

RAV4
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QUICK REFERENCE GUIDE

2016 RAV4

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 the 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 the vehicle's capabilities and limitations.

Your dealership and the entire staff of Toyota Motor Sales, U.S.A., 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 safe operating instructions to help you avoid injury or equipment malfunction.

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

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TOYOTA SAFETY SENSE

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SAFETY AND EMERGENCY FEATURES

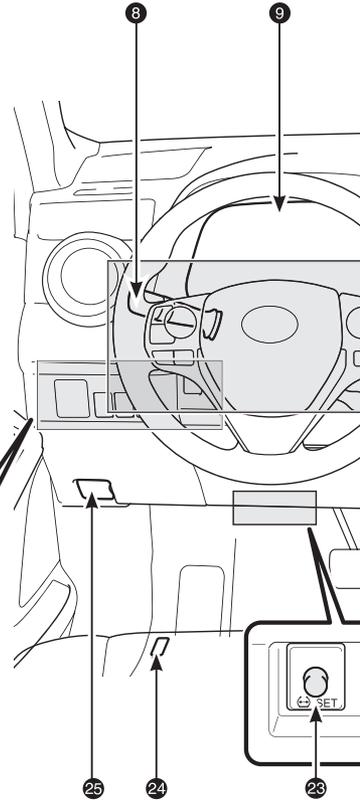
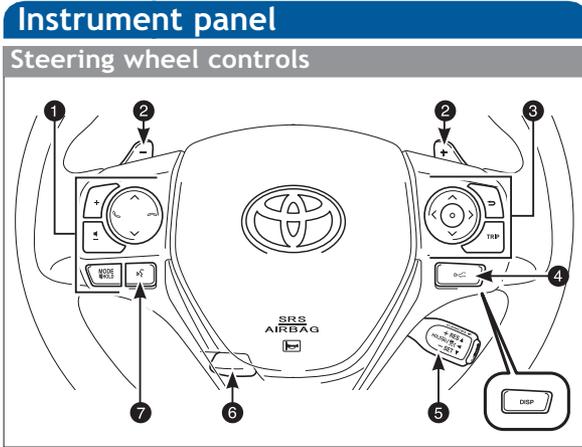
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¹ Visit your Toyota dealer for information on customizing this feature.

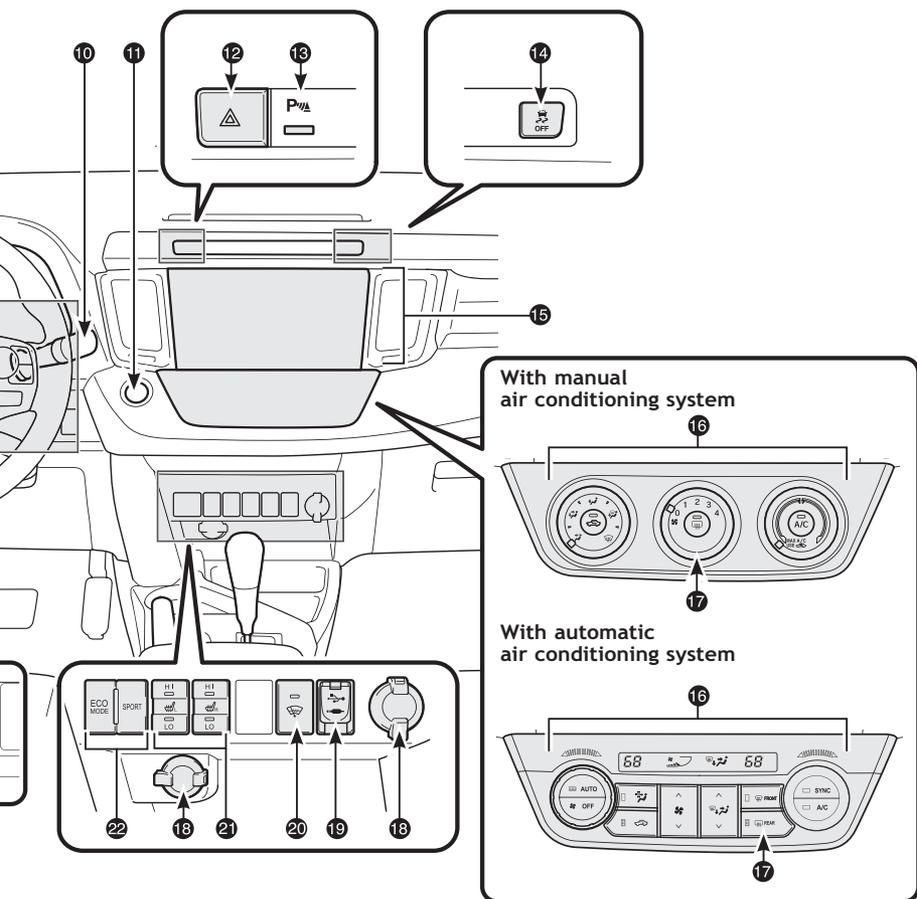
² Programmable by customer. Refer to the Owner's Manual for instructions and more information.

³ HomeLink® is a registered trademark of Gentex Corporation.

OVERVIEW



- 1 Steering wheel audio controls²
- 2 Paddle shift switches¹
- 3 Meter control switches¹
- 4 Dynamic Radar Cruise Control vehicle-to-vehicle distance¹ or "DISP" button¹
- 5 Dynamic Radar Cruise Control (DRCC) or Cruise control¹ switches
- 6 Tilt and telescopic steering lock release
- 7 Voice command button²
- 8 Headlight, turn signal, fog light and Auto High Beam (AHB) controls
- 9 Instrument cluster
- 10 Wiper and washer controls
- 11 "ENGINE START STOP" button (Smart Key)¹
- 12 Emergency flasher switch
- 13 Intuitive parking assist¹ or Bird's Eye View Camera¹ ON/OFF switch
- 14 Vehicle Stability Control (VSC) OFF switch
- 15 Audio²/Navigation^{1,2} system
- 16 Air conditioning controls
- 17 Outside mirror¹/Rear window defogger switch
- 18 12V DC power outlet



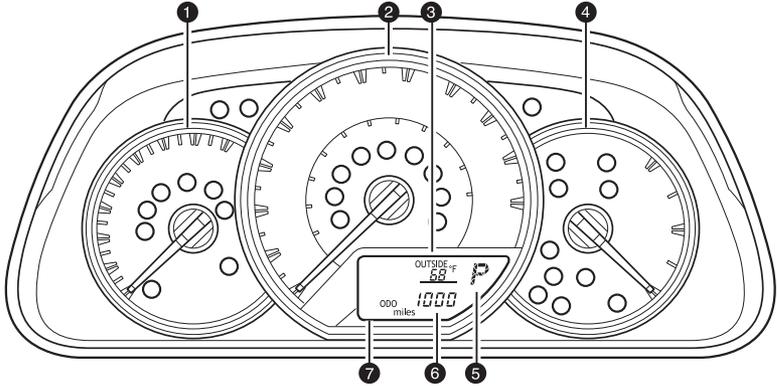
- 19 USB/AUX port²
- 20 Windshield wiper de-icer switch¹
- 21 Seat heater switches¹
- 22 Driving mode select switches
- 23 Tire Pressure Monitoring (warning) System reset switch¹
- 24 Fuel tank door release lever
- 25 Hood lock release lever
- 26 Power Liftgate main switch¹
- 27 All-Wheel Drive lock switch (AWD models)¹
- 28 Heated steering wheel switch¹
- 29 Lane Departure Alert (LDA) switch
- 30 Instrument panel light control dial
- 31 Outside mirror controls

¹ If equipped

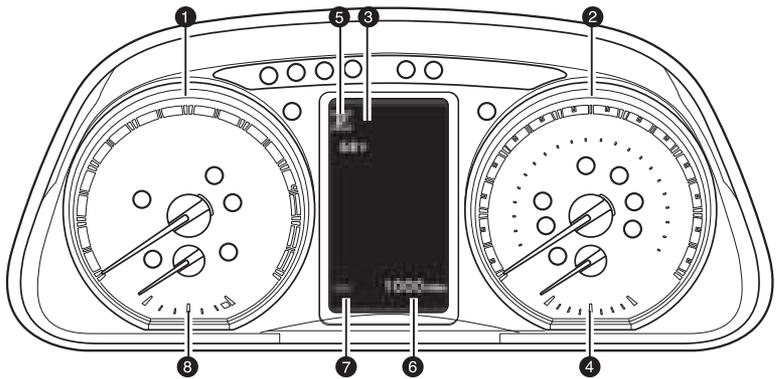
² For details, refer to the "Navigation System Owner's Manual" and "2016 Entune™ Audio Quick Reference Guide."

Instrument cluster

Monochrome display - 3.5" screen



Color Multi-Information Display - 4.2" screen



- ① Tachometer
- ② Speedometer
- ③ Outside temperature
- ④ Fuel gauge
- ⑤ Automatic transmission shift position/shift range indicator
- ⑥ Odometer/trip meter
- ⑦ Multi-Information Display (MID)
- ⑧ Engine coolant temperature gauge
- Service indicator and reminder

Indicator symbols

BRAKE Brake system warning⁴

 Driver/Front passenger seat belt reminder (alarm will sound if speed is over 12 mph)

 Charging system warning^{1,4}

¹ If equipped.

² The indicator flashes to indicate that the system is operating.

³ Light flashes to indicate a malfunction.

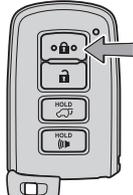
	Low engine oil pressure warning ^{1,4}		Dynamic Radar Cruise Control (DRCC) indicator
	Malfunction/Check Engine indicator ⁴		Lane Departure Alert (LDA) indicator
	Low fuel level warning		Pre-Collision System (PCS) warning ⁴
	Engine oil replacement reminder ^{1,4}		Intuitive parking assist indicator ¹
	Open door warning ¹		Ice warning ¹
	Airbag warning ⁴		Smart Key system indicator ¹
	Automatic Transmission fluid temperature warning ^{1,4}		Blind Spot Monitor (BSM) warning ¹
	Low Tire Pressure Warning ^{1,4}		Electric power steering system warning ⁴
	Dynamic Torque Control AWD system warning ^{1,4}		Low windshield washer fluid level warning ^{1,4}
	Front passenger occupant classification indicator ⁴		Blind Spot Monitor outside mirror indicators ^{1,4}
	Traction Control OFF indicator ¹		High coolant temperature warning ^{1,4}
	Headlight indicator		Lane Departure Alert (LDA) warning ¹
	Headlight high beam indicator		ECO mode indicator
	Automatic High Beam (AHB) indicator ⁴		SPORT mode indicator
	Turn signal indicator		Theft deterrent/Engine immobilizer system indicator
	Fog light indicator ¹		Eco Driving Indicator ⁴
	All-Wheel Drive lock indicator ¹		Arrow direction indicates fuel tank door position
	Vehicle Stability Control (VSC) OFF indicator ⁴		
	Slip indicator ^{4,3}		
	AUTO Limited Slip Differential indicator ¹		
	Anti-lock Brake System warning ⁴		
	Intuitive parking assist ^{3,1}		
	Master warning ^{1,4}		
	SET Cruise control indicator ¹ / Cruise control SET indicator		

⁴ If indicator does not turn off within a few seconds of starting engine, there may be a malfunction. Have vehicle inspected by your Toyota dealer.

Keyless entry

Beep sound can be switched ON or OFF. Refer to the *Owner's Manual* for more details.

Locking

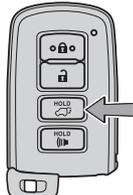
Without Smart Key system	With Smart Key system
	
	<p>Push  </p>

Unlocking

Without Smart Key system	With Smart Key system
	
	<p>Push ONCE: Driver door TWICE: All doors</p>  

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

Power back door (Liftgate) (if equipped)

Without Smart Key system	With Smart Key system
	
	<p>Push and hold  </p>

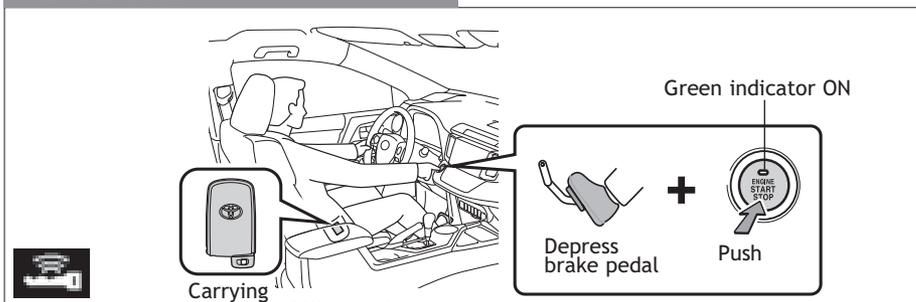
Panic button



Push and hold  

Smart Key system (if equipped)

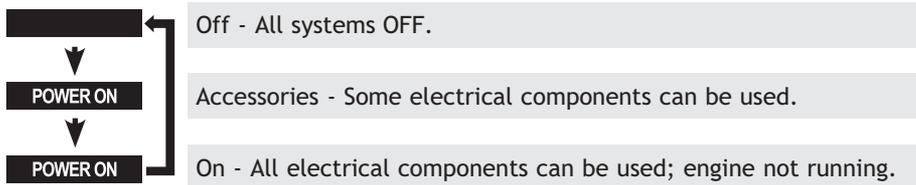
Start function



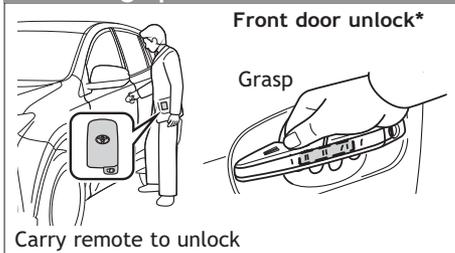
NOTE: Gear shift lever must be in Park and brake pedal depressed.

Power (without starting engine)

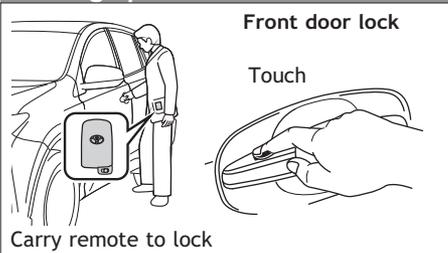
Without depressing the brake pedal, pressing the engine switch will change the operation mode in succession from:



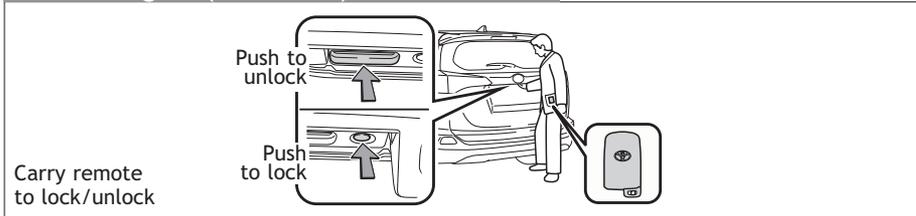
Unlocking operation



Locking operation



Power Liftgate (back door) lock/unlock

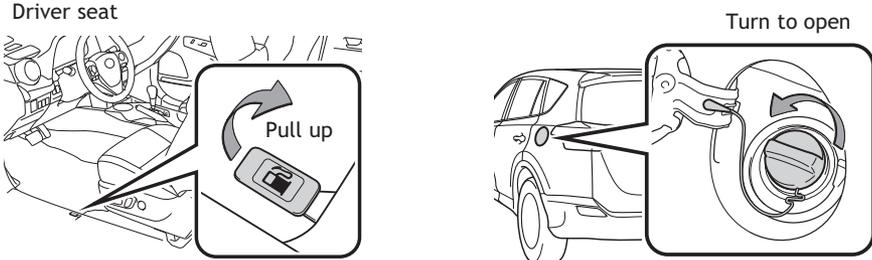


* Driver door unlocking function can be programmed to unlock driver door only, or all doors. Grasping passenger door handle will unlock all doors.

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

Fuel tank door release and cap

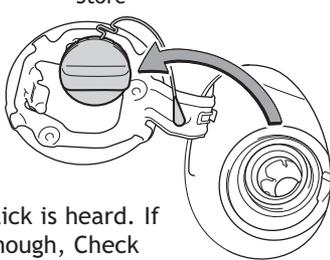
Driver seat



Pull up

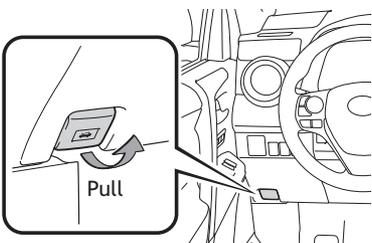
Turn to open

Store

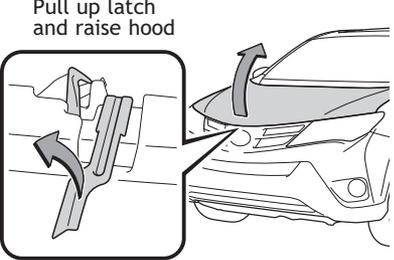


NOTE: Tighten until one click is heard. If the cap is not tightened enough, Check Engine "CHECK" indicator may illuminate.

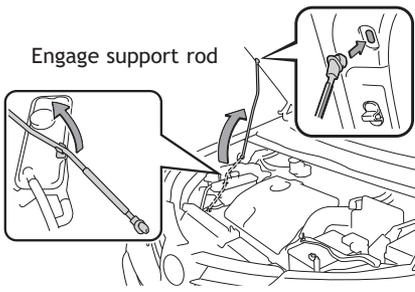
Hood release



Pull

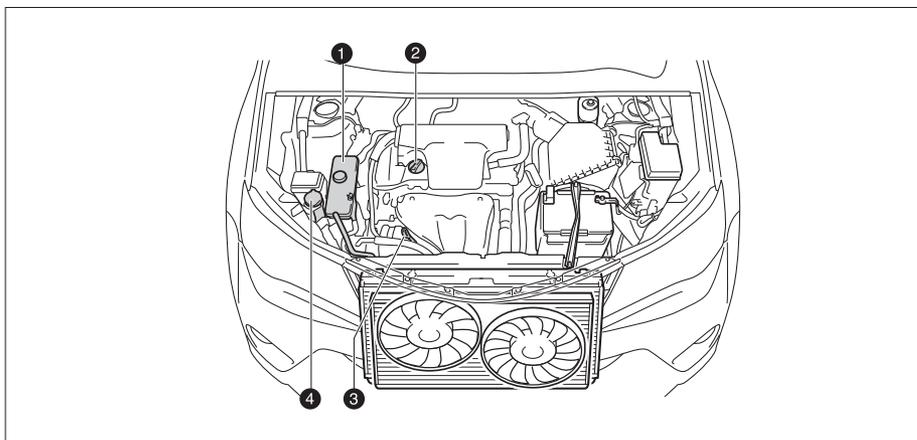


Pull up latch and raise hood



Engage support rod

Engine maintenance



- ① Engine coolant reservoir
- ② Engine oil filler cap
- ③ Engine oil level dipstick
- ④ Windshield and rear window washer fluid tank

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

Auto lock/unlock

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

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

Vehicles without Smart Key system

- Doors unlock when the engine switch is set from "ON" to "ACC" or "LOCK" and driver's door is opened.

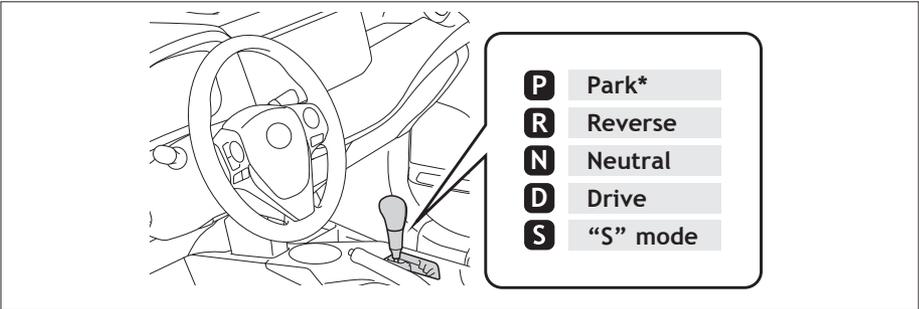
Vehicles with Smart Key system

- Doors lock when the vehicle speed goes above approximately 12 mph.
- Doors unlock when the engine switch is set to OFF and driver's door is opened.

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

FEATURES/OPERATIONS

Automatic transmission



* The engine switch must be "ON" and the brake pedal depressed to shift from Park.

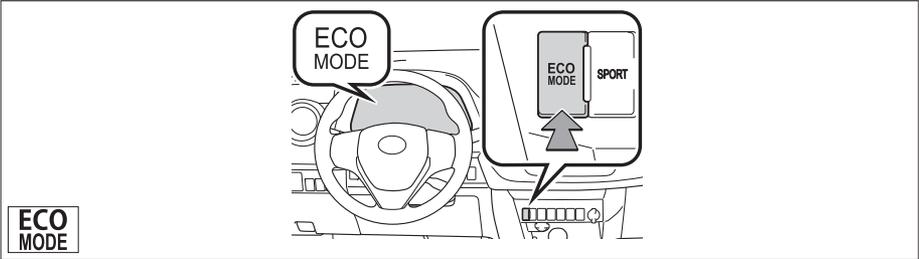
"S" (Sequential) mode

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

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

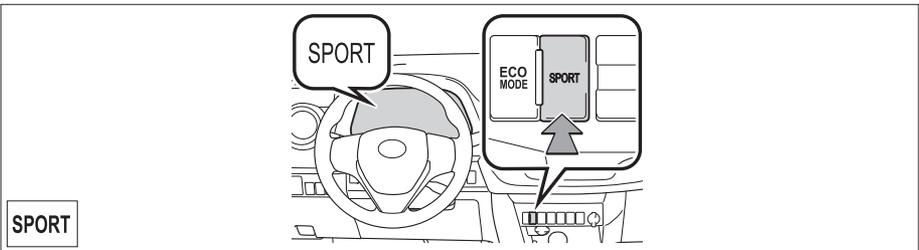
Downshifting increases power going uphill, or provides engine braking downhill. For best fuel economy during normal driving conditions, always drive with the shift lever in the "D" position.

ECO drive mode



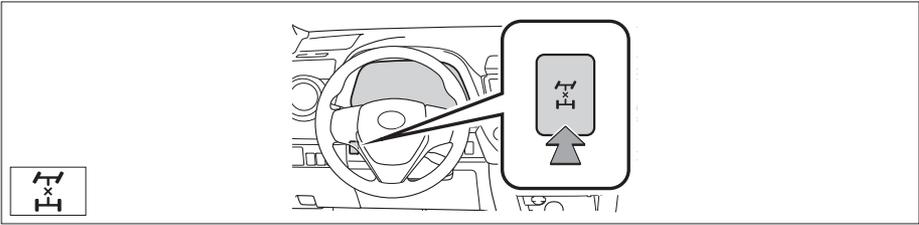
Use Eco drive mode to help achieve low fuel consumption during trips that involve frequent accelerating.

Sport mode



Use sport mode for sporty driving or driving in mountainous regions.

All Wheel Drive Lock (AWD models)

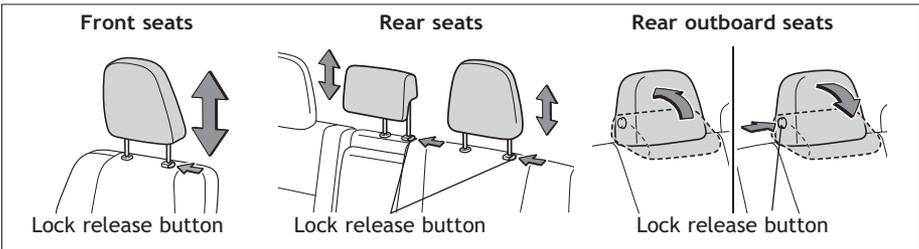


Push the switch to ensure that the engine torque is applied to the four wheels.

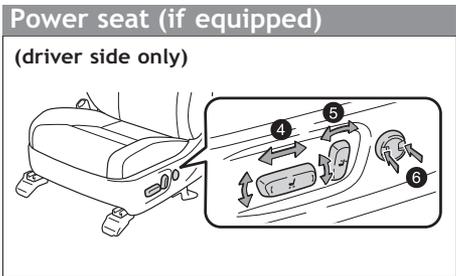
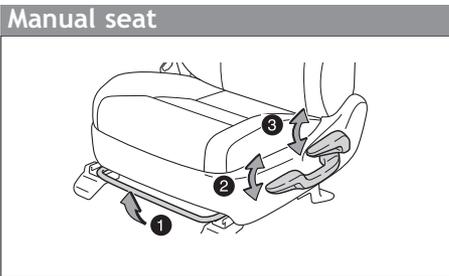
NOTE: Should **ONLY** be used when wheel spinning occurs on loose or unpaved surfaces.

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

Seats-Head restraints



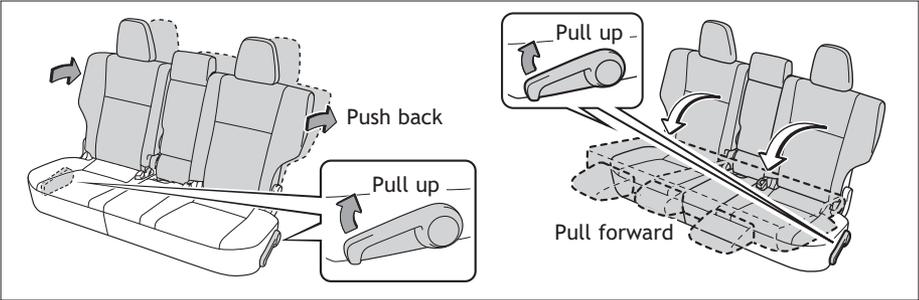
Seat adjustments-Front



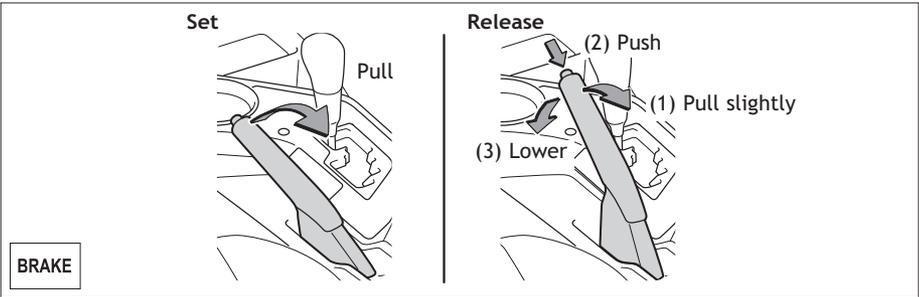
- ① Seat position (forward/backward)
- ② Height crank (driver side only)
- ③ Seatback angle
- ④ Seat position, cushion angle and height

- ⑤ Seatback angle
- ⑥ Lumbar support

Seat adjustments-Rear

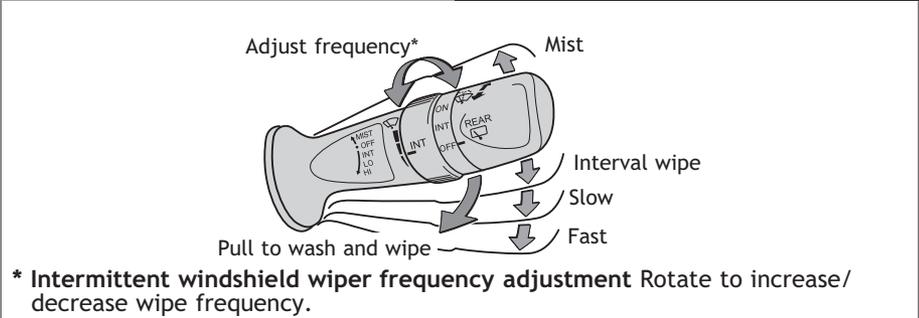


Parking brake

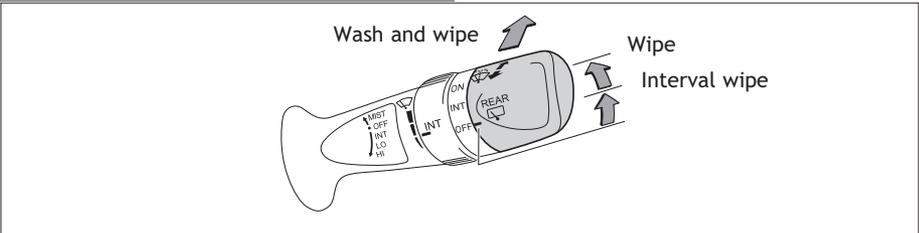


Windshield wipers & washers

Front



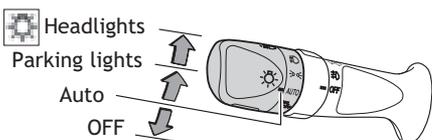
Rear



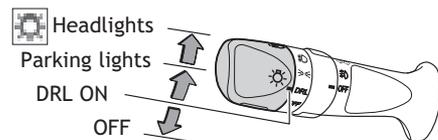
Lights & turn signals

Headlights

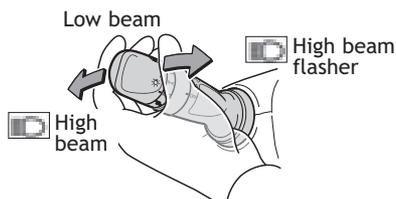
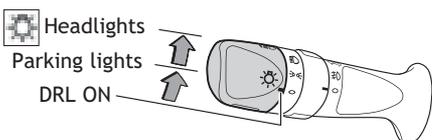
Type A



Type B



Type C



Daytime Running Light system (DRL)

Automatically turns on the headlights at a reduced intensity.

Automatic On/Off¹

The side marker, parking, tail, license plate, instrument panel and headlights turn on and off automatically

Automatic Off¹

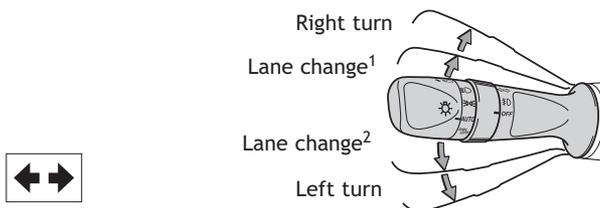
Automatically turns lights off after a delay of 30 seconds, or when the lock switch on remote is pushed after all the doors are locked.

Automatic High Beam

High Beam automatically turn on or off high beams as necessary.

¹ If equipped.

Turn signals



¹ The right hand signals will flash three times.

² The left hand signals will flash three times.

Fog lights

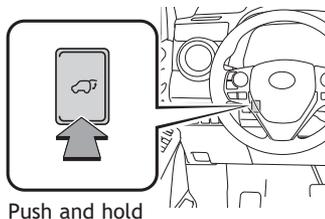


Front fog lights come on only when the headlights are on low beam.

Door-Power Liftgate (if equipped)

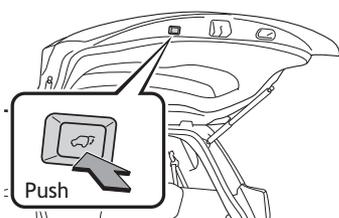
Instrument panel

Open: Push and hold
 Close: Push and hold again
 Stop: Push once during operation to stop

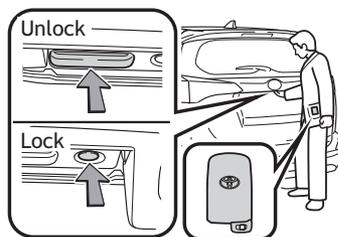


Power Liftgate (back door)

(close only)



(open only)



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

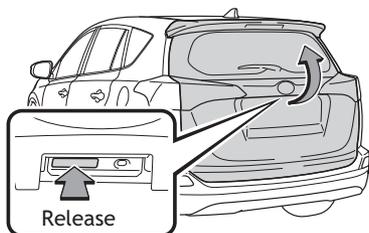
Programmable Power Liftgate

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 a buzzer sounds.
2. To reset the height, with the liftgate open and not moving, press and hold the rear liftgate close-button until it buzzes 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. The height can also be set through the "Setup" screen on the audio display. Setup > Vehicle Customization > Other Vehicle Settings > Power Back Door Opening Adjust. Through this screen, there are 5 height options to choose from.

NOTE: If the liftgate has stopped operating, check inside the glove box, on the left side, to ensure the PWR DOOR OFF button has not been pushed.

For detailed instructions, see *Owner's Manual*.

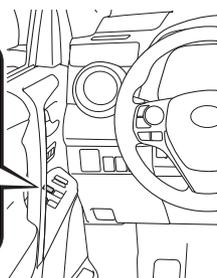
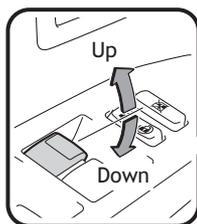
Door-Non-power Liftgate



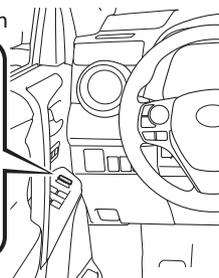
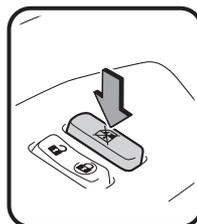
To open the liftgate, push up the release and pull the door to raise it.

Windows-Power

Driver side



Window lock switch



Automatic operation - automatic up/down (driver side only)¹ 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.

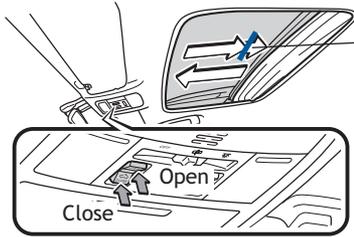
Window lock switch Deactivates all passenger windows. Driver's window remains operable.

¹ If equipped.

Moon roof (if equipped)

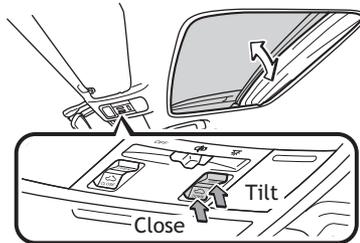
Sliding operation

Push once to open partway; again to open completely.



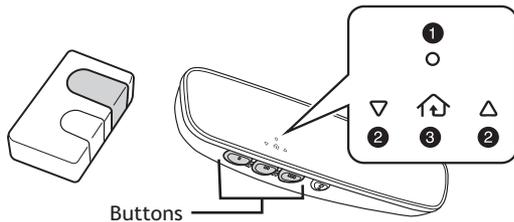
Recommended open position to minimize wind noise

Tilting operation



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

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



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

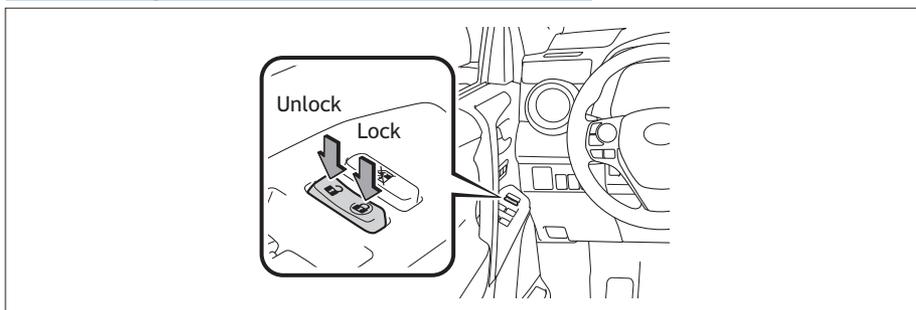
Refer to "Garage door opener," Section 6-4 in the *Owner's Manual* for more details.

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

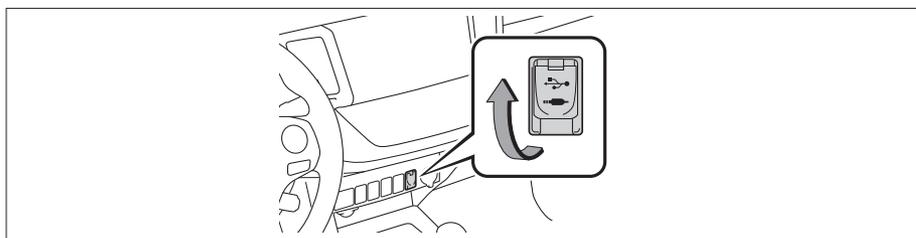
* HomeLink® is a registered trademark of Gentex Corporation.

- ① Homelink® indicator light
- ② Opening/Closing indicator
- ③ Illuminates when Homelink® is operating

Door locks (without Smart Key)



USB/AUX port



USB port

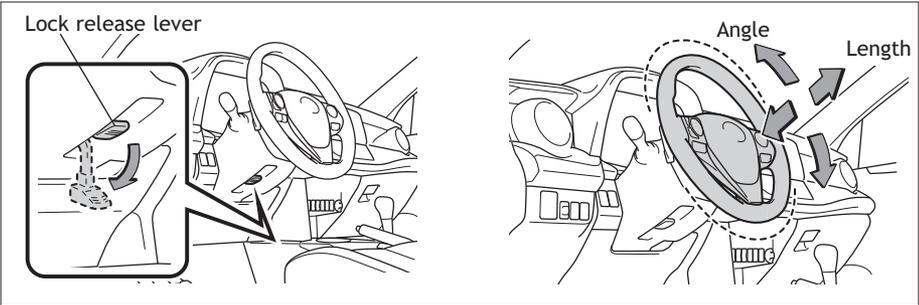
By connecting a USB-compatible portable audio device or USB memory to the USB port, you can listen to music from the portable audio device or USB memory through the vehicle's speaker system.

AUX port

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

For details, refer to the "Navigation System Owner's Manual" and "2016 Entune™ Audio Quick Reference Guide."

Tilt and telescopic steering wheel



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

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

Steering wheel switches and Telephone controls (Bluetooth®)

The diagram shows the steering wheel controls and a microphone. The steering wheel controls include buttons for 'Start call', 'End call', 'Volume', 'MODE', and a 'Voice command button'. A callout box labeled 'Microphone' shows a close-up of the microphone array.

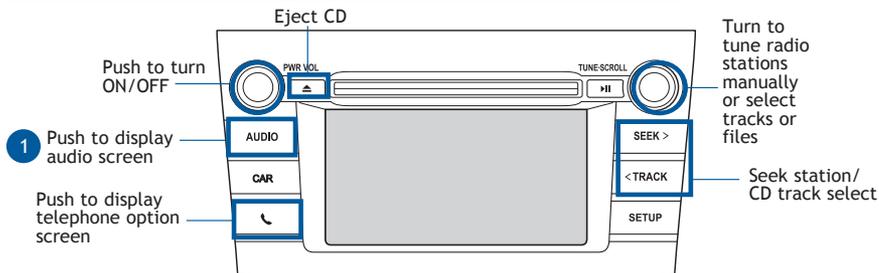
- 1 "▲▼" Use to search within the selected audio medium (radio, CD, etc.).
- 2 "MODE" Push to turn audio ON and select an audio mode. Push and hold to turn the audio OFF.

Bluetooth® technology allows dialing or receipt of calls without removing your hands from the steering wheel or using a cable to connect the compatible telephone and the system.

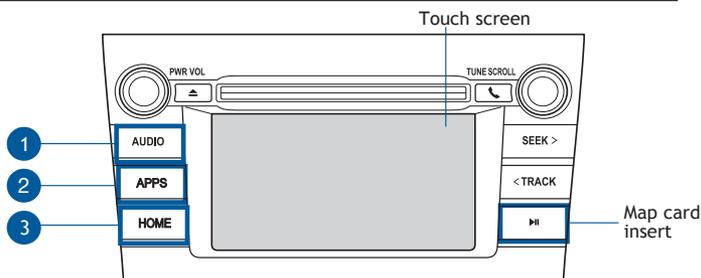
Refer to the "Bluetooth® Device Pairing Section" in this guide for more information about phone connections and compatibility.

Audio

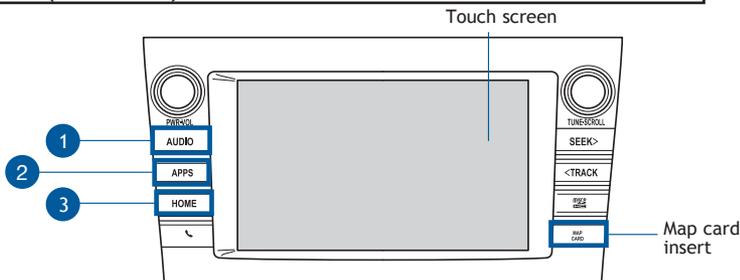
Type 1 - Entune™ Audio (LE)



Type 2 - Entune™ Audio Plus with Connected Navigation App (SE/XLE/XLE)



Type 3 - Entune™ Premium (JBL®) Audio with Integrated Navigation and App Suite (SE/XLE/LTD)



Refer to the “NAVIGATION SYSTEM OWNER’S MANUAL” and “2016 ENTUNE™ AUDIO QUICK REFERENCE GUIDE.”

1 AUDIO Button
Access to audio functions.

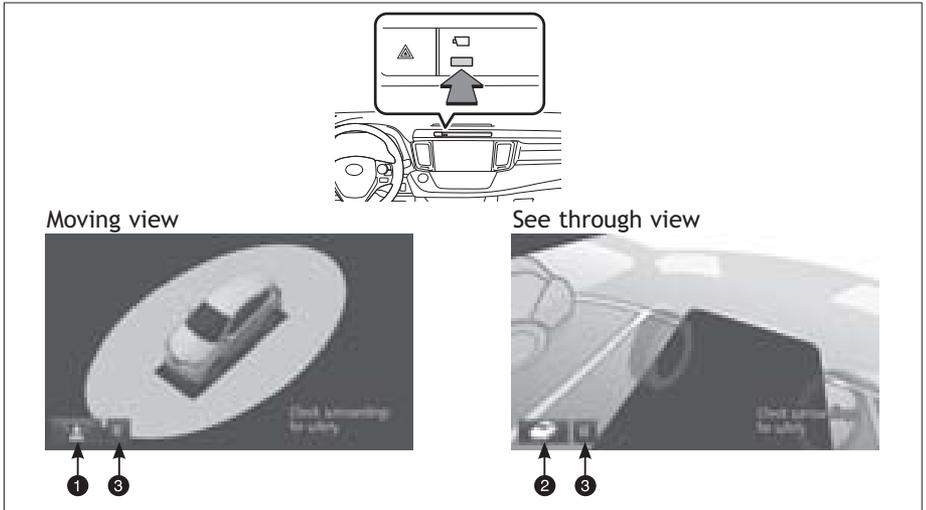
3 HOME Button
Access to Home screen.

2 APPS Button
Access to Entune® App Suite, sports, stocks, news, traffic and weather.

HOME SCREEN - the home screen offers a two panel and a three panel layout. Information and layout will vary depending on selected set up.

Quick Tip - The USB and AUX port location and design are different depending on the vehicle. For details, see Page 17.

Bird's Eye View Camera with Perimeter Scan function



- ❶ See-through view switch
- ❸ Rotation pause switch

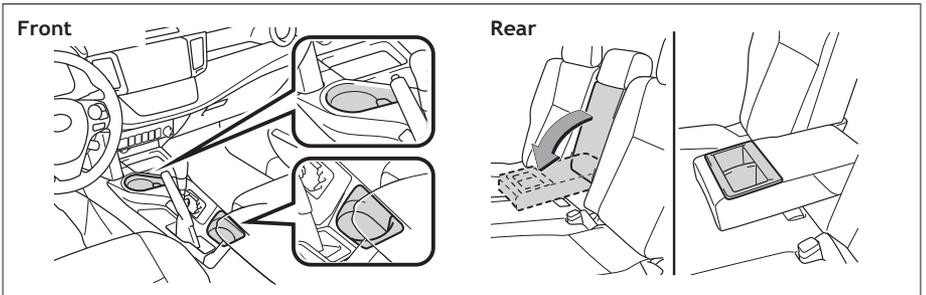
- ❷ Moving view switch
- ❸ Rotation pause switch

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 a complete vehicle overhead image on the Entune™ screen.

To view or turn OFF the screen, press the camera switch when the shift lever is in the "P" position. It will display two angles, the Moving view and the See Through view.

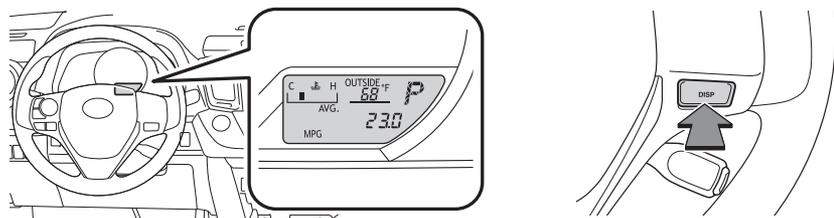
For more details, refer to the "NAVIGATION SYSTEM OWNER'S MANUAL."

Cup holders



Multi-Information Display (MID)

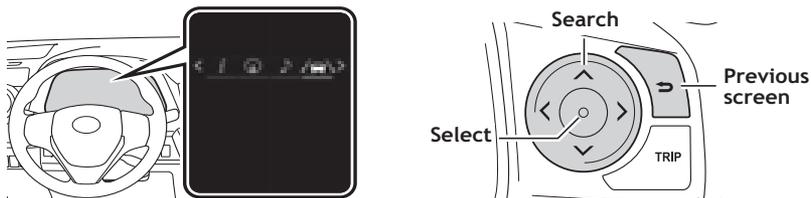
Monochrome display (if equipped)



Push "DISP" to scroll through the following information screens:

- | | |
|------------------------------|------------------------------|
| (1) Odometer | (4) Average fuel consumption |
| (2) Trip meters "A" and "B" | (5) Average vehicle speed |
| (3) Current fuel consumption | (6) Driving range |

Color display (if equipped)

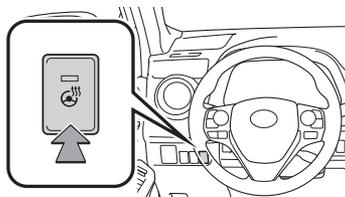


- ① Select: To select an item/change pages
- ② Enter/Set: Press to enter/set, press and hold to resets
- ③ Return: To previous screen

Push Multi-Information Display control switches to change information in the following:

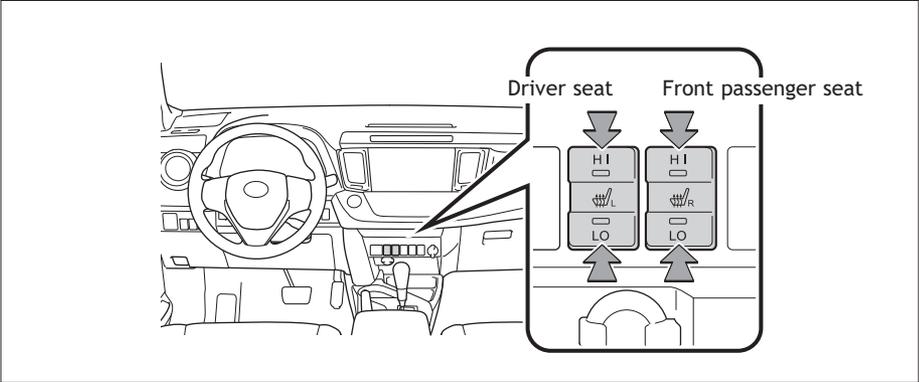
-  Drive information
-  Navigation system linked display (if equipped)
-  Audio system linked display
-  Driving assist information (if equipped)
-  Warning messages
-  Settings display

Steering wheel-Heater (if equipped)



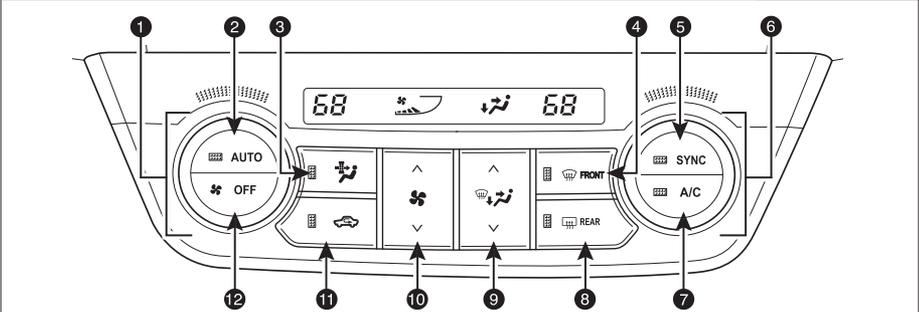
Engine switch must be in the "ON" position or MID must display the "IGNITION ON."

Seat heaters (if equipped)



Air conditioning/heating

Dual Zone Automatic Climate Control (if equipped)

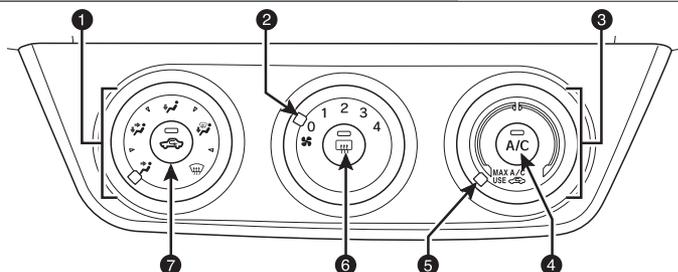


- 1 Temperature selector (driver side)
- 2 Automatic climate control ON
Adjust the temperature setting, and airflow vents and fan will adjust automatically.
- 3 Micro dust and pollen filter ON/OFF
- 4 Windshield defogger
- 5 Synchronizes driver, front passenger and rear temperature settings
- 6 Temperature selector (front passenger side)
- 7 Air Conditioning ON/OFF
- 8 Outside mirror/Rear window defogger¹
- 9 Airflow vent
In "🌀" or "🌀" mode, use outside air ("🌀" indicator OFF) to reduce window fogging.
- 10 Fan speed
- 11 Recirculate cabin air (outside air when OFF)
- 12 Climate control OFF

¹ If equipped



Manual air conditioning (if equipped)



- ① Airflow vent
In “” or “” mode, use outside air (“” indicator OFF) to reduce window fogging.
- ② Fan speed
- ③ Temperature selector
- ④ Air Conditioning ON/OFF
- ⑤ Select for maximum cooling
- ⑥ Outside rearview mirror¹/Rear window defogger
- ⑦ Recirculate cabin air (outside air when OFF)

¹ If equipped

Clock

To find your system, refer to the Audio section of this guide.

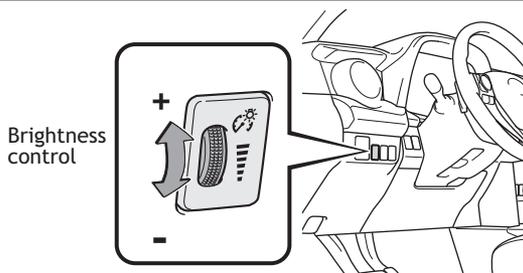
For Entune™ Audio

Push “**SETUP**” button next to the screen then select “**General**” in the touch screen to access clock setting.

For Entune™ Audio Plus with Connected Navigation App and Entune™ Premium (JBL®) Audio with Integrated Navigation and App Suite

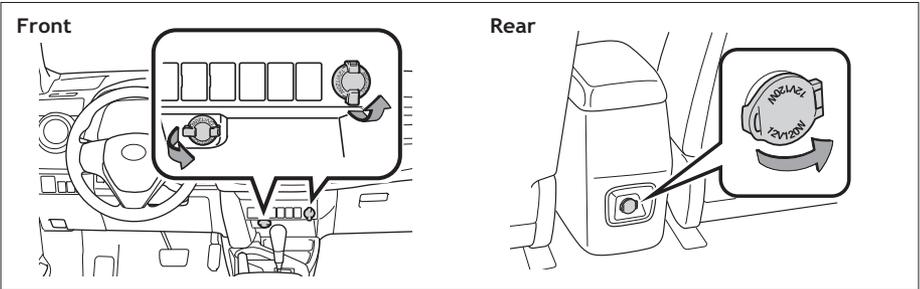
Push “**APPS**” button next to the screen, then select “**General**” in the touch screen to access clock setting.

Light control-Instrument panel



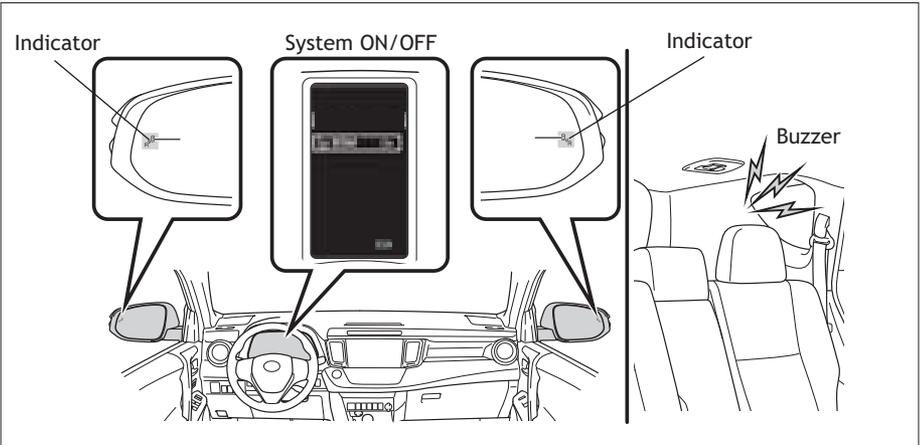
With the dial turned fully up, instrument panel lights will not dim when the headlights are turned ON.

Power outlets-12V DC



NOTE: Designed for car accessories. Engine switch must be in the "ACC" or "ON" position to be used.

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



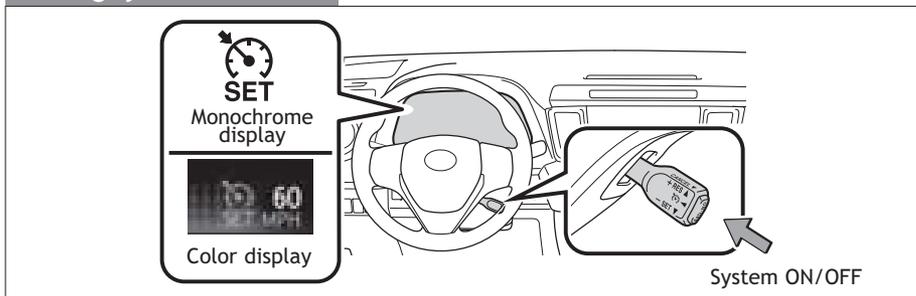
Blind Spot Monitor (BSM) uses an indicator light in the outside mirror to alert the driver to a vehicle in the blind spot.

When backing up the vehicle, **Rear Cross Traffic Alert (RCTA)** uses an indicator light in the outside mirror and an audible sound to alert the driver if another vehicle is approaching from the left or right.

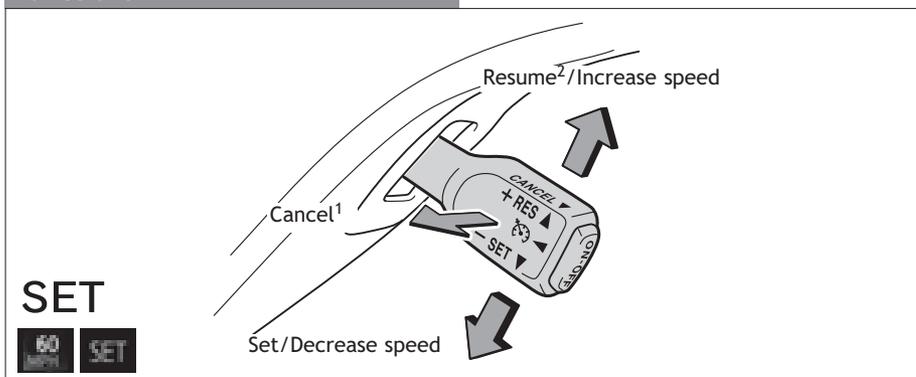
Refer to the *Owner's Manual* for more details on this system before attempting to use it.

Cruise control (if equipped)

Turning system ON/OFF



Functions

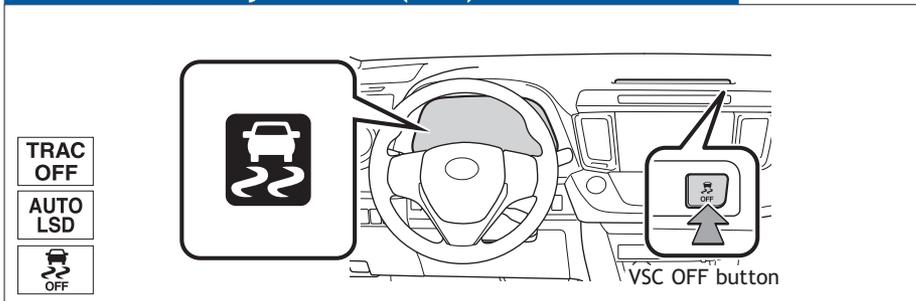


¹ The set speed may also be cancelled by depressing the brake pedal.

² The set speed may be resumed once vehicle speed exceeds 25 mph.

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

Vehicle Stability Control (VSC) OFF button



The VSC OFF button is used to switch between modes related to the TRAC, VSC and Auto LSD functions (2WD and 4WD models.)

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



TOYOTA SAFETY SENSE

Quick overview-Toyota Safety Sense P (if equipped)

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

Refer to the *Owner's Manual* for more details to understand these functions and complete safety precautions before attempting to use any of TOYOTA SAFETY SENSE P functions.



Pre-Collision System (PCS)

Provides collision avoidance or damage mitigation support in speed ranges where rear end collisions are likely to occur.



Pedestrian Detection Function

Advanced sensor system helps to recognize pedestrians and provide collision avoidance support and/or damage mitigation.



Lane Departure Alert (LDA)

Provides notification regarding the risk of unintended lane departure.



Dynamic Radar Cruise Control (DRCC)

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

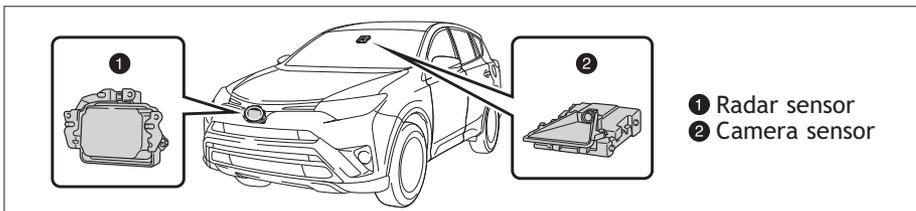


Auto High Beams (AHB)

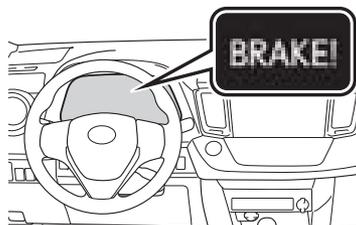
Vehicle detects lights of leading or opposing vehicles and automatically changes between high and low beam headlight settings.

Sensors

Two types of sensors, located behind the front grille and windshield, detect information necessary to operate the drive assist systems. The single-lens camera in front of inside rear view mirror detects and recognizes shapes and white or yellow lane markings.



Pre-Collision System (PCS)



The Pre-Collision System uses a radar sensor and camera sensor to help detect vehicles and pedestrians in front of your vehicle. If the system determines that the possibility of a frontal collision with a vehicle or pedestrian is high, the system warns the driver to take evasive action while the potential brake pressure is increased to help the driver avoid collision or reduce the impact to the vehicle and its occupants.

Note: PCS is enabled each time the engine switch is turned to Ignition On. The system can be disabled/enabled and the warning timing of the system can be changed.

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 to urge the driver to take evasive action.

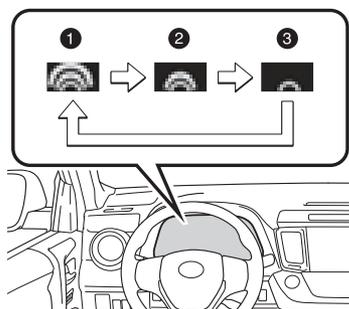
Pre-collision brake assist

When the system determines that the possibility of a frontal collision is high, the system applies greater braking force in relation to how strongly the brake pedal is depressed.

Pre-collision braking

When the system determines that the possibility of a frontal collision is high, the system warns the driver. If the system determines that the possibility of a collision is extremely high, the brakes are automatically applied to help avoid the collision or reduce the collision speed.

Changing the pre-collision warning timing



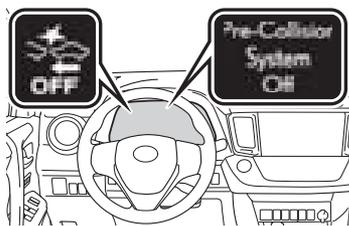
- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “◇” switches and select  from the MID.
- (3) Press “⊙” from the meter switches, select “Sensitivity” and then press “⊙”.

Each time “⊙” is pressed, the response to the warning distance changes as follows:

- ① Far
- ② Middle (default)
- ③ Near

Note: The PCS warning timing is set when the power switch is turned off.

Disabling the Pre-Collision System (PCS)



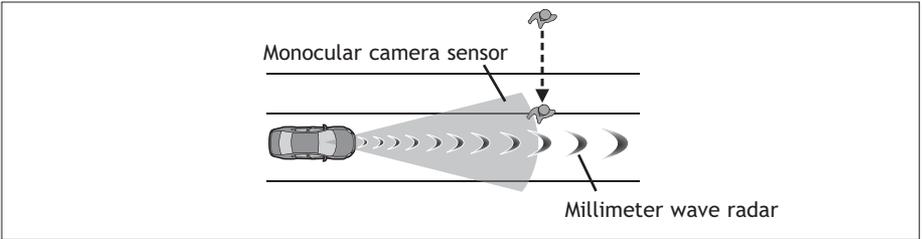
- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “◇” switches and select  from the MID.
- (3) Press “⊙” from the meter switches, select  and then press “⊙”.

The Pre-Collision System will be disabled.

Note: The system is automatically enabled each time the power switch is turned to ON mode.

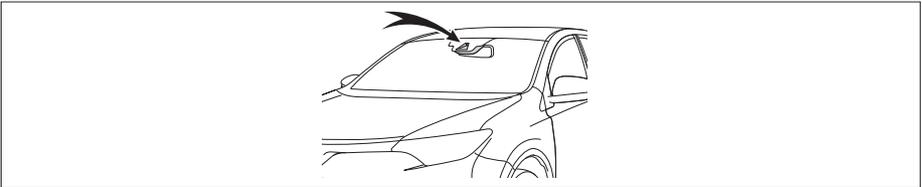
Pedestrian Detection Function

The Pre-Collision System also features a pedestrian detection function. Using a millimeter wave radar and monocular camera sensor, this advanced sensor system can recognize pedestrians in some circumstances. It may provide detection capability while driving at low as well as higher speeds.



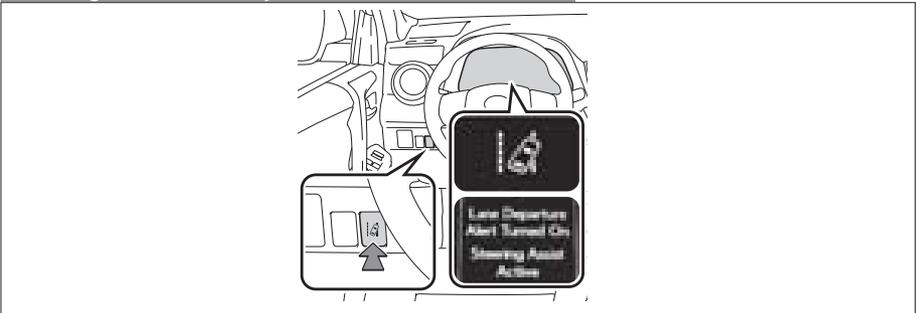
As part of PCS, this function is also designed to first provide an alert and then automatic braking if needed.

Lane Departure Alert (LDA) with Steering Assist function



The Lane Departure Alert system recognizes visible white or yellow lane markers via a camera sensor. The system alerts the driver with a warning buzzer sound and message in the Multi-Information Display (MID) when it detects the vehicle deviating from or swaying multiple times within its lane.

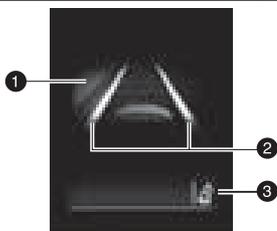
Turning on the LDA system



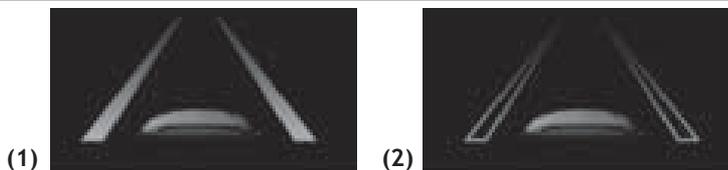
Press the LDA switch to turn the LDA system on. Depress again to turn it off.

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

Functions



- ❶ LDA function display
- ❷ Lane
- ❸ Lane Departure Alert (LDA) indicator (flashes orange when operating)



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

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

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

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

Adjusting LDA sensitivity

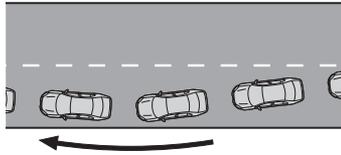


High - Warns before the front tire crosses the lane marker.

Normal - Warns when the front tire crosses the lane marker.

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

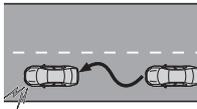
Steering assist function



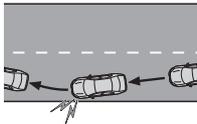
When the system determines that the vehicle might depart from its lane, the system provides assistance as necessary by operating the steering wheel in small amounts for a short period of time to keep the vehicle in its lane.

If the system detects that the steering wheel has not been operated for a fixed amount of time or the steering wheel is not being firmly gripped, a warning is displayed on the multi-information display and the warning buzzer sounds.

Sway control function



Continuous lane deviations from swaying.

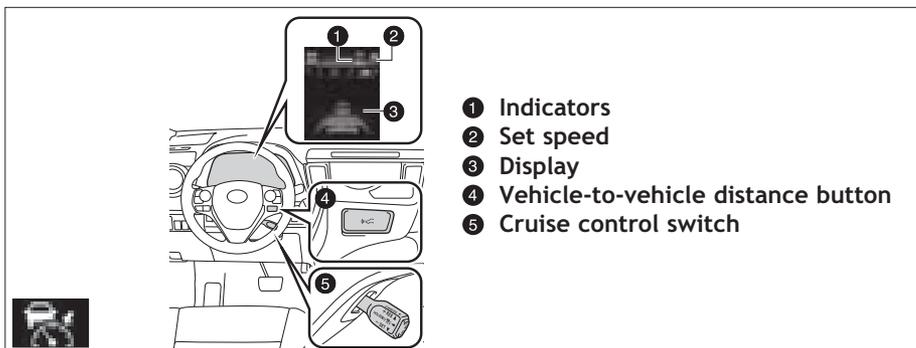


Acute steering wheel operation after the number of operations decrease due to driver's inattentiveness.

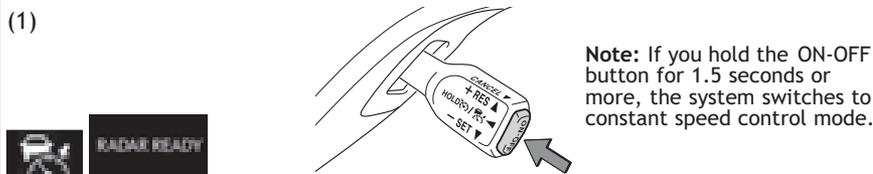
The sway warning function can detect swaying based on the vehicle location in the lane and the driver's steering wheel operation. To help prevent swaying, the system alerts the driver using a buzzer sound and a warning displays in the MID.

Dynamic Radar Cruise Control (DRCC)

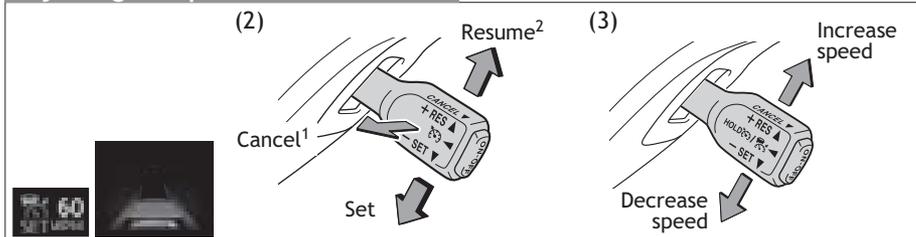
This function enables the vehicle to recognize and judge the distance of the leading vehicle and to drive within the set distance while also maintaining the set speed if the speed of leading vehicle permits, or if the leading vehicle changes lanes. This mode is always selected first when the cruise control button is depressed. Constant speed cruise control mode is also available.



Turning system ON/OFF



Adjusting set speed



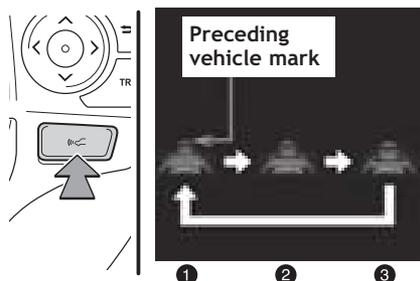
Vehicle will cruise at a set speed, decelerate to maintain selected distance from a slower vehicle traveling in front and accelerate back up to the selected speed if the vehicle in front changes lanes or speeds up.

- (1) Push the “ON-OFF” button. The “RADAR READY” or “” indicator will come on.
- (2) Push the lever down to SET speed, push it up to Resume and pull it or depress brake to Cancel.
- (3) Push up to increase the set speed, push down to decrease (1mph increments).

¹ The set speed may also be cancelled by depressing the brake pedal.

² The set speed may be resumed once vehicle speed exceeds 25 mph.

Adjusting distance



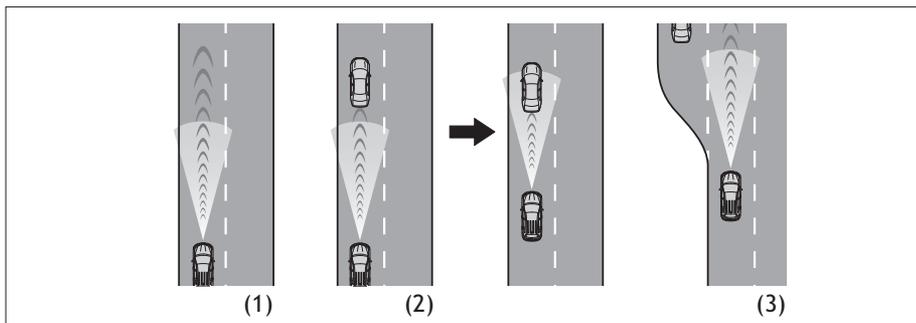
To change the vehicle-to-vehicle distance

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

- ① LONG (default setting)
- ② MIDDLE
- ③ SHORT.

This mode employs a radar sensor to detect the presence of vehicles up to approximately 400ft (120m) ahead, determines the current vehicle-to-vehicle following distance and operates to maintain a suitable following distance from the vehicle ahead.

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

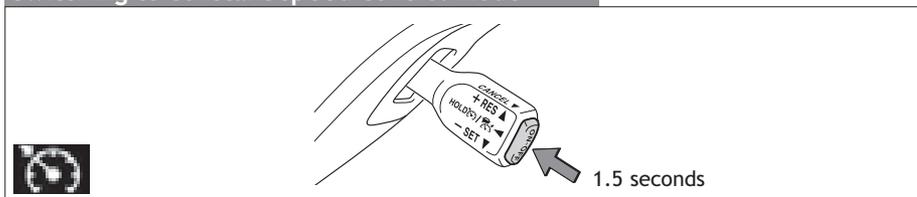
When a vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies the brakes (the stop lights will come on at this time). The system will respond to changes in the speed of the vehicle ahead in 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.

(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.

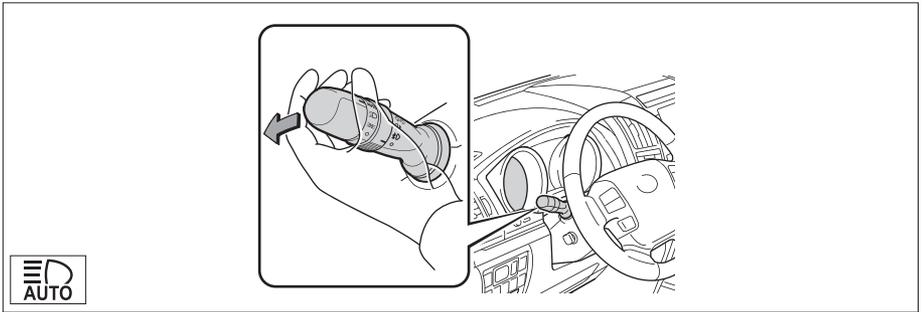
Switching to constant speed control mode



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 Dynamic Radar Cruise Control.

Auto High Beams (AHB)



The Automatic High Beam uses an in-vehicle camera sensor to assess the brightness of streetlights, the lights of oncoming and preceding vehicles, etc., and automatically turns high beam on or off as necessary.

Activating the Automatic High Beam System

- (1) With the engine switch in IGNITION ON mode and headlight switch turned to “AUTO” position, depress the Automatic High Beam switch and push lever away from you.

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

- (2) Pull the lever back toward you to turn the Automatic High Beam system off.

The Automatic High Beam indicator will turn off and the high beam indicator turn on.

Conditions where Automatic High Beams will turn ON/OFF automatically

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

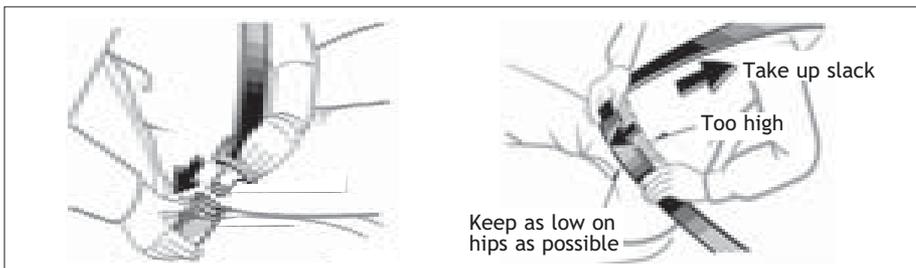
- Vehicle speed is above approximately 25 mph (40 km/h).
- The area ahead of the vehicle is dark.
- There are no oncoming or preceding vehicles with headlights or tail lights turned on.

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

- Vehicle speed drops below approximately 19 mph (30 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.

SAFETY AND EMERGENCY FEATURES

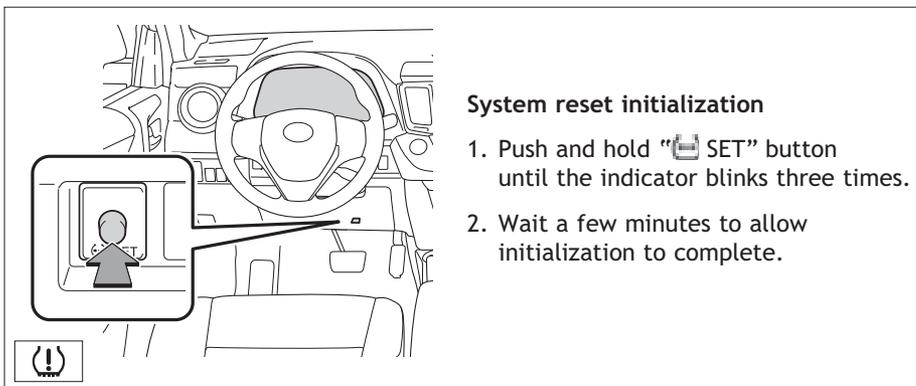
Seat belts



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

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

Tire Pressure Monitoring (warning) System



System reset initialization

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

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

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

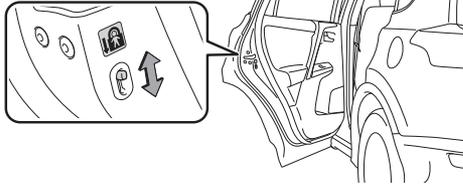
If the tire pressure indicator flashes for more than 60 seconds and then remains on, take the vehicle to your local Toyota dealer.

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

SAFETY AND EMERGENCY FEATURES

Doors-Child safety locks

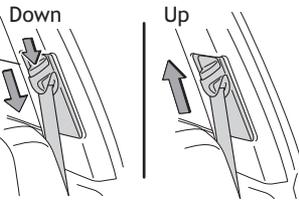
Rear door



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

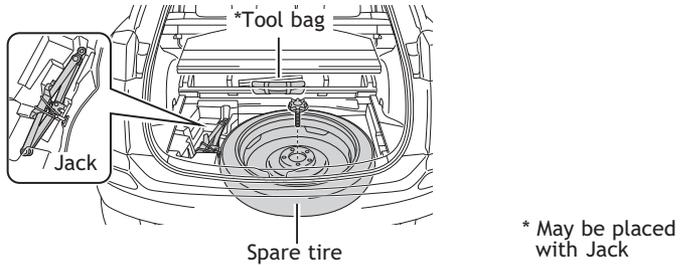
Seat belts-Shoulder belt anchor

Push up or squeeze lock release to lower



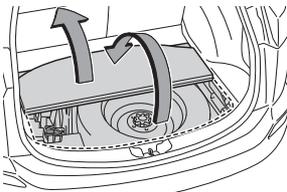
Spare tire & tools

Tool location

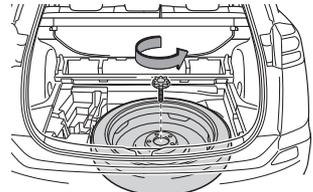


Removing the spare tire

(1)



(2)



(1) Remove the rear deck board.

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

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

Star Safety System™

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

Vehicle Stability Control (VSC)

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

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

Traction Control (TRAC)

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

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

Anti-Lock Brake System (ABS)

ABS helps prevent brakes from locking up by "pulsing" brake pressure to each wheel. This limits brake lockup and helps provide directional control for the current road conditions.

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.

Electronic Brake Force Distribution (EBD)

Toyota's ABS technology has Electronic Brake-force Distribution (EBD) to help maintain control and balance when braking. Abrupt stops can cause a vehicle to tilt forward, reducing the braking power of the rear wheels. EBD responds to sudden stops by redistributing brake force to enhance the braking effectiveness of all four wheels.

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.

SAFETY AND EMERGENCY FEATURES

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.

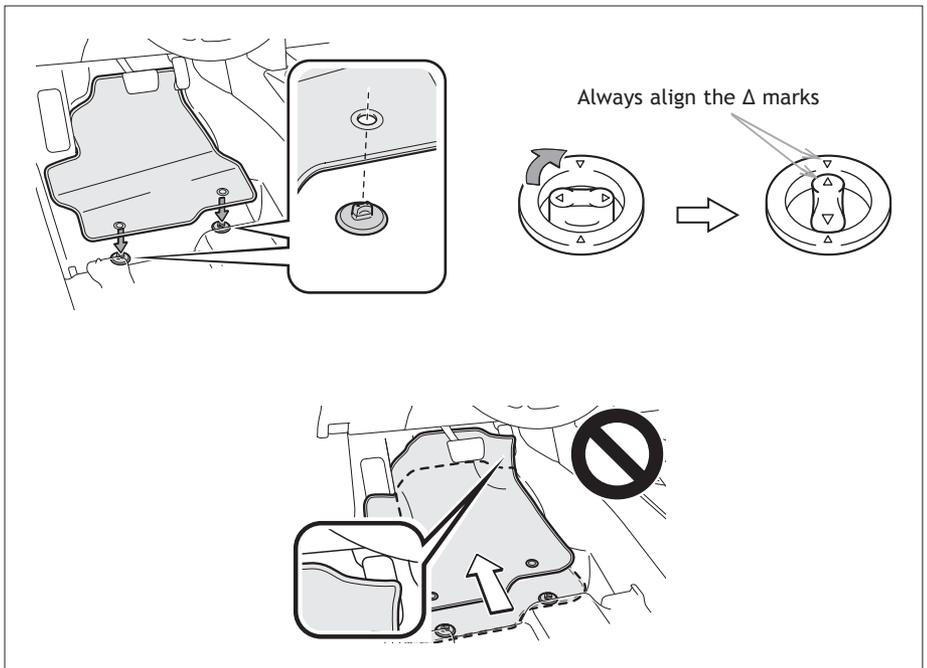
SST doesn't engage if the brake pedal is depressed before the accelerator pedal, allowing vehicles to start on a steep hill and safely accelerate without rolling backward.

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 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

BLUETOOTH® DEVICE PAIRING

To begin the Bluetooth® Pairing process, press the HOME button on the faceplate of your Toyota Vehicle Entune™ Multimedia Head Unit.¹

Bluetooth® Pairing for Android® phone and Entune™ touch screen system

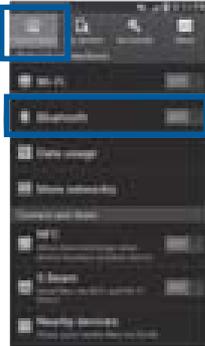
Pairing your phone is the first step in connecting with your Toyota for hands-free calling and for audio streaming via Bluetooth. This pairing process is quick and easy: all Android mobile digital devices have Bluetooth integrated; all you have to do is setup the phone and multimedia system to “talk” to each other and form a connection.²

Initiate Bluetooth® on your Android®



STEP 1

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



STEP 2

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



STEP 3

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



STEP 4

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

Phone will seek out Bluetooth devices while remaining discoverable.



STEP 5

While your Android device is seeking out Bluetooth devices, proceed to your Entune Multimedia Head Unit on your Toyota vehicle.

¹ To determine which head unit is installed in your vehicle, refer to the Audio section in this guide.

² Some Android devices may have slightly different SETTINGS screen layout depending on manufacturer of device and Android OS version.

Initiate Bluetooth® on your Entune™ Multimedia Head Unit

Once you have Bluetooth enabled on your phone and ready to pair, you will need to initiate Bluetooth on your Entune head unit. Please follow the instructions below to pair your Bluetooth enabled phone to your Entune system.



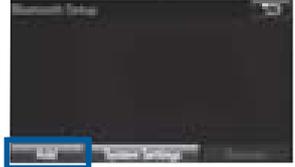
STEP 6

On your Toyota Vehicle Entune Multimedia Head Unit, Select **SETUP BUTTON** on the Home Screen.



STEP 7

Select **BLUETOOTH**.
Image shown is a sample image, features may vary.



STEP 8

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



STEP 9

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

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



STEP 10

Your smartphone is now paired with Entune.



STEP 11

Once paired, Entune will attempt to connect audio and contacts on your phone.

BLUETOOTH® DEVICE PAIRING

Initiate Bluetooth® on your Entune™ Multimedia Head Unit



STEP 12

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

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



STEP 13

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

Additional Resources

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

Online Pairing Guide:
www.toyota.com/connect

Your Toyota Owner's Manual
Located in the vehicle glovebox

Toyota Customer
Experience Center
(800) 331-4331

Disclosures

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1. Concentrating on the road should always be your first priority while driving. Do not use the hands-free phone system if it will distract you.
2. The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Toyota is under license. A compatible Bluetooth enabled phone must first be paired. Phone performance depends on software, coverage & carrier.
3. Android is a trademark of Google Inc.
4. Apps/services vary by phone/carrier; functionality depends on many factors. Select apps use large amounts of data; you are responsible for charges. Apps & services subject to change. See Toyota.com/entune for details.

Bluetooth® Pairing for iPhone® and Entune™ touch screen system

Pairing your phone is the first step in connecting with your Toyota for hands-free calling and for audio streaming via Bluetooth. This pairing process is quick and easy: all iPhone mobile digital devices have Bluetooth integrated; all you have to do is setup the phone and multimedia system to “talk” to each other and form a connection.

Initiate Bluetooth® on your iPhone®



STEP 1

From the HOME SCREEN, select SETTINGS.



STEP 2

Select BLUETOOTH.



STEP 3

Ensure BLUETOOTH is ON.



STEP 4

Your iPhone will seek out Bluetooth devices while remaining discoverable.



STEP 5

While your iPhone device is seeking out Bluetooth devices, proceed to your Entune Multimedia Head Unit on your Toyota vehicle.

BLUETOOTH® DEVICE PAIRING

Initiate Bluetooth® on your Entune™ Multimedia Head Unit

Once you have Bluetooth enabled on your phone and ready to pair, you will need to initiate Bluetooth on your Entune head unit. Please follow the instructions below to pair your Bluetooth enabled phone to your Entune system.



STEP 6

Select **SETUP** button on the Home Screen.



STEP 7

Select **BLUETOOTH**.

Image shown is a sample image, features may vary.



STEP 8

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



STEP 9

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

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



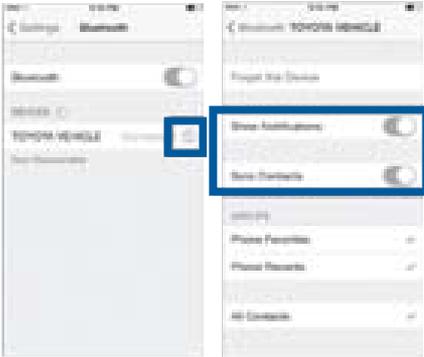
STEP 10

Your smartphone is now paired with Entune.



STEP 11

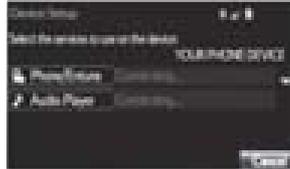
Once paired, Entune will attempt to connect audio and contacts on your phone.



STEP 12

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

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



STEP 13

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

Additional Resources

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

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www.toyota.com/connect

Your Toyota Owner's Manual

Located in the vehicle glovebox

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3. Apps/services vary by phone/carrier; functionality depends on many factors. Select apps use large amounts of data; you are responsible for charges. Apps & services subject to change. See Toyota.com/entune for details.

Bluetooth® Pairing for Windows Phone® and Entune™ touch screen system

Pairing your phone is the first step in connecting with your Toyota for hands-free calling and for audio streaming via Bluetooth. This pairing process is quick and easy: all Windows Phone mobile digital devices have Bluetooth integrated; all you have to do is setup the phone and multimedia system to “talk” to each other and form a connection.

Initiate Bluetooth® on your Windows Phone®



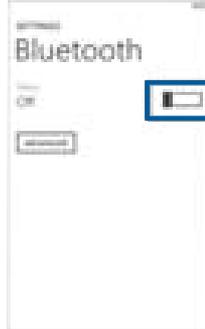
STEP 1

From your APP LIST, select **SETTINGS**.



STEP 2

Select **BLUETOOTH**.



STEP 3

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



STEP 4

Phone will seek out Bluetooth devices while remaining discoverable.



STEP 5

While your iPhone device is seeking out Bluetooth devices, proceed to your Entune Multimedia Head Unit on your Toyota vehicle.

Initiate Bluetooth® on your Entune™ Multimedia Head Unit

Once you have Bluetooth® enabled on your phone and ready to pair, you will need to initiate Bluetooth® on your Entune head unit. Please follow the instructions below to pair your Bluetooth enabled phone to your Entune system.



STEP 6

On your Toyota Vehicle Entune Multimedia Head Unit, Select **SETUP BUTTON** on the Home Screen.



STEP 7

Select **BLUETOOTH**.
Image shown is a sample image, features may vary.



STEP 8

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



STEP 9

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

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



STEP 10

Your smartphone is now paired with Entune.



STEP 11

Once paired, Entune will attempt to connect audio and contacts on your phone.

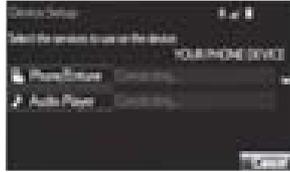
BLUETOOTH® DEVICE PAIRING

Initiate Bluetooth® on your Entune™ Multimedia Head Unit



STEP 12

Using your smartphone, you may need to allow Entune access to your contacts.



STEP 13

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

Additional Resources

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

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