

# QUICK REFERENCE GUIDE



**TOYOTA**

**RAV4**

**RAV4 HYBRID**

2022

# 2022

## RAV4 / RAV4 HYBRID

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 RAV4.



### *A word about safe vehicle operations*

This Quick Reference Guide is not a full description of RAV4 operations. Every RAV4 owner should review the Owner's Manual that accompanies this vehicle.

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

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

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## TOYOTA SAFETY SENSE™ 2.0 (TSS 2.0)

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## BLUETOOTH® DEVICE PAIRING SECTION

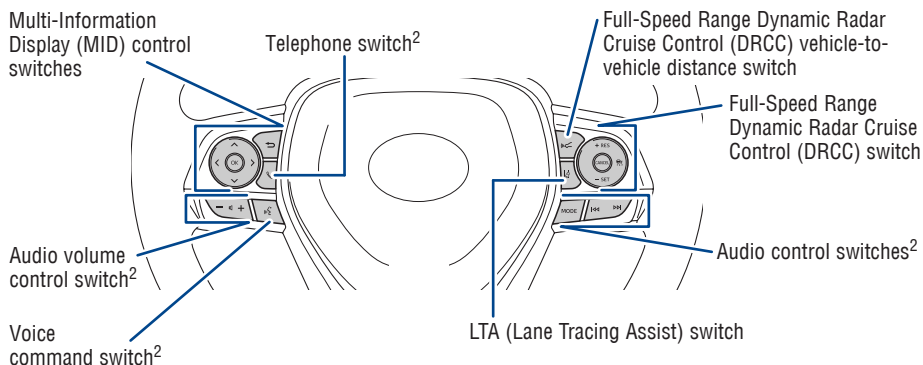
66-68

<sup>1</sup> Visit your Toyota dealer for information on customizing this feature.

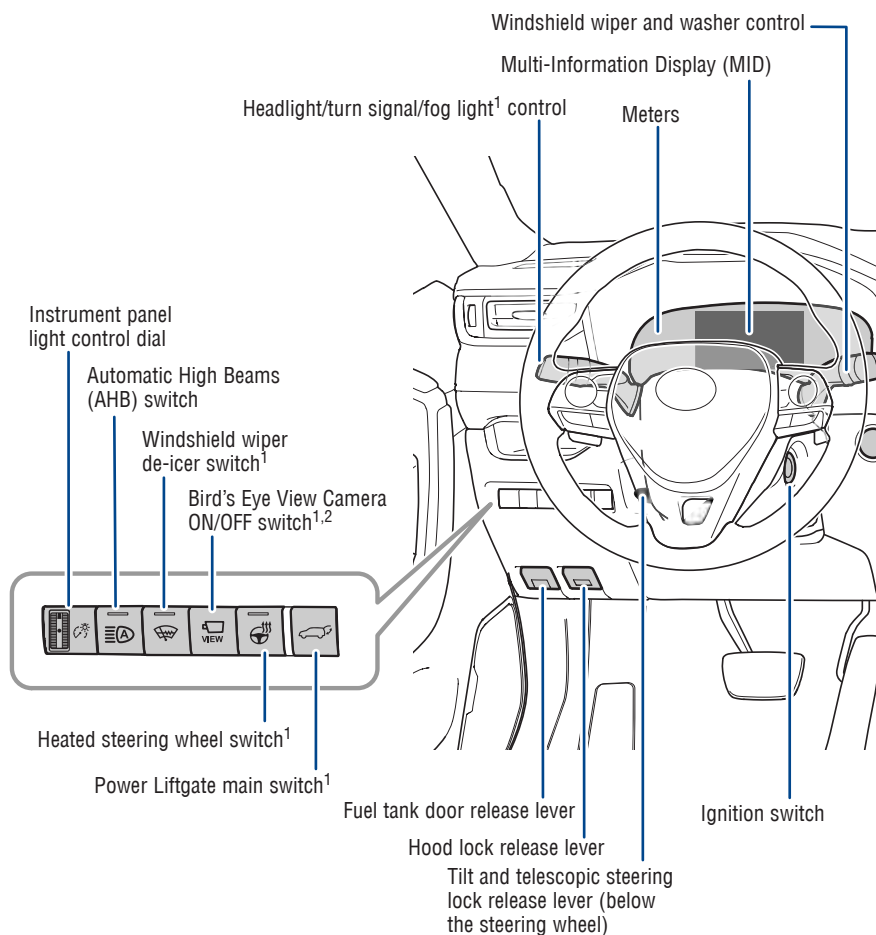
<sup>2</sup> Programmable by customer. Refer to the Owner's Manual for instructions and more information.

<sup>3</sup> HomeLink® is a registered trademark of Gentex Corporation.

## Instrument panel

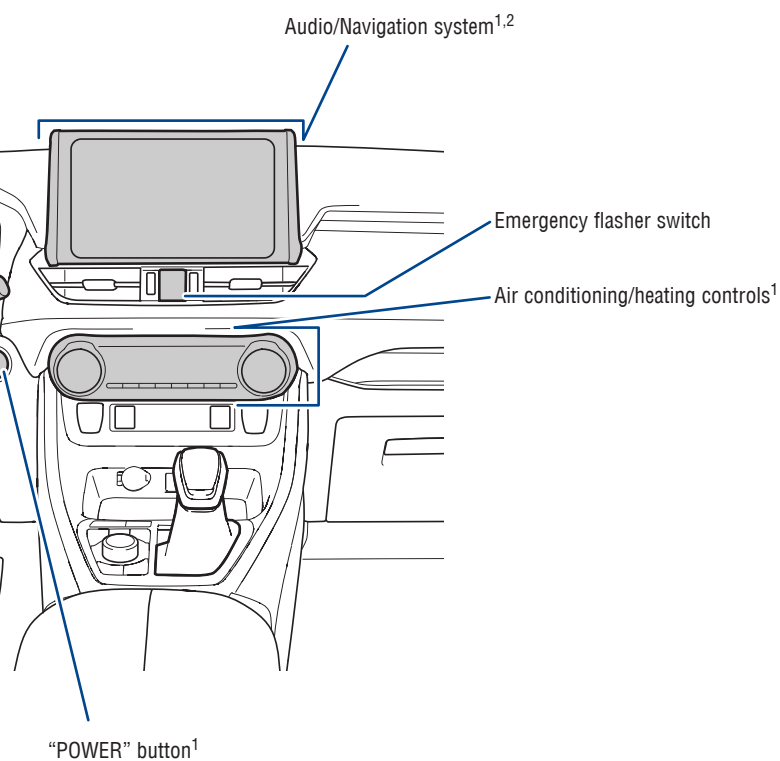


## Steering wheel controls



<sup>1</sup> If equipped.

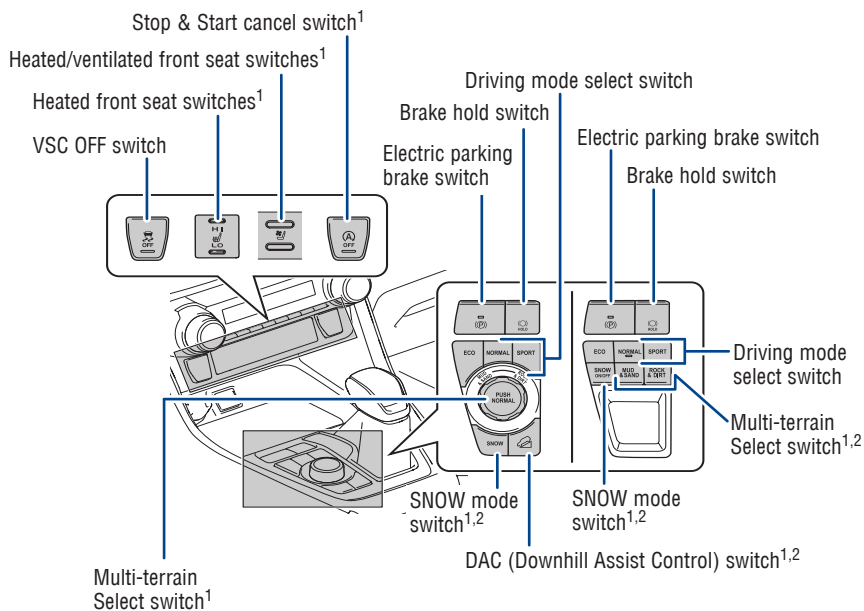
<sup>2</sup> For details, refer to the “Navigation and Multimedia System Owner’s Manual” or visit [www.toyota.com/audio-multimedia](http://www.toyota.com/audio-multimedia) for additional audio/multimedia resources.



## Instrument panel (continued)

### CENTER PANEL AREA

#### RAV4

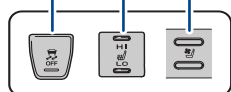


## RAV4 Hybrid

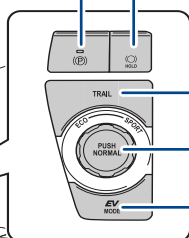
Heated/ventilated front seat switches<sup>1</sup>

Heated front seat switches<sup>1</sup>

VSC OFF switch



Brake hold switch  
Electric parking  
brake switch



Trail Mode switch<sup>3</sup>

Driving mode select  
switch

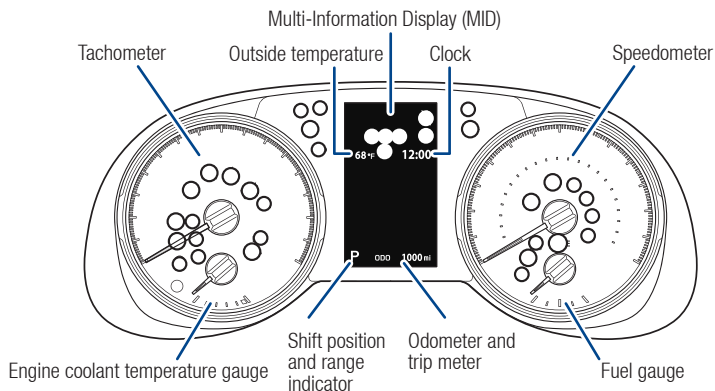
EV drive mode switch<sup>3</sup>

<sup>1</sup> If equipped.

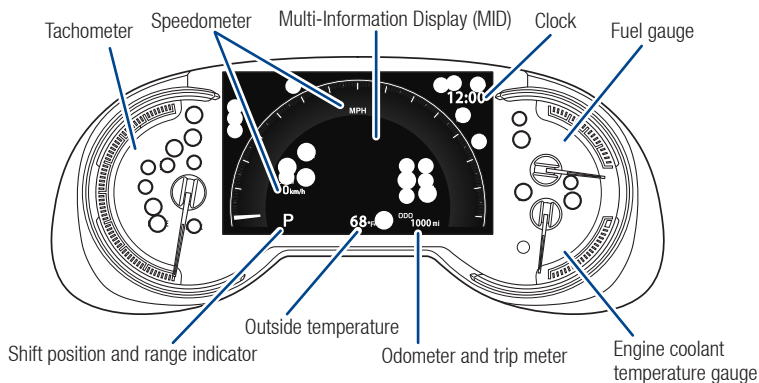
<sup>2</sup> RAV4 only.

<sup>3</sup> RAV4 Hybrid only.

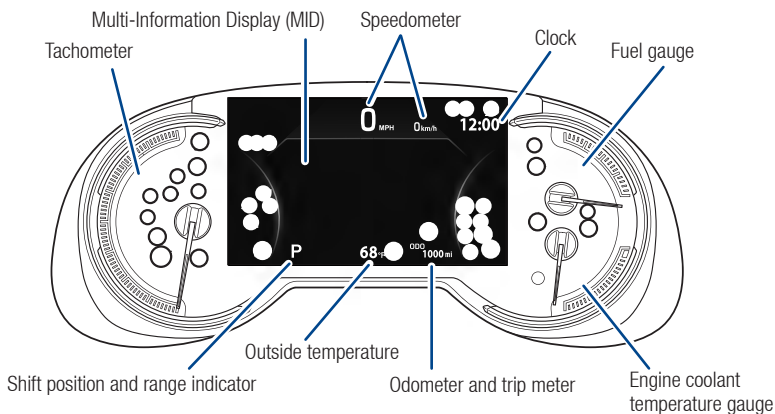
#### Vehicles equipped with 4.2-in display



#### Vehicles equipped with 7-in display (Analog speedometer)

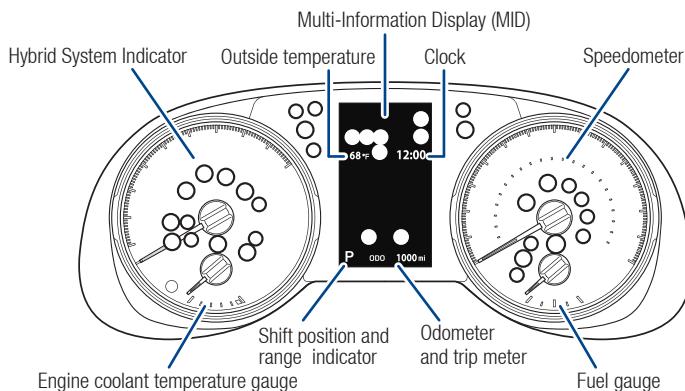
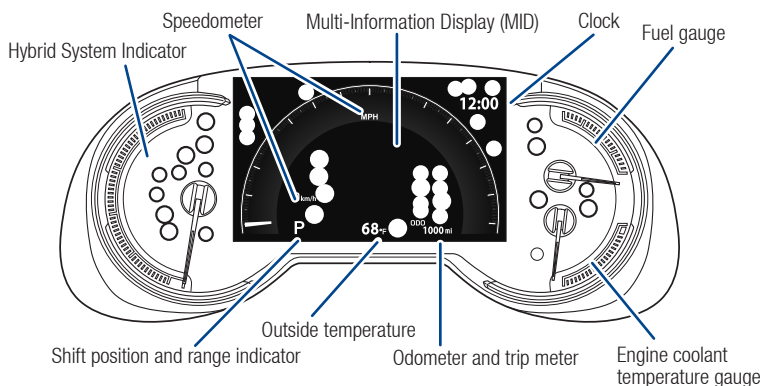
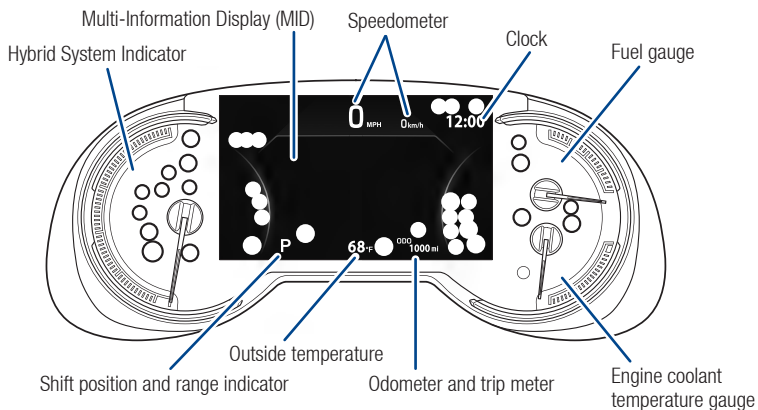


#### Vehicles equipped with 7-in display (Digital speedometer)



○ Service indicators and warning lights

## RAV4 HYBRID

**Vehicles equipped with 4.2-in display****Vehicles equipped with 7-in display (Analog speedometer)****Vehicles equipped with 7-in display (Digital speedometer)**

○ Service indicators and warning lights

# OVERVIEW

## Indicator symbols

For details, refer to “Warning lights and indicators,” Section 2-1, 2022 Owner's Manual.



Airbag ON/OFF indicator<sup>1</sup>



Airbag SRS warning<sup>1</sup>



ABS (Anti-lock Brake System) warning<sup>1</sup>



AHB (Automatic High Beams) indicator



BSM (Blind Spot Monitor) indicator<sup>4</sup>



BSM outside rear view mirror indicators<sup>1,4</sup>



Brake hold operating indicator<sup>1,2</sup>



Brake hold standby indicator<sup>1</sup>



Brake system warning<sup>1</sup>



Brake system warning<sup>1</sup> [Yellow]



Charging system warning<sup>1</sup>



Constant speed cruise control/  
Full-Speed Range Dynamic Radar  
Cruise Control (DRCC) indicator



Constant speed cruise control/Full-Speed Range DRCC SET indicator



Downhill assist control system indicator<sup>1,4,6</sup>



Driver's and front passenger's seat belt reminder (alarm will sound when the vehicle is on)



ECO drive mode indicator



Eco Driving indicator<sup>1,6</sup>



Electric power steering system warning<sup>1</sup> [Red/yellow]



EV drive mode indicator<sup>7</sup>



EV indicator<sup>7</sup>



Fog light indicator<sup>4</sup>



Front and Rear Parking Assist with Automated Braking OFF indicator<sup>1,2,4,5</sup>



Fuel tank door position



Headlight low/high beam indicators



High coolant temperature warning



Hybrid system overheat warning<sup>7</sup>



Inappropriate pedal operation warning



Intuitive parking assist OFF indicator<sup>2,4</sup>

|                                                                                  |                                                                        |                                                                                   |                                                            |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------|
|   | LTA (Lane Tracing Assist) indicator [White/green/orange <sup>3</sup> ] |   | Security indicator                                         |
|  | Low engine oil pressure warning                                        |  | Slip indicator <sup>1,3</sup>                              |
|  | Low fuel level warning                                                 |  | Smart Key system indicator <sup>4</sup>                    |
|  | Low outside temperature indicator                                      |  | Snow mode indicator <sup>4,6</sup>                         |
|  | Low tire pressure warning <sup>1</sup>                                 |  | SPORT mode indicator                                       |
|  | Malfunction/Check Engine indicator <sup>1</sup>                        |  | Stop & Start cancel indicator <sup>1,2,4,6</sup>           |
|  | Mud & sand mode indicator <sup>4,6</sup>                               |  | Stop & Start indicator <sup>1,4,6</sup>                    |
|  | Parking brake indicator <sup>2</sup>                                   |  | Trail Mode indicator <sup>7</sup>                          |
|  | PCS (Pre-Collision System) warning <sup>1,2</sup>                      |  | Turn signal indicator                                      |
|  | RCTA (Rear Cross Traffic Alert) OFF indicator <sup>1,2,4</sup>         |  | VSC (Vehicle Stability Control) OFF indicator <sup>1</sup> |
|  | Rear passengers' seat belt reminder                                    |                                                                                   |                                                            |
|  | "READY" indicator <sup>7</sup>                                         |                                                                                   |                                                            |
|  | Rock & dirt mode indicator <sup>4,6</sup>                              |                                                                                   |                                                            |

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

<sup>2</sup> If the indicator flashes, there may be a malfunction. Refer to the Owner's Manual.

<sup>3</sup> If the indicator flashes, it indicates that the system is operating.

<sup>4</sup> If equipped.

<sup>5</sup> Refer to section PKSB (Parking Support Braking function) in the Owner's Manual.

<sup>6</sup> RAV4 only.

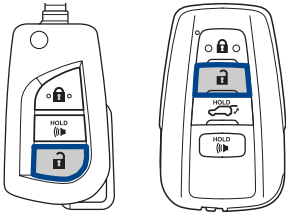
<sup>7</sup> RAV4 Hybrid only.

# OVERVIEW

## Keyless entry

### UNLOCKING OPERATION

**Smart Key**





Push  
ONCE: Driver door  
TWICE: All doors

Carry Smart Key remote

Driver door unlock\*

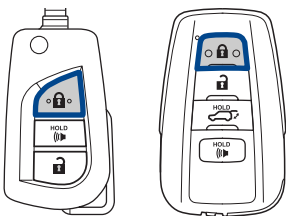
Grasp



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

### LOCKING OPERATION

**Smart Key**





Push

Carry Smart Key remote

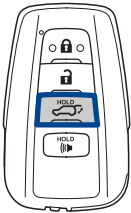
All-door lock

Touch



### POWER LIFTGATE LOCK/UNLOCK (IF EQUIPPED)

**Smart Key**



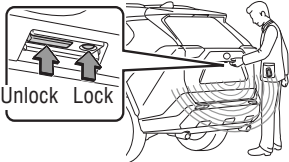
**HOLD**



Push and hold

Carry Smart Key remote

All-door unlock and lock



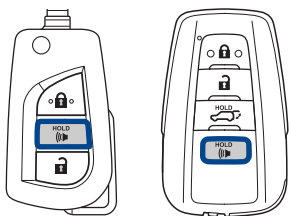
\* Driver door unlocking function can be programmed to unlock driver door only, or all doors. Grasping passenger door handle will unlock all doors.

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

**NOTE: Doors may also be locked/unlocked using the mechanical key.**

## PANIC BUTTON

### Smart Key

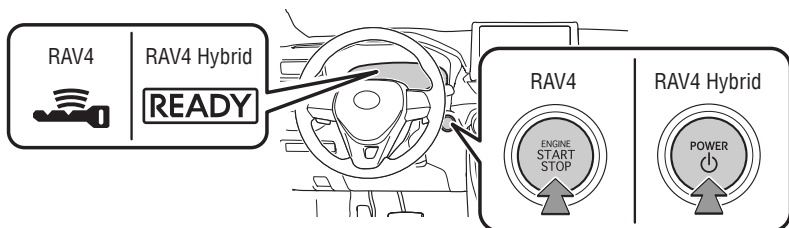


**HOLD**  
  
 Push and hold



## Smart Key system

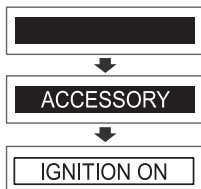
### START FUNCTION



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

### POWER (WITHOUT STARTING VEHICLE)

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

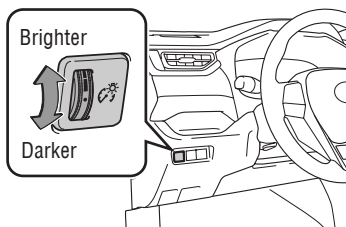


Off - All systems OFF. Emergency flashers can be used.

Accessory – Some electrical components can be used.

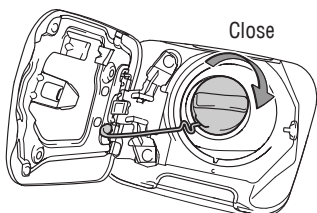
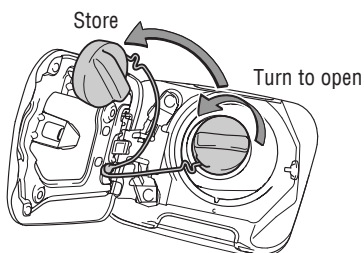
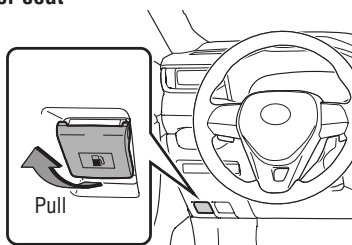
On - All electrical components can be used.

## Instrument panel light control



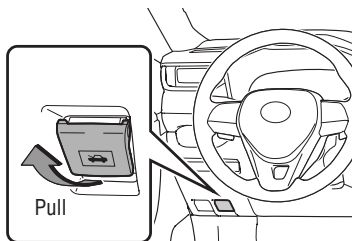
## Fuel tank door release & cap

### Driver seat

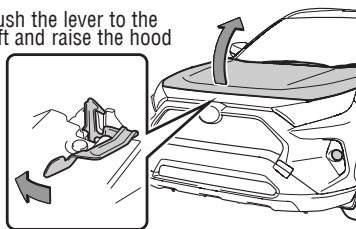


**NOTE:** Tighten until one click is heard. If the cap is not locked or tightened enough, the Check Engine indicator “” may illuminate.

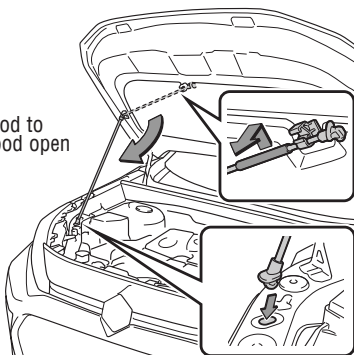
## Hood release



Push the lever to the left and raise the hood

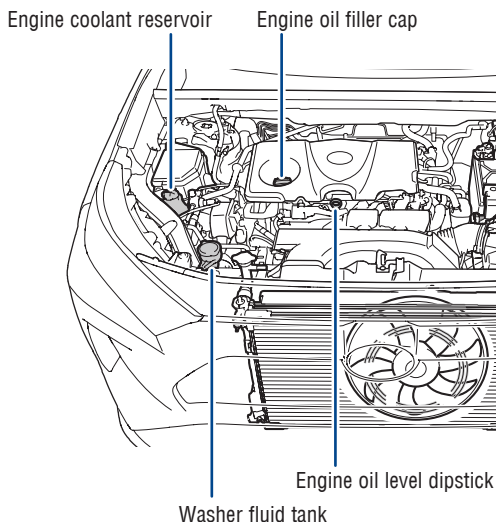


Insert the rod to hold the hood open

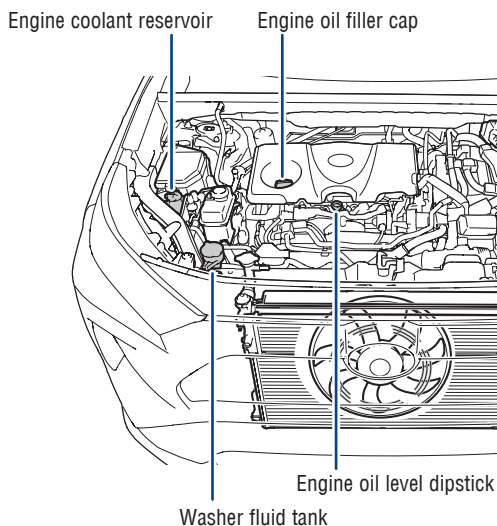


# Engine maintenance

## RAV4



## RAV4 HYBRID



**NOTE:** Regularly scheduled maintenance at your Toyota dealer, 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

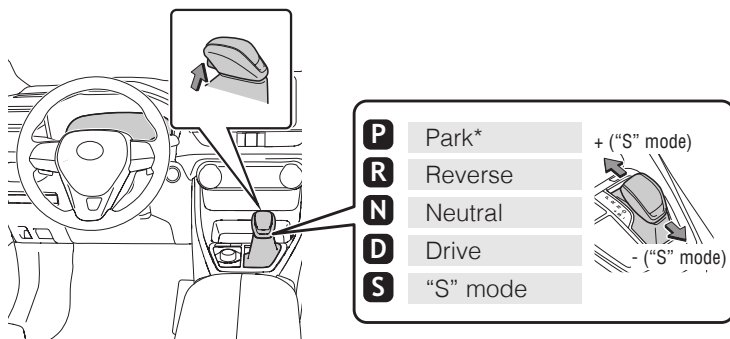
- Doors lock when the vehicle speed goes approximately 12 mph (20 km/h) or higher.

##### Driver's door linked door unlocking function

- Doors unlock within 45 seconds after the vehicle is turned off and driver's door is opened.

Refer to the Owner's Manual for more details.

### Automatic transmission/Hybrid transmission



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

#### "S" (SEQUENTIAL) MODE

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

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

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

## Hybrid Synergy Drive System (RAV4 Hybrid only)

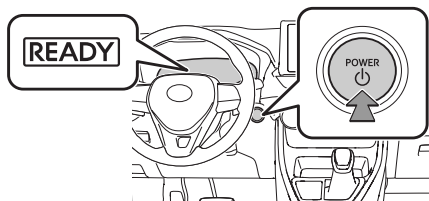
The Hybrid Synergy Drive System utilizes a computer-controlled gasoline engine and electric motor to provide the most efficient combination of power for the vehicle. To conserve energy, when the brakes are applied the braking force generates electricity which is then sent to the traction battery. In addition, the engine shuts off when the vehicle is stopped. The benefits are better fuel economy and reduced vehicle emissions.

**NOTE: Fuel consumption and energy information of the Hybrid System are shown on the Multi-Information Display (MID) and the audio system screen (navigation system or multi-media system.)**

### TIPS FOR IMPROVED FUEL ECONOMY

1. Ensure tire pressures are maintained at levels specified in the Owner's Manual.
2. Link trips to reduce engine cold starts whenever possible.
3. Avoid driving at speeds that are higher than necessary, especially on the highway.
4. When possible, avoid sudden stops to maximize regenerative braking energy.
5. Minimize use of the Air Conditioning.

### STARTING THE HYBRID SYSTEM

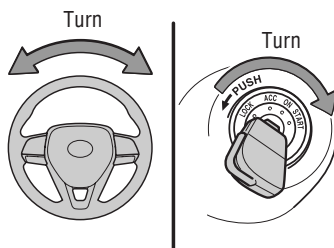


- (1) Put the shift lever in "Park."
- (2) Depress the brake pedal, and "READY" will be displayed on the Multi-Information Display.
- (3) Press the "POWER" button briefly and firmly.

- (4) The "READY" light will be illuminated. After a few seconds, when the light remains steady and a beep sounds, shift the lever to the desired position and you may begin driving.

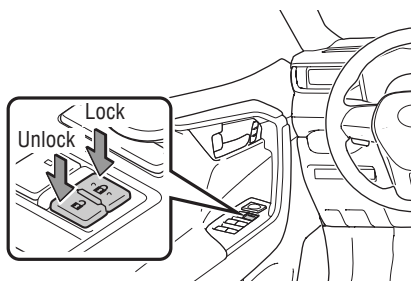
## Steering lock release

### Without Smart Key



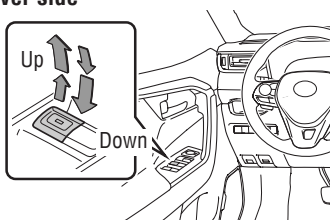
When starting the engine, the engine switch may seem stuck in OFF. To free it, turn the key while turning the steering wheel slightly left and right.

### Door lock switches

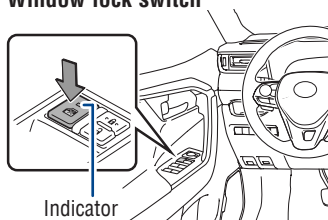


### Power windows

#### Driver side



#### Window lock switch

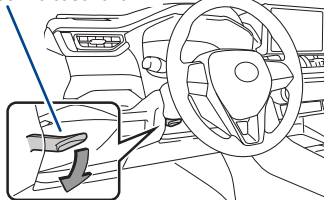


**All window auto up/down** Press the switch completely down or pull it completely up and release to fully open or close. To stop window partway, lightly press the switch in the opposite direction.

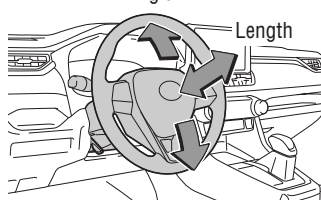
**Window lock switch** Deactivates all passenger windows. Driver's window remains operable.

### Tilt & telescopic steering wheel

#### Lock release lever



#### Angle

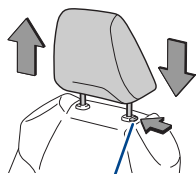


Hold the steering wheel, push the lever down, set angle and length, and return the lever.

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

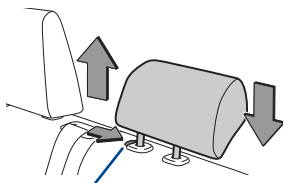
## Seats-Head restraints

Front seats



Lock release button

Rear center seat



Lock release button

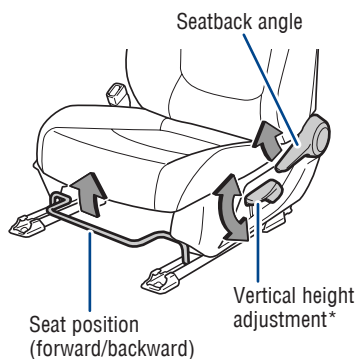
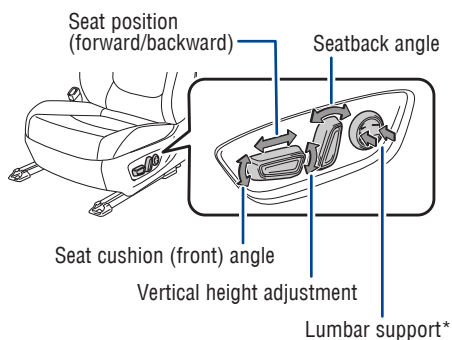
Rear outboard seats

Head restraints cannot be adjusted.

## Front seats-Adjustments

POWER DRIVER SEAT

MANUAL SEAT

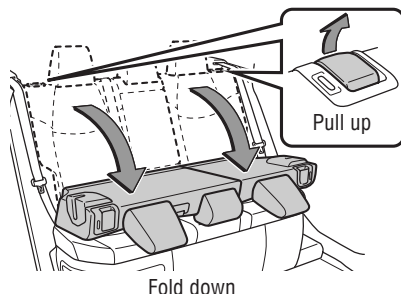
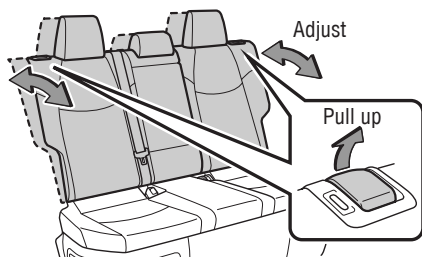


\* Driver's side only.

## Rear seats-Adjustments

ADJUSTMENT

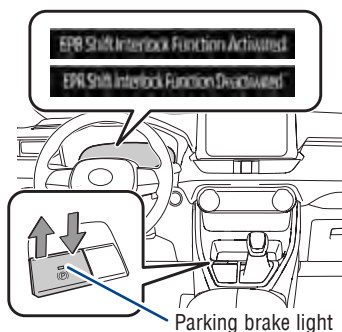
FOLDING



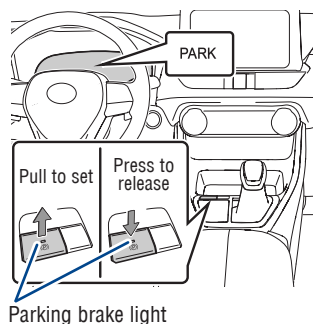
## Electric parking brake

### PARKING BRAKE

#### Automatic mode



#### Manual mode



#### Automatic mode (shift lever operation)

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

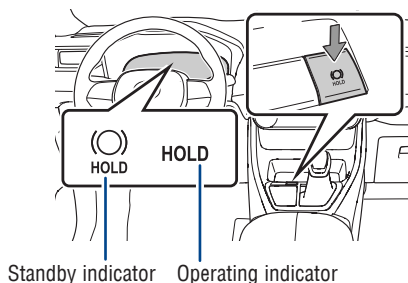
To turn automatic mode OFF, press and hold the parking brake switch until “EPB Shift Interlock Function Deactivated” displays on the MID.

#### Manual mode

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

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

### BRAKE HOLD

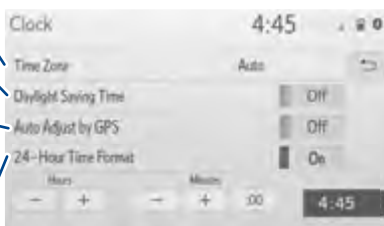


The brake hold system keeps the brake applied when the shift lever is in D, S or N while the system is on and the brake pedal has been depressed to stop the vehicle. The system releases the brake when the accelerator pedal is depressed with the shift lever in D or S to allow smooth start off.

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

## Clock

- Select to change the time zone.
- Select to set daylight saving time On/Off/Auto<sup>1</sup>.
- Select to set automatic adjustment of the clock by GPS on/off.<sup>2</sup> When set to off, the clock can be manually adjusted.
- Select to set the 24 hour time format on/off.



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

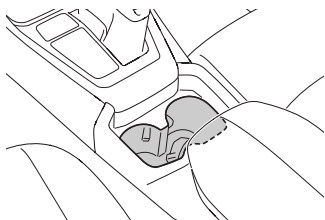
Refer to the "Navigation and Multimedia System Owner's Manual" for more details.

<sup>1</sup> Premium Audio only.

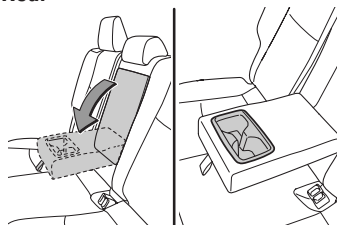
<sup>2</sup> This item may not be displayed when the vehicle is not receiving GPS signals.

## Cup holders

Front



Rear

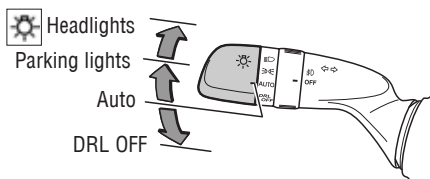


# FEATURES & OPERATIONS

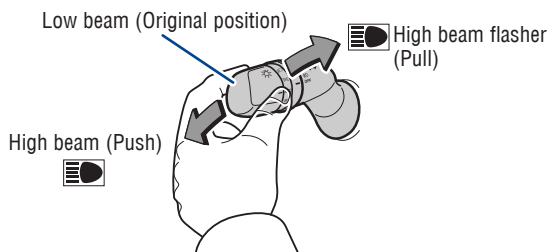
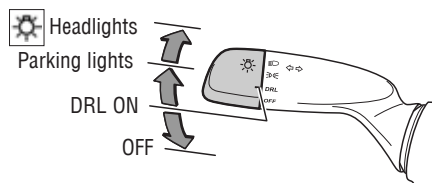
## Lights & turn signals

### HEADLIGHTS

#### Type A



#### Type B



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

#### Automatic light cut off system

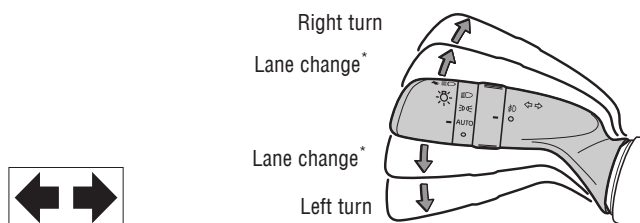
- Headlights are on: The lights will turn off automatically 30 seconds after the vehicle is turned from ON to ACCESSORY or OFF and a door is opened and closed. (If the lock switch on the Smart Key remote is pressed after all the doors are closed, the lights will turn off immediately.)
- Only the taillights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

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

*Refer to Toyota Safety Sense™ 2.0 (TSS 2.0) in this guide or the Owner's Manual for more details on the Automatic High Beams feature.*

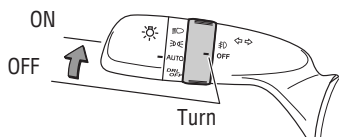
\* Operating conditions must be met. Refer to the Owner's Manual for details.

### TURN SIGNALS



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

## FRONT FOG LIGHTS (IF EQUIPPED)

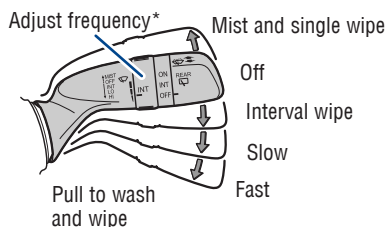


Front fog lights come on only when the headlights are on low beam.

## Windshield wipers & washers

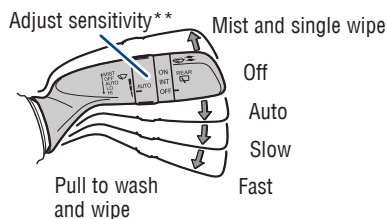
## FRONT

## Intermittent (if equipped)



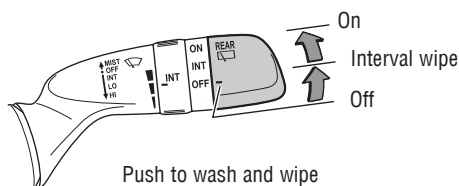
\* **Intermittent windshield wiper frequency adjustment:** Rotate to increase/decrease wiper frequency.

## Rain-sensing (if equipped)



\*\* **Rain-sensing windshield wiper sensitivity adjustment:** Rotate to crease/decrease sensor sensitivity.

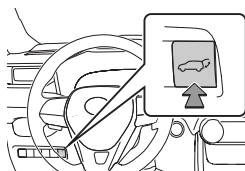
## REAR



## FEATURES & OPERATIONS

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

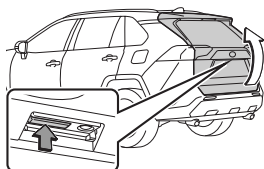
#### Instrument panel



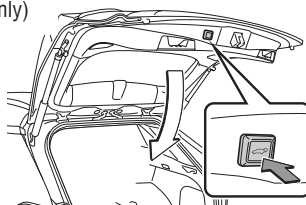
Open: Press and hold  
Close: Press and hold again

#### Power Liftgate (back door)

(open only)



(close only)

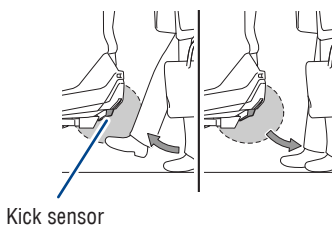
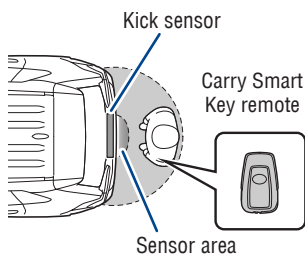


#### HEIGHT ADJUSTABLE FUNCTION

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. Press the same button to close the liftgate. When you open the liftgate next time, it will open to the maximum height.
3. To set the height using the Multi-Information Display (MID), press “◀ ▶” of the MID control switches and select “⚙” from “⚙” screen. Press “⏴ ⏵” 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)



Perform the entire kick operation  
within 1 second.

## HANDS-FREE FUNCTION (CONTINUED)

**To automatically open/close Power Liftgate:** Quickly kick your foot in and out underneath the lower center part of the rear bumper within 1 second to trigger the sensor. To operate, make sure that the touchless sensor operation is enabled, the vehicle is OFF and that you are carrying the remote.

Press “◀ ▶” of the MID control switches and select “ (PBD)” from the “Vehicle Settings” from the “” screen on the Multi-Information Display (MID) to access hands-free settings. And press “” to enter selection.

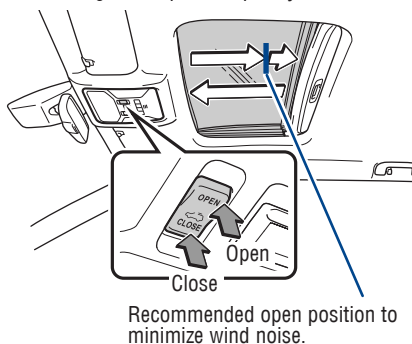
### NOTE:

- 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.

## Moonroof (if equipped)

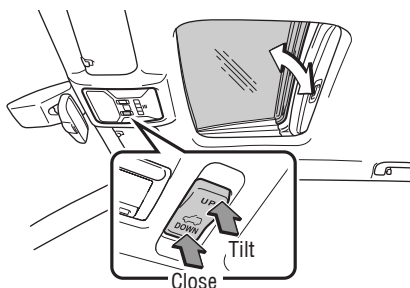
### SLIDING OPERATION

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



### TILTING OPERATION

Push once to open completely.



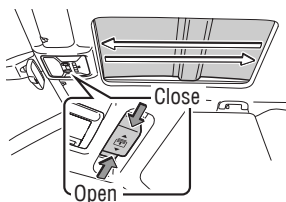
Lightly press either side of the moonroof switch while opening/tilting is in progress, the moonroof stops partway.

## FEATURES & OPERATIONS

### Panoramic moonroof (if equipped)

#### SLIDING OPERATION

##### Opening and closing the electronic sunshade

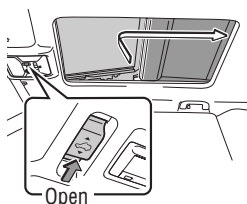


**Open** - Slide and hold the  switch backward. The electronic sunshade will open fully automatically.\*

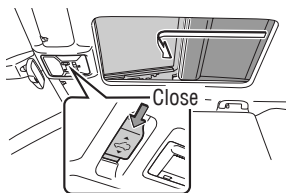
**Close** - Slide and hold the  switch forward. The electronic sunshade will close fully automatically.\*

\* 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.\*

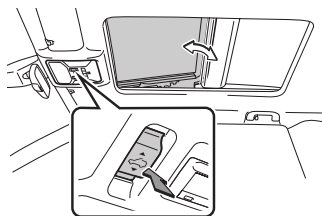


**Close** - Slide and hold the  switch forward. The panoramic moonroof will fully close automatically.

\* 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.

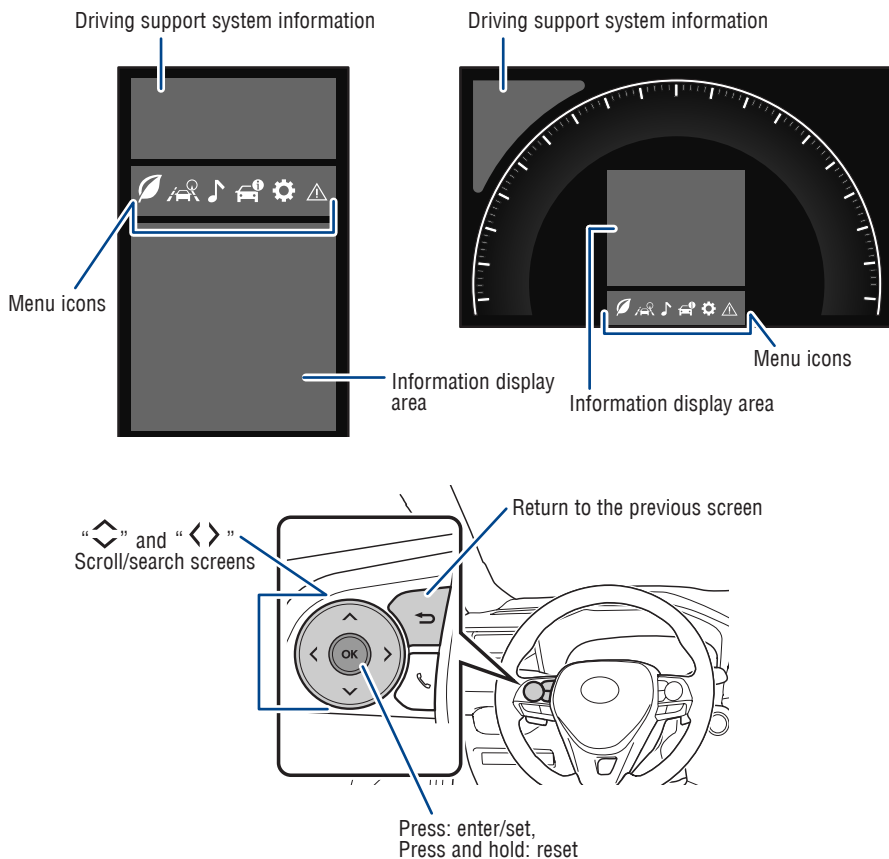
**Tilt-down** - Press and hold the center of the  switch to tilt down. The panoramic moonroof can be tilted down only when it is in the tilt-up position.

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

# Multi-Information Display (MID)

VEHICLES EQUIPPED 4.2-in DISPLAY

VEHICLES EQUIPPED 7-in DISPLAY



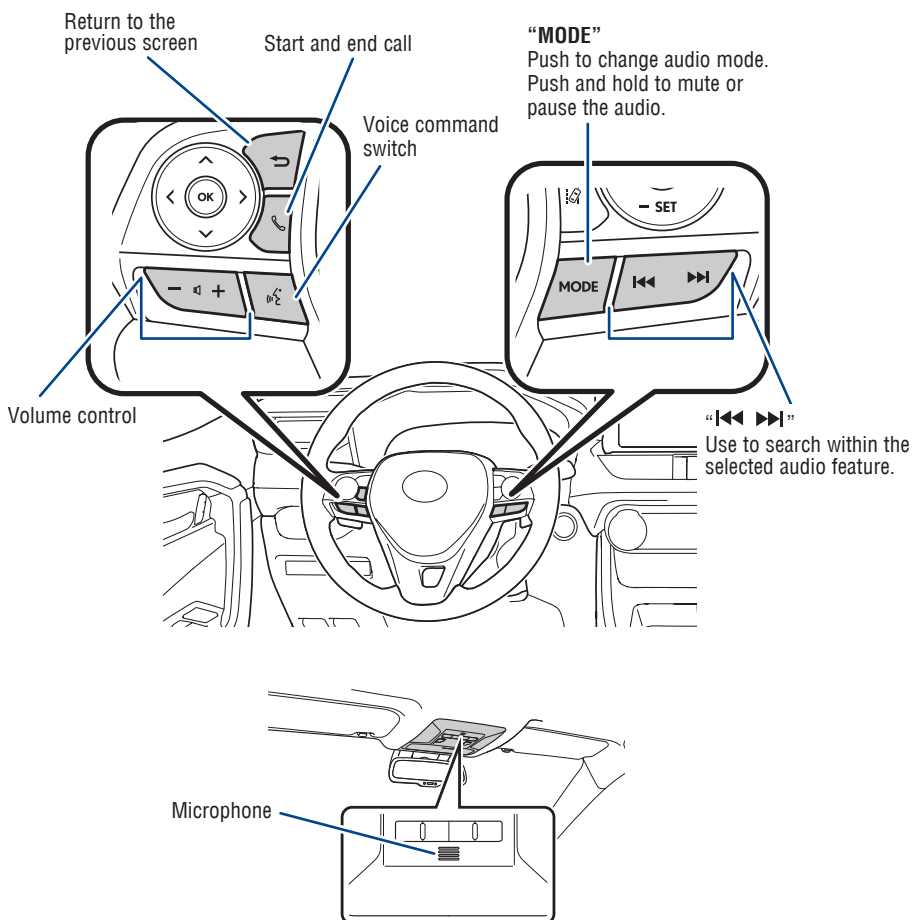
Press MID control switches to change and select information in the following:

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

Refer to the Owner's Manual for more information.

## 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.

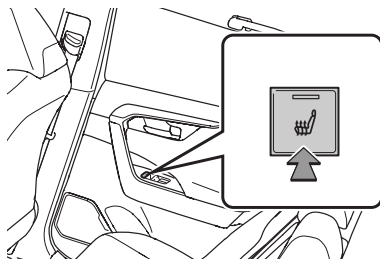
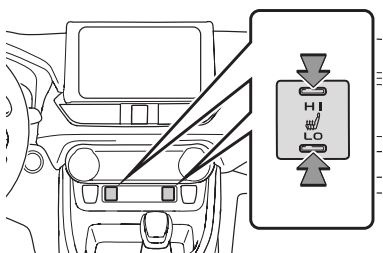
**NOTE:** Always use safe driving practices and follow all traffic rules.

## Heated/ventilated seats (if equipped)

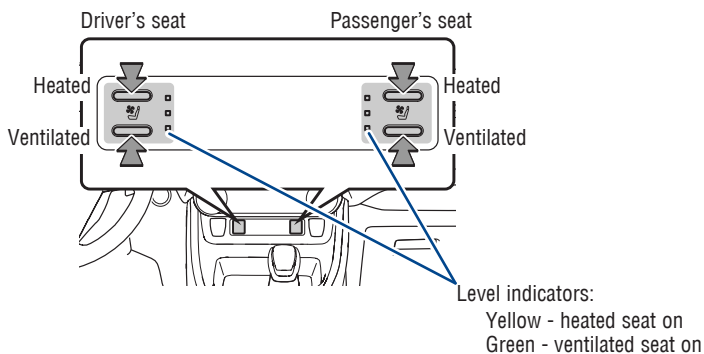
### HEATED SEAT OPERATION (IF EQUIPPED)

Front

Rear



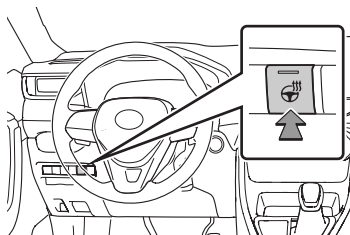
### HEATED/VENTILATED SEAT OPERATIONS (IF EQUIPPED)



The vehicle must be on for use.

Refer to the Owner's Manual for more details.

## Heated steering wheel (if equipped)



The vehicle must be on for use.

# FEATURES & OPERATIONS

## Air conditioning/heating (RAV4)

### AUTOMATIC AIR CONDITIONING (IF EQUIPPED)

#### Automatic climate control ON -

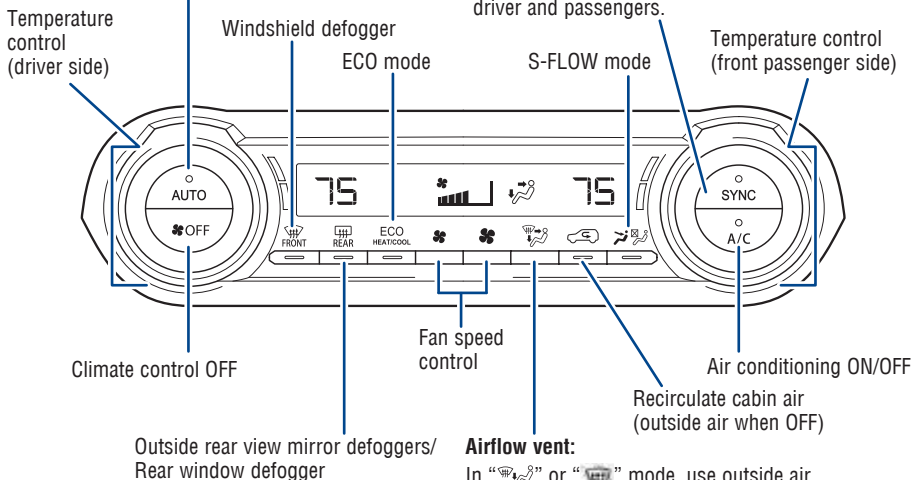
Adjusting the temperature setting will cause the airflow vents, air intake and fan to adjust automatically to the set temperature.

#### "SYNC" button -

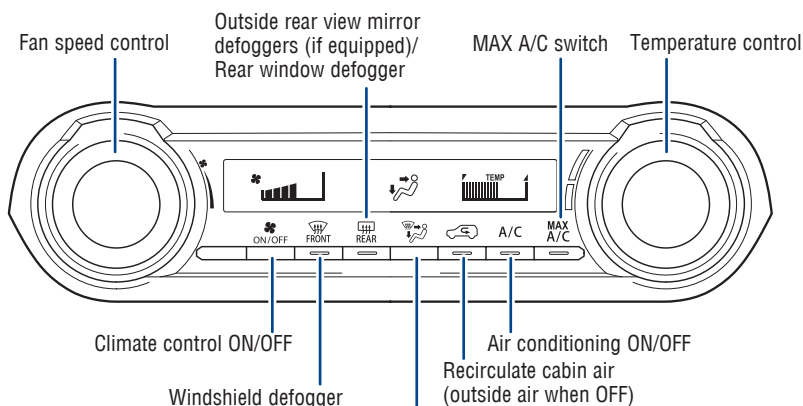
**Indicator ON:** Synchronized

temperature settings for driver and passengers.

**Indicator OFF:** Separate temperature settings for driver and passengers.



### MANUAL AIR CONDITIONING (IF EQUIPPED)



Refer to the Owner's Manual for more information.

## OVERVIEW

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

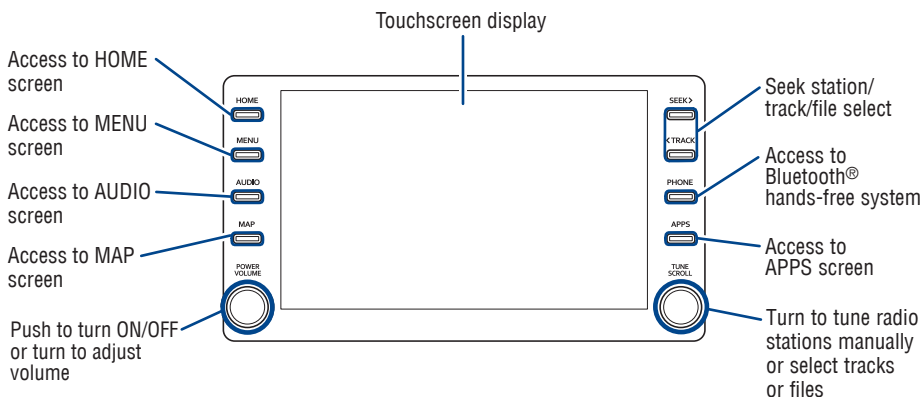
**Indicator ON:** Synchronized temperature settings for driver and passengers.  
**Indicator OFF:** Separate temperature settings for driver and passengers.



**TOYOTA SAFETY SENSE**

## FEATURES & OPERATIONS

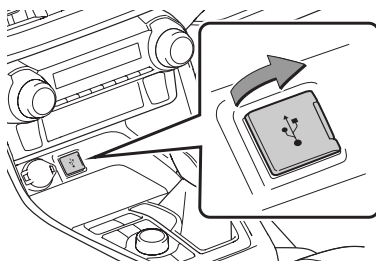
### Audio



Refer to the *Owner's Manual*, *Navigation and Multimedia System Owner's Manual* or visit [www.toyota.com/audio-multimedia](http://www.toyota.com/audio-multimedia) for additional resources.

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

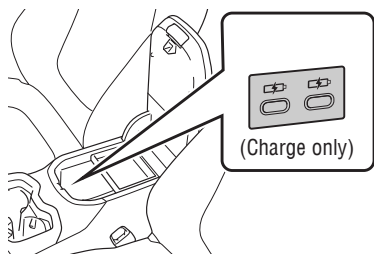
### USB media port



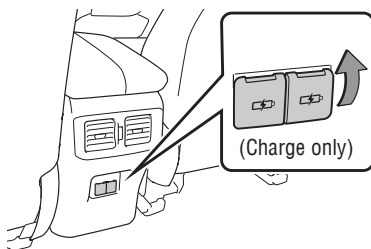
Connecting a compatible device and cable into the USB media port will support charging and music playback through the audio multimedia system.

## USB Type-C charge ports (if equipped)

### Console box

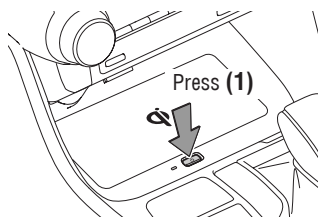
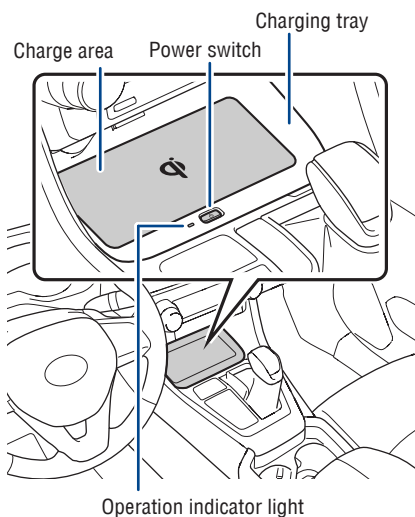


### Rear (if equipped)

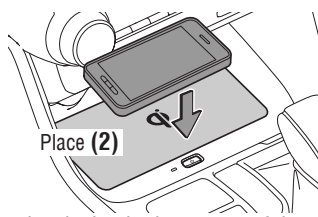


The vehicle must be in the “ACC” or “ON” position (without Smart Key) / “ACCESSORY” or “IGNITION ON” mode (with Smart Key) for use.

## Qi Wireless charger (if equipped)



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



Place the device in the center of the charging area. If the charging coil is not in the center of the device, place the device so that its charging coil is centered in the charging area.

A mobile device can be charged wirelessly on the tray. **(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.

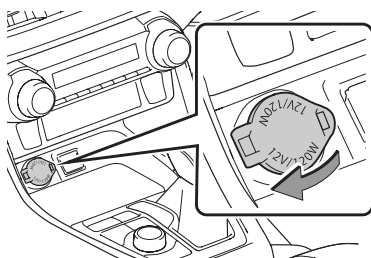
The vehicle must be in the “ACC” or “ON” position (without Smart Key) / “ACCESSORY” or “IGNITION ON” mode (with Smart Key) for use.

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

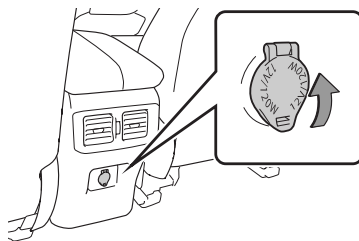
## FEATURES & OPERATIONS

### **Power outlets-12V DC**

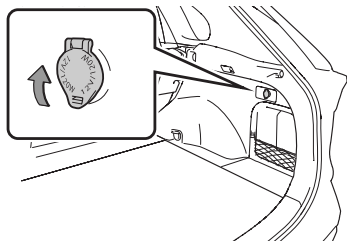
Front



Rear (if equipped)



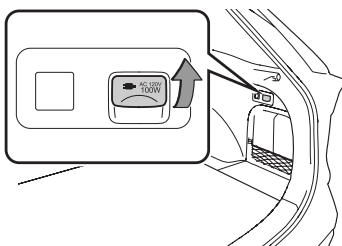
Luggage compartment (if equipped)



The vehicle must be in the “ACC” or “ON” position (without Smart Key) / “ACCESSORY” or “IGNITION ON” mode (with Smart Key) for use.

### **Power outlets-120V AC (if equipped) (RAV4 only\*)**

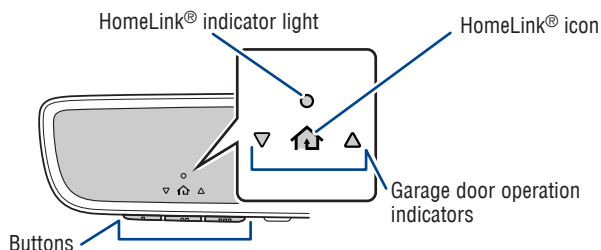
\* Not applicable to RAV4 Hybrid.



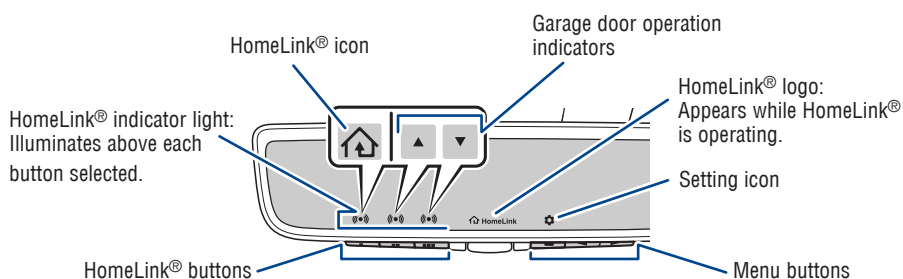
The vehicle must be on for use.

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

### VEHICLES WITH AUTO ANTI-GLARE INSIDE REAR VIEW MIRROR



### VEHICLES WITH DIGITAL REARVIEW MIRROR



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 [www.homelink.com/toyota](http://www.homelink.com/toyota).

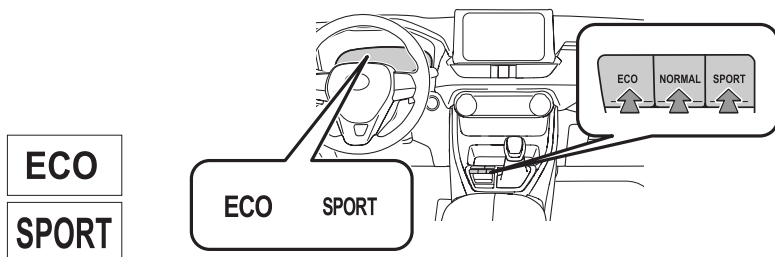


\* HomeLink® is a registered trademark of Gentex Corporation.

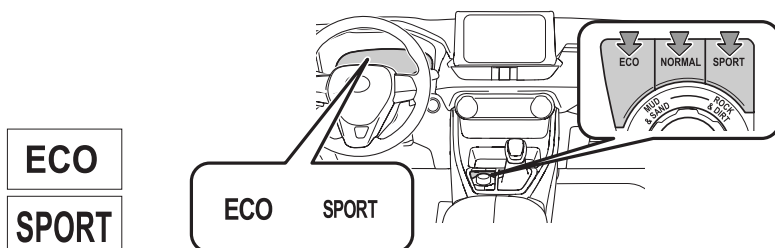
## FEATURES & OPERATIONS

### Driving mode select switch

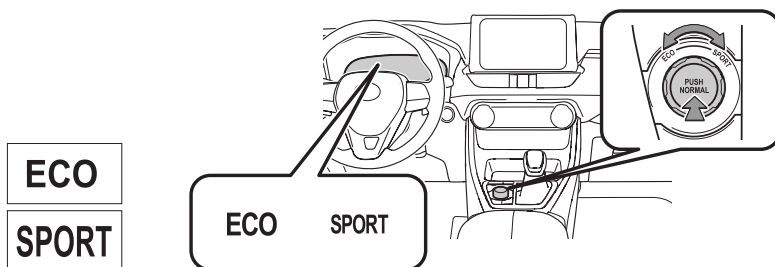
RAV4 - FF VEHICLES/DYNAMIC TORQUE CONTROL AWD VEHICLES



RAV4 - DYNAMIC TORQUE VECTORING AWD VEHICLES



RAV4 HYBRID



#### Normal mode

Use for normal driving.

#### ECO drive mode

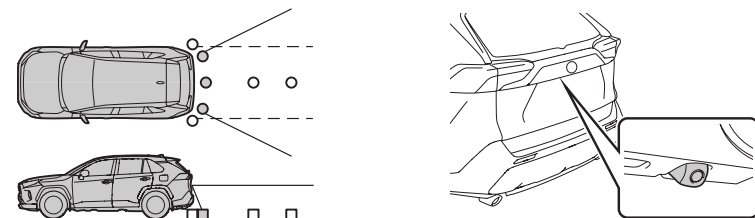
Use Eco drive mode to help achieve low fuel consumption during trips that involve frequent accelerating.

#### SPORT mode

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

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

## Rear view monitor system

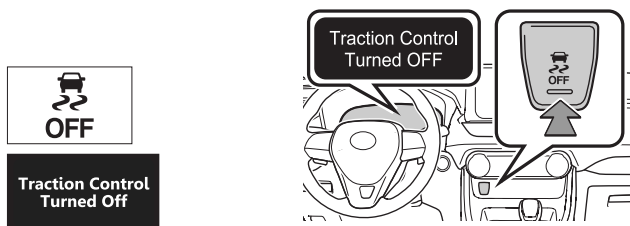


The rear view monitor system displays an image of the view from the bumper of the rear area of the vehicle. The camera for the rear view monitor system is located above the license plate.

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 Owner's Manual for limitations and more details on this system.*

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



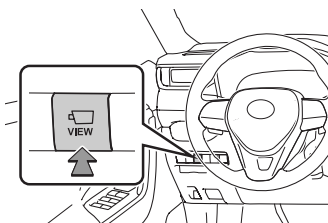
The VSC OFF switch can be used to help free a stuck vehicle in surroundings like mud, dirt or snow. While the vehicle is stopped, press the switch to disable the TRAC system.

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.*

## FEATURES & OPERATIONS

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



#### **Moving view**

Body color setting switch

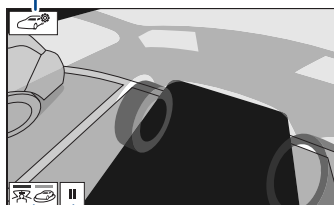


Rotation pause switch

Display mode change switch

#### **See-through view**

Body color setting switch



Rotation pause switch

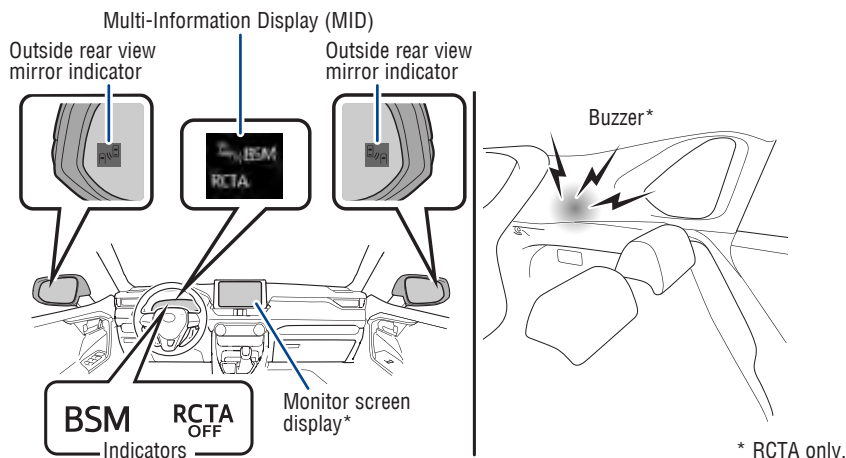
Display mode change switch

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 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.

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

## 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 changing 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 RAV4'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 RAV4 is detected, the outside rear view mirror indicators will flash. Also, the RCTA icon for the detected side will be displayed on the monitor screen display, and the RCTA buzzer will sound.

### SYSTEM ON/OFF

- (1) Press “◀ ▶” switches and select “⚙️” from the Multi-Information Display (MID).
- (2) Press “⏮ ⏭” switches and select “🚗 BSM” or “🚗 RCTA” then press “OK” to turn BSM/RCTA on or off.

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

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

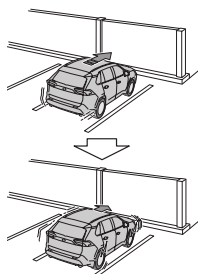
## FEATURES & OPERATIONS

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

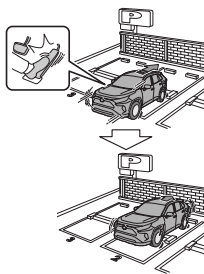
Front and Rear Parking Assist with Automated Braking consists of the following functions that operate when driving at a low speed or backing up, such as when parking. When the system determines that the possibility of a collision with a detected object is high, a warning operates to urge the driver to 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.

#### EXAMPLES OF FUNCTION OPERATION

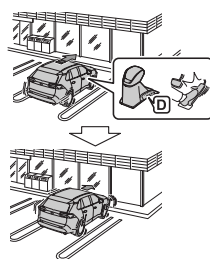
##### For static objects



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 being selected.

##### For rear-crossing vehicles



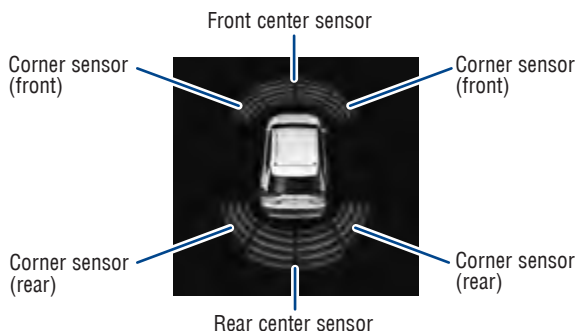
When reversing, a vehicle is approaching and the brake pedal is not depressed, or is depressed late.

#### SYSTEM ON/OFF

- (1) Press “◀ ▶” switches and select “⚙” from the Multi-Information Display (MID).
- (2) Press “✔ ▲” switches and select “☁ ⚡ PKSB” and then press “OK” to turn the system on or off.

Refer to 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)



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 “P” and then press “OK” to turn the system on or off.

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

## Downhill assist control system (if equipped) (RAV4 only\*)

\* Not applicable to RAV4 Hybrid.



With the downhill assist control system, the vehicle is able to descend a steep hill, maintaining a constant low speed of about 15 mph (25 km/h) without brake pedal operation.

Press the “DAC” switch to activate the system. The downhill assist control system indicator will come on and the system will operate. The slip indicator light will flash when the system is in operation.

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

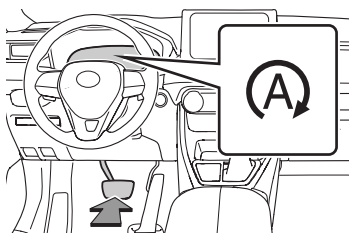
## FEATURES & OPERATIONS

### **Stop & Start Engine system (if equipped) (RAV4 only\*)**

\* Not applicable to RAV4 Hybrid.

Stop & Start system stops and starts the engine according to brake pedal or shift lever operation when the vehicle is stopped, such as at a stoplight, intersection, etc., in order to improve fuel economy and reduce noise pollution caused by the engine idling.

#### STOP & START SYSTEM OPERATION



#### **Stopping the engine**

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

When the engine stops, the Stop & Start indicator will illuminate.

#### **Restarting the engine**

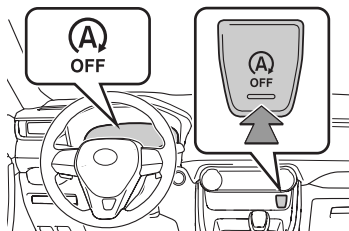
Release the brake pedal. The engine will start automatically.

When the engine starts, the Stop & Start indicator will turn off.

#### DISABLING THE STOP & START SYSTEM

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

The Stop & Start cancel indicator will illuminate. Pressing the switch again will enable the Stop & Start system and the Stop & Start cancel indicator will turn off.



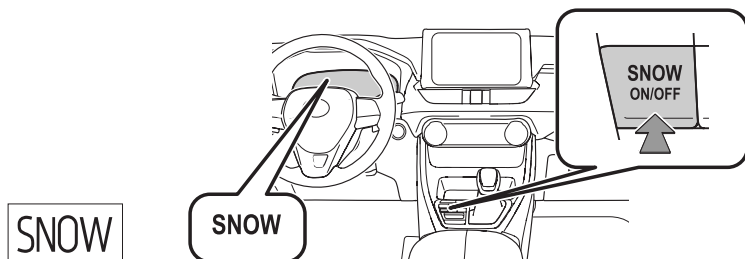
*Refer to the Owner's Manual for limitations and more details on this system.*

## Snow mode switch -AWD vehicles- (if equipped) (RAV4 only\*)

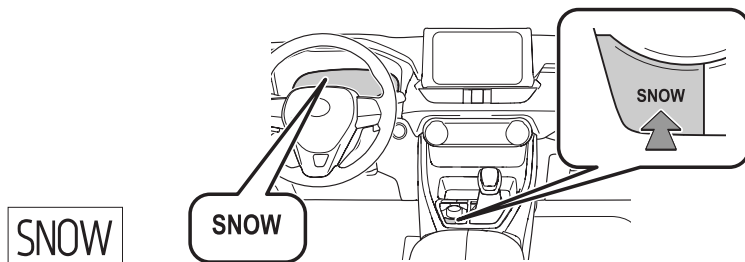
\* Not applicable to RAV4 Hybrid.

Snow mode can be selected to suit the conditions when driving on slippery road surfaces, such as on snow.

### DYNAMIC TORQUE CONTROL AWD VEHICLES



### DYNAMIC TORQUE VECTORING AWD VEHICLES



Snow mode is automatically canceled when the vehicle is turned off or Mud & Sand or Rock & Dirt mode is selected for Multi-terrain Select.

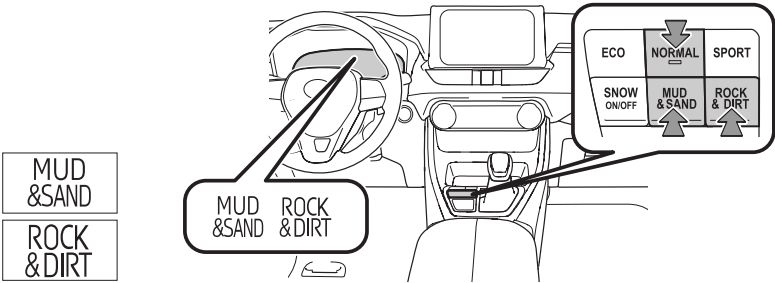
*Refer to the Owner's Manual for limitations and more details on this system.*

# FEATURES & OPERATIONS

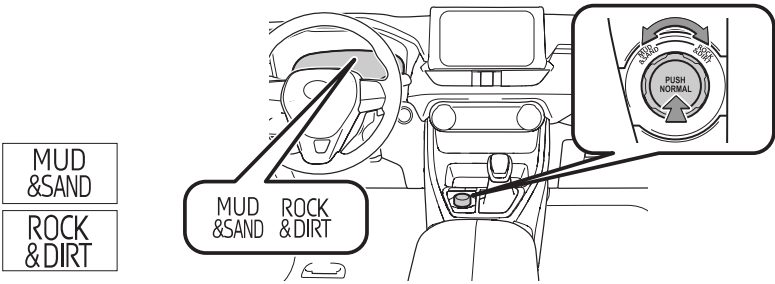
## Multi-terrain Select -AWD vehicles- (RAV4 only\*)

\* Not applicable to RAV4 Hybrid.

### DYNAMIC TORQUE CONTROL AWD VEHICLES



### DYNAMIC TORQUE VECTORING AWD VEHICLES



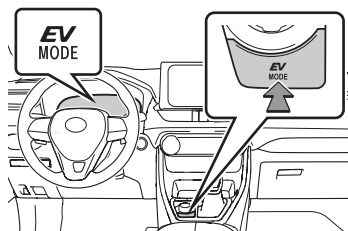
Multi-terrain Select is a system that helps drivability in off-road situations. When driving over muddy, sandy or rough road surfaces, the system selects a suitable driving mode to switch AWD, brake and drive force control to perform control suitable for the road condition.

**MUD & SAND** - Muddy roads, sandy roads, rough road 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.*

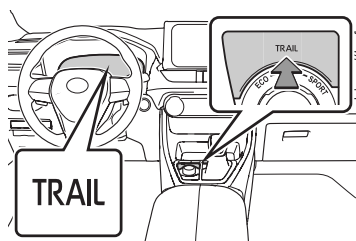
## EV drive mode (RAV4 Hybrid only)



Use EV drive mode when driving short distances to reduce noise early in the morning and late at night in residential areas or to cut emissions when parking in a small garage or indoor car park.

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

## Trail mode (RAV4 Hybrid only)



Use trail mode to support integrated control for the AWD, brake and drive force control systems to assist the drive power on bumpy roads, etc.

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

## Quick overview-Toyota Safety Sense™ 2.0

Toyota Safety Sense™ 2.0 (TSS 2.0) 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 2.0 is designed to help support the driver's awareness, decision making and vehicle operation contributing to a safe driving experience.

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

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. Also, while the dynamic radar cruise control with full-speed range is operating, this system will operate the steering wheel to help maintain the vehicle's lane position.

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



### **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 taillights of preceding vehicles and switch between high beams and low beams as appropriate.

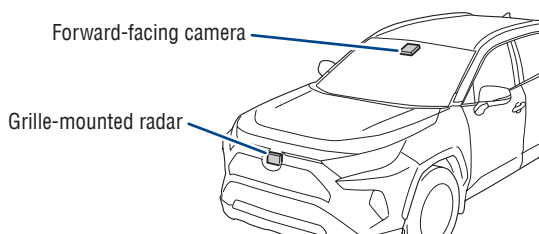


### **Road Sign Assist (RSA)**

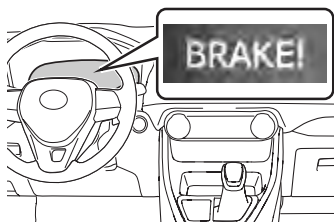
RSA is designed to recognize specific road signs using the forward-facing camera to provide information to the driver via the display.

## Sensors

TSS 2.0 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 [www.toyota.com/safety-sense](http://www.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

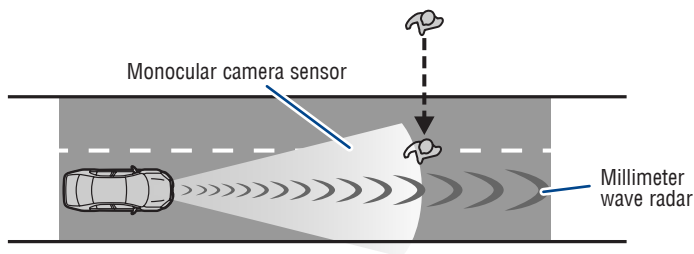
If the driver notices the hazard and brakes, the system may provide additional braking force using Brake Assist. This system may prime the brakes and may apply greater braking force in relation to how strongly the brake pedal is depressed.

### 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.

## PCS PEDESTRIAN DETECTION

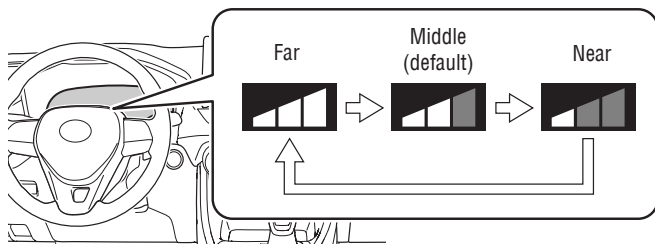
Under certain conditions, the PCS included with the TSS 2.0 package may also help to detect a pedestrian or bicyclist in front of your vehicle using the forward-facing camera and the front grille-mounted radar. The forward-facing camera of PCS detects a potential pedestrian or bicyclist based on size, 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.*

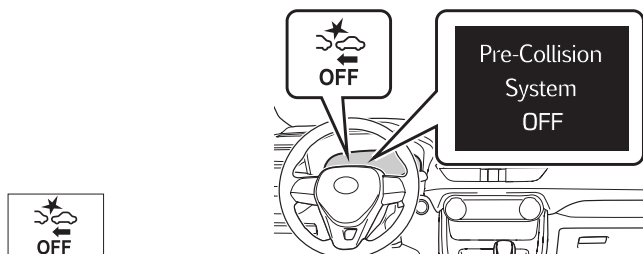
## CHANGING PRE-COLLISION ALERT TIMING



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

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

## DISABLING PRE-COLLISION SYSTEM (PCS)

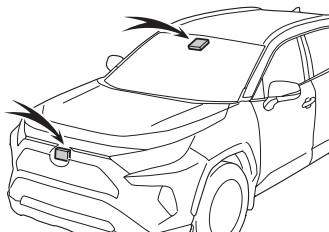


- (1) Press “◀ ▶” switches and select “⚙️” from the Multi-Information Display (MID).
- (2) Press “⏴ ⏵” switches and select “🚗 PCS” and then press “OK” to turn PCS on or off.

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

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

## Lane Tracing Assist (LTA) System

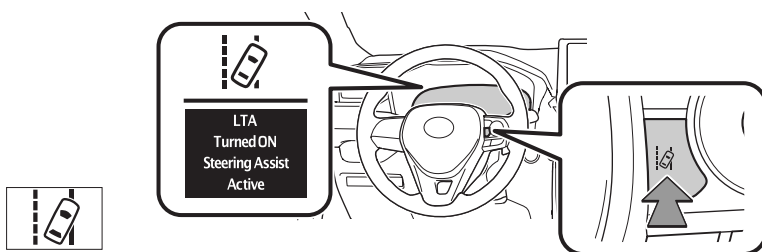


While driving on a road with clear white (yellow) lane lines, the LTA system warns the driver if the vehicle may deviate from the current lane or course, and also can slightly operate the steering wheel to help avoid deviation from the lane or course. Also, while the dynamic radar cruise control with full-speed range is operating, this system will operate the steering wheel to help maintain the vehicle's lane position. The LTA system recognizes white (yellow) lane lines or a course using the front camera. Additionally, it detects preceding vehicles using the front camera and radar.

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 the LTA system operation, settings adjustments, limitations, and precautions before attempting to use it.*

### TURNING THE LTA SYSTEM ON/OFF



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

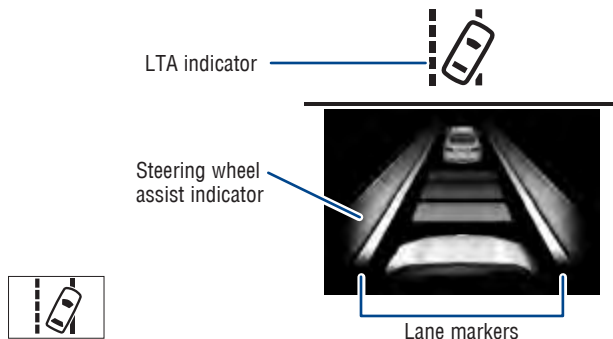
**Note:** Operation of the LTA system and setting adjustments continues in the same condition regardless of ignition cycle until changed by the driver or the system is reset.

## 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 [www.toyota.com/safety-sense](http://www.toyota.com/safety-sense) for more information.

### Lane departure alert function display



The LTA indicator is illuminated when lane departure alert is active. The LTA indicator and lane markers flash orange when operating.



(1)



(2)

The lane departure alert function  is displayed when the Multi-Information Display (MID) is switched to the driving assist system information display.

- (1) The system displays solid white lines on the Lane Departure Alert indicator when visible lane markings or the road are detected. A lane marker 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 markings 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.

## DISABLING STEERING ASSIST

- (1) Press “◀ ▶” switches and select “⚙️” from the Multi-Information Display (MID).
- (2) Press “⏴ ⏵” switches and select “🛣️ LTA” and then press and hold “OK.” The setting screen is displayed.
- (3) Press “⏴ ⏵” switches and select “Steering Assist” and then press “OK” to change the desired setting.
- (4) Press “⏴” to go back to the menu.

## ADJUSTING 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 “◀ ▶” switches and select “⚙️” from the Multi-Information Display (MID).
- (2) Press “⏴ ⏵” switches and select “🛣️ LTA” and then press and hold “OK.” The setting screen is displayed.
- (3) Press “⏴ ⏵” switches and select “Sensitivity” and then press “OK” to change 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.

Sway warning is a function of the LTA system 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 SWAY WARNING ALERT

- (1) Press “ ” switches and select “” from the Multi-Information Display (MID).
- (2) Press “ ” switches and select “ LTA” and then press and hold “.
- (3) Press “ ” switches and select “Sway Warning” and then press “.
- (4) Press “” to go back to the menu.

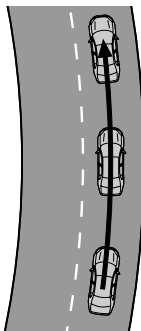
## ADJUSTING SWAY ALERT SENSITIVITY

- (1) Press “ ” switches and select “” from the Multi-Information Display (MID).
- (2) Press “ ” switches and select “ LTA” and then press and hold “.
- (3) Press “ ” switches and select “Sway Sensitivity” and then press “.
- (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 the LTA system operation, settings adjustments, limitations, and precautions before attempting to use it.*

## LANE CENTERING



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 help keep the vehicle in its current lane.

When Full-Speed Range Dynamic Radar Cruise Control (DRCC) is not operating, the lane centering function does not operate.

## DISABLING LANE CENTERING FUNCTION

- (1) Press “ ” switches and select “” from the Multi-Information Display (MID).
- (2) Press “ ” switches and select “ LTA” and then press and hold “.” The setting screen is displayed.
- (3) Press “ ” switches and select “Lane Center” and then press “” to change 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.**

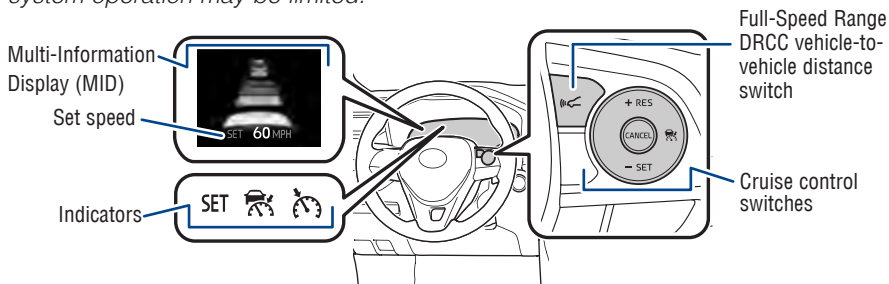
*Refer to the Toyota Owner's Manual for additional information on the LTA system operation, settings adjustments, limitations, and precautions before attempting to use it.*

# Full-Speed Range Dynamic Radar Cruise Control (DRCC)

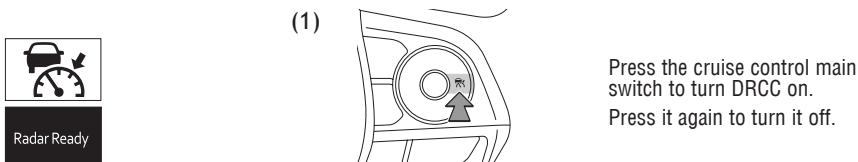
Intended for highway use, Full-Speed Range Dynamic Radar Cruise Control (DRCC) lets you drive at a preset speed. The system is designed to function between 0-110 mph\* and uses vehicle-to-vehicle distance control, helping maintain a preset distance from the vehicle ahead of you.\*

\* See [www.toyota.com/safety-sense](http://www.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.

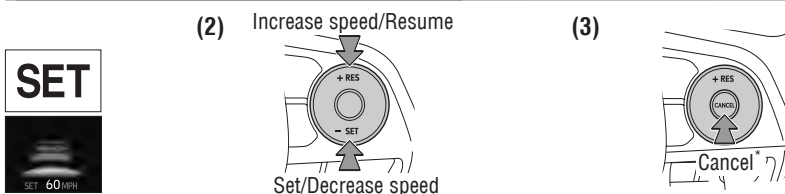


## TURNING SYSTEM ON/OFF



Refer to page 55 for switching to Constant Speed (Cruise) Control Mode.

## ADJUSTING SET SPEED

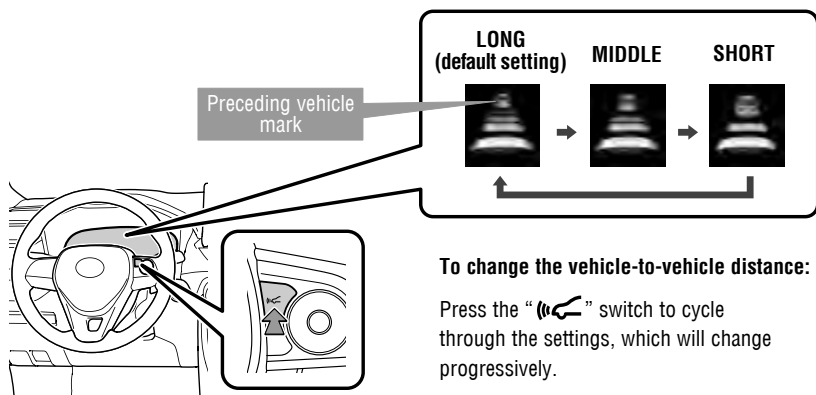


Vehicle will cruise at a set speed, decelerate to maintain a selected distance from a slower vehicle traveling in front and accelerate back up to the selected speed if the vehicle in front changes lanes or speeds up.

- (1) Press " " 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". Press 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) Press "Cancel" to cancel the speed control.

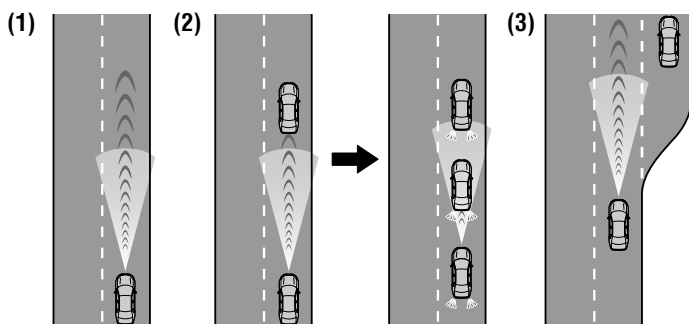
\* The speed control may also be canceled by depressing the brake pedal.

## ADJUSTING DISTANCE



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 the vehicle speed.

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



**(1) Constant speed cruising when there are no vehicles ahead**

The vehicle travels at the speed set by the driver. The desired vehicle-to-vehicle distance can also be set by operating the vehicle-to-vehicle distance control switch.

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

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

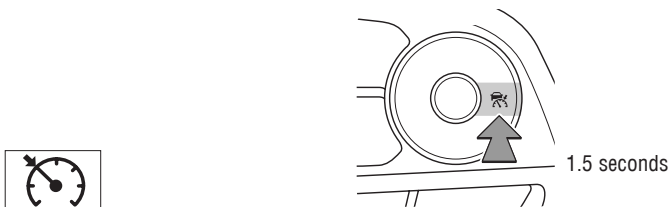
## ADJUSTING DISTANCE (CONTINUED)

### (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.

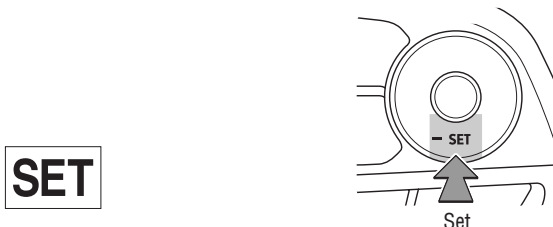
## SWITCHING TO CONSTANT SPEED (CRUISE) CONTROL MODE



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

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

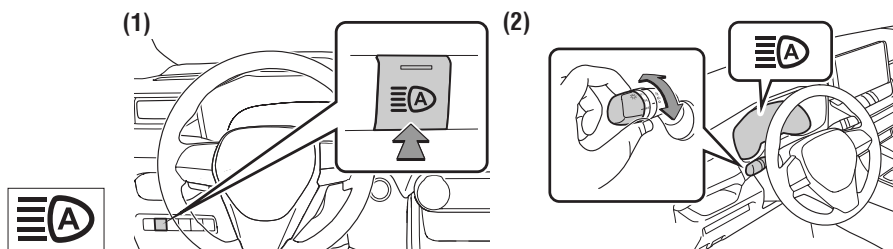
## SETTING CONSTANT SPEED (CRUISE) CONTROL



To adjust speed or cancel, see steps (2) and (3) of ADJUSTING SET SPEED on page 53.

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 [www.toyota.com/safety-sense](http://www.toyota.com/safety-sense) for more information.

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

### ACTIVATING THE AHB SYSTEM

- (1) Press the “” switch.
- (2) Turn the headlight switch to the “AUTO” or “” position.

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

**Note: Push the lever away from you to manually turn on high beams. 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, pull the lever to its original position or press the “” switch.

### CONDITIONS WHERE AHB WILL TURN ON/OFF AUTOMATICALLY

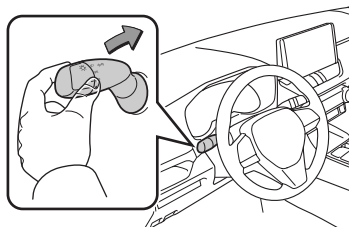
When all of the following conditions are met, the high beams will be automatically turned on (after approximately 1 second):

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

## TEMPORARILY SWITCHING TO THE LOW BEAMS



Pull the lever toward you and then return it to its original position to switch to the low beams temporarily.

The high beams are on while the lever is pulled toward you, however, after the lever is returned to its original position, the low beams remain on for a certain amount of time. Afterwards, the Automatic High Beams will be activated again.

**NOTE: It is recommended to switch to the low beams when the high beams may cause problems or distress to other drivers or pedestrians nearby.**

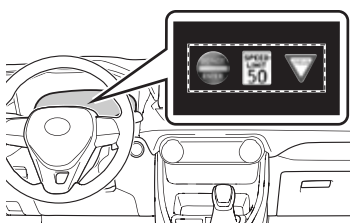
## Road Sign Assist (RSA)

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).\*

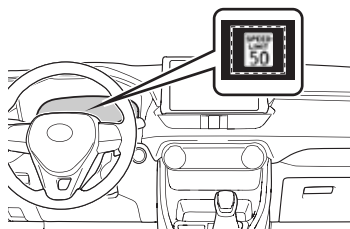
\* All vehicle actions must be driver-initiated and are not automated.

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

### RSA DISPLAY



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



When a tab other than the driving support system information display 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

### SYSTEM ON/OFF

- (1) Press “◀ ▶” switches and select “⚙️” from the Multi-Information Display (MID).
- (2) Press “✔️ ⬆️” switches and select “🚦 RSA” and then press “OK” to turn RSA on or off.

**Note: If the vehicle was last turned off while a speed limit sign was displayed on the Multi-Information Display (MID), 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.

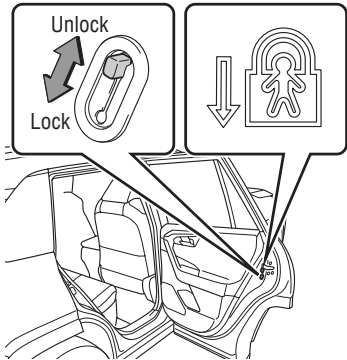
Seat belts



**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.

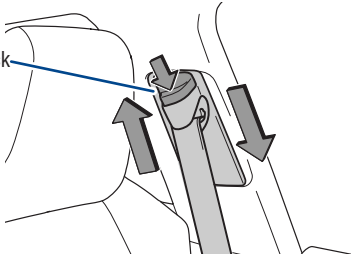
Rear door child safety locks



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

Seat belts-Shoulder belt anchor

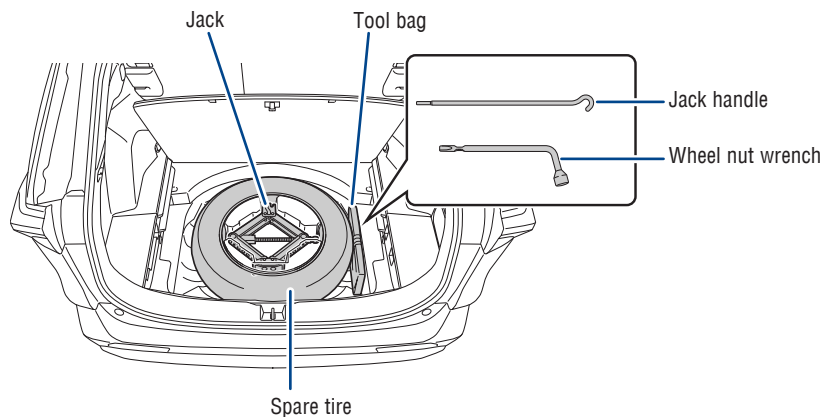
Push up, or squeeze lock release to lower



# SAFETY & EMERGENCY FEATURES

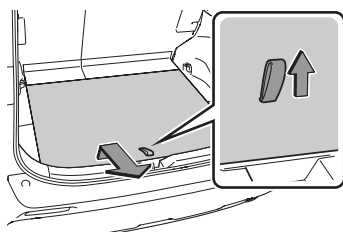
## Spare tire & tools

### TOOL LOCATION

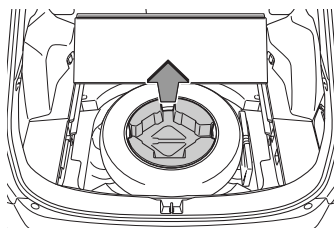


### REMOVING THE SPARE TIRE

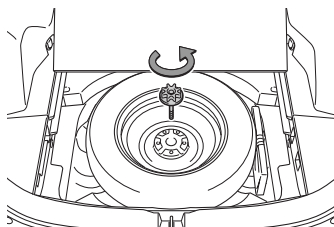
(1) Pull the tab and open the deck board.



(2) Take out the jack holder.

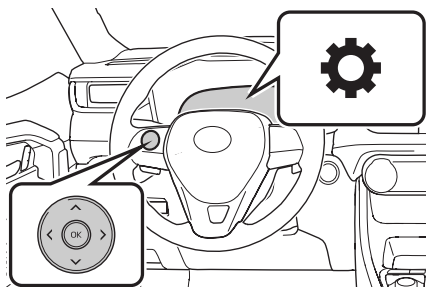


(3) Loosen the center fastener that secures the spare tire.



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

# Tire Pressure Monitoring (warning) System (TPMS)



The tire pressure warning system can be selected on “” of the Multi-Information Display (MID).

## System reset initialization

- (1) Press “ ” switches and select “” from the Multi-Information Display (MID).
- (2) Press “ ” switches and select “ (Vehicle Settings),” then press and hold “.”
- (3) Press “ ” switches and select “TPWS” and then press “.”
- (4) Press “ ” switches and select “Set Pressure” then press and hold “.”

Message will be displayed on the MID and the warning light will blink 3 times.

The tire pressure detected by the tire pressure warning system can be displayed on the Multi-Information Display (MID).

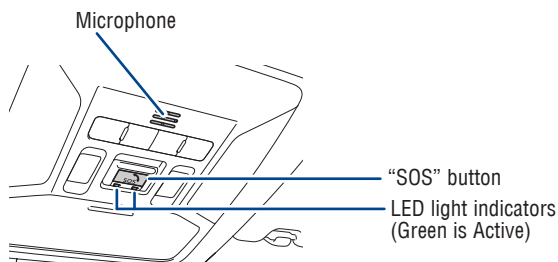
If the tire pressure indicator flashes for 1 minute and then remains on, take the vehicle to your local Toyota dealer.

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

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

## SAFETY & 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 limitations and additional information, refer to the "Owner's Manual" or visit [www.toyota.com/connected-services](http://www.toyota.com/connected-services).*

## Star Safety System™

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

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

### ANTI-LOCK BRAKE SYSTEM (ABS)

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

### BRAKE ASSIST (BA)

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

### ELECTRONIC BRAKE FORCE DISTRIBUTION (EBD)

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

### SMART STOP TECHNOLOGY (SST)

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

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

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

### 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 & 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).

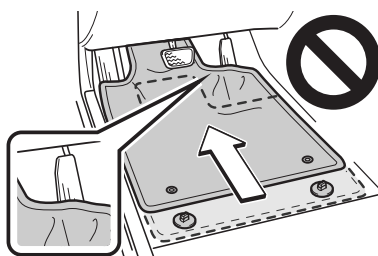
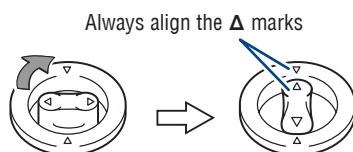
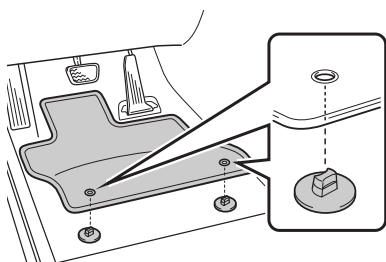
Toyota's TRAC sensors are activated when one of the drive wheels starts to slip. TRAC limits engine output and applies the brakes to the spinning wheel. This transfers power to the wheels that still have traction to help keep you on track.

## 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.
- Only use one floor mat at a time, using the retaining hooks to keep the mat in place.
- Install floor mats right side up.





# **BLUETOOTH® DEVICE PAIRING SECTION**

Do not attempt the Bluetooth® Pairing process while driving.

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

## Bluetooth® Pairing for your phone

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

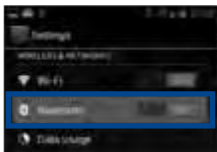


Audio / Audio Plus / Premium Audio

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



iPhone bluetooth Menu



Android bluetooth Menu<sup>1</sup>



**STEP 2** Ensure Bluetooth is turned on for your phone.

**STEP 3** Select “Bluetooth,” then select “Add New Device” on display screen.



**STEP 4** Select “Phone Name.”



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

<sup>1</sup> Some Android devices may have slightly different SETTINGS screen layout depending on manufacturer of device and Android OS version.

**Bluetooth® Pairing for your phone (cont.)**

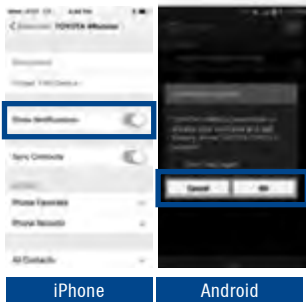


**STEP 6** "Connecting" displays while phone is forming the connection to the multimedia system.



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

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



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



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





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**Quick Reference Guide 2022**



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