu

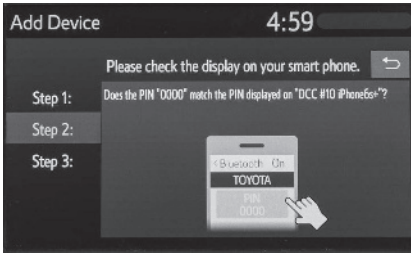


STEP 2 Ensure Bluetooth is turned on for your device.

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



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.)

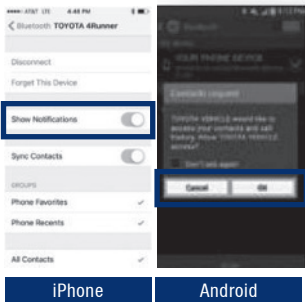


STEP 6 "Connecting" displays while device is forming the connection to your multimedia system.

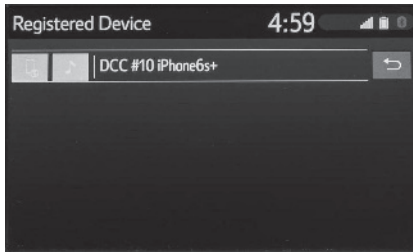


STEP 7 Enable Notifications (text message). While pairing your phone, a message will be displayed:
"You may need to allow message access on your phone."

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



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

NOTES



HIGHLANDER

Quick Reference Guide 2021



00505QRG21HIGR1



Printed in U.S.A. 7/21
21-MKG-15904

toyota.com