

AVALON HYBRID

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QUICK REFERENCE GUIDE

2018

AVALON HV

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 Avalon HV.

A word about safe vehicle operations

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

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

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

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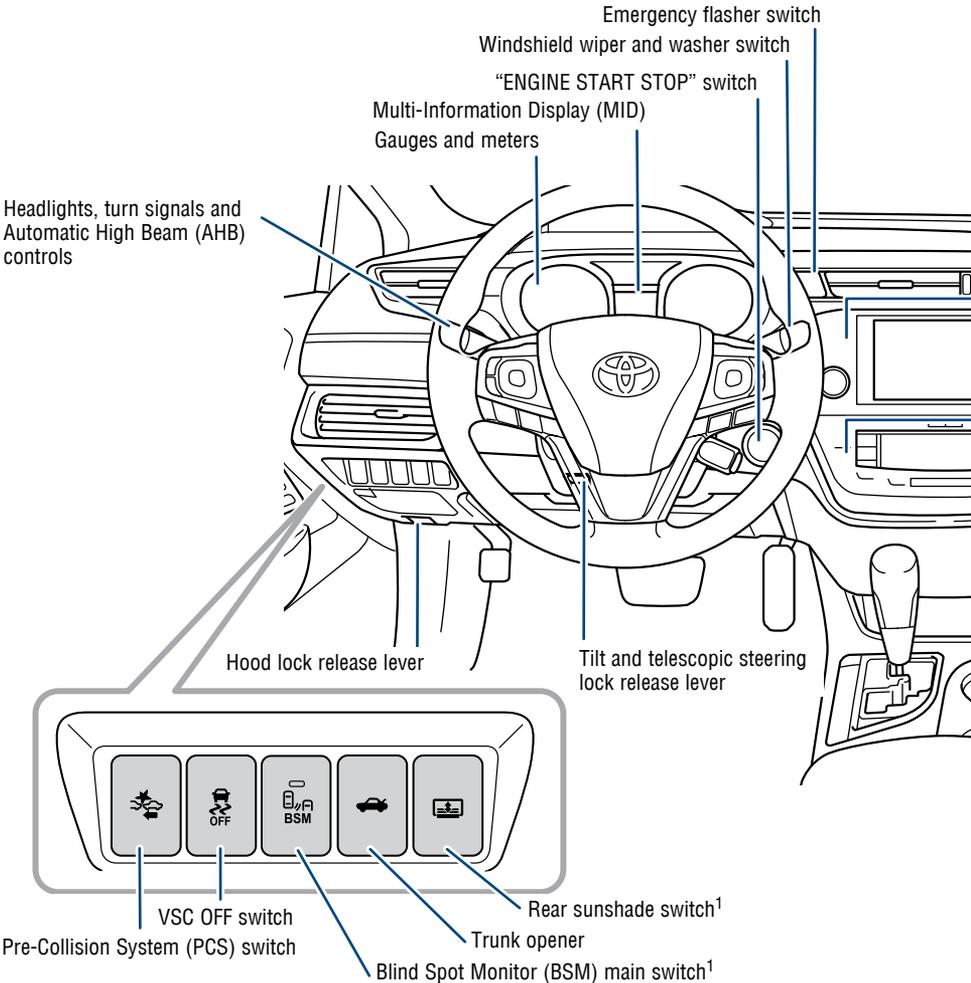
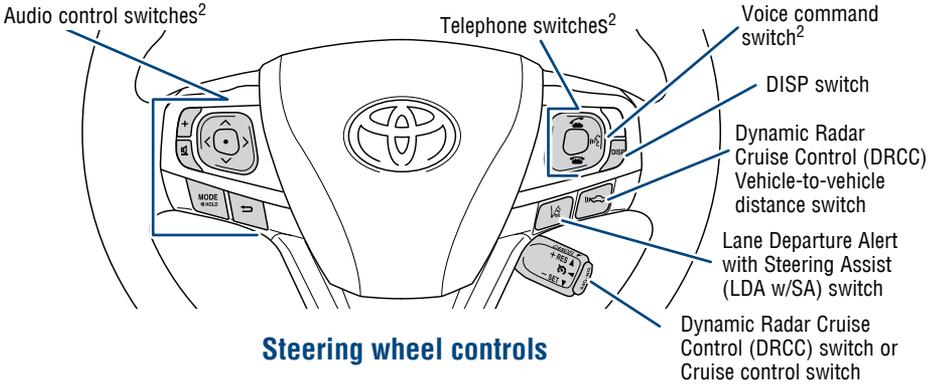
¹ Visit your Toyota dealer for information on customizing this feature.

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

³ HomeLink® is a registered trademark of Gentex Corporation.

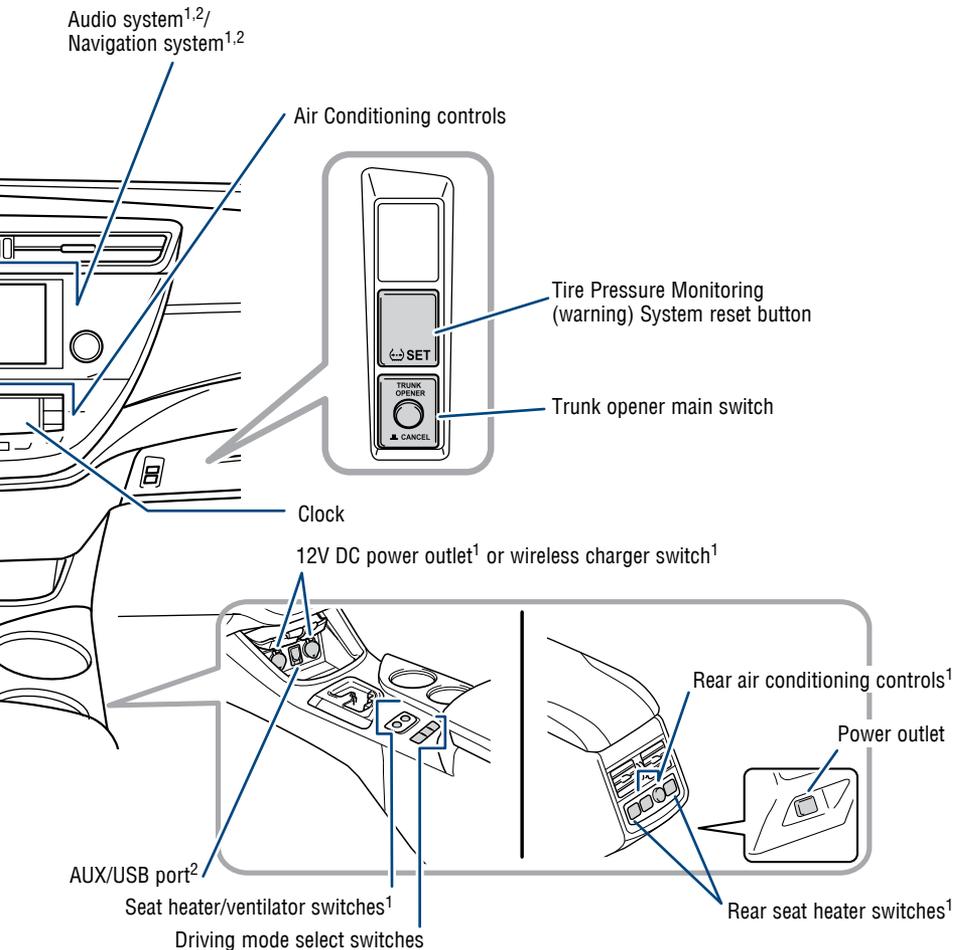
OVERVIEW

Instrument panel

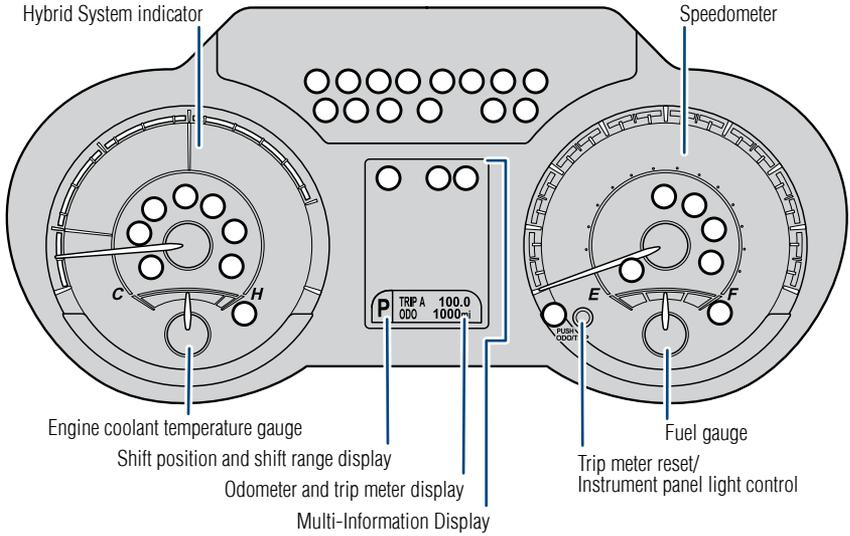


¹ If equipped.

² For details, refer to the “Navigation System Owner’s Manual” and “2018 Entune™ Audio Quick Reference Guide.”



Instrument cluster



○ Service indicators and reminders

Indicator symbols

For details, refer to “Indicators and warning lights,” Section 2-2, 2018 Owner’s Manual.

	“AIR BAG ON/OFF” indicator ¹		Cruise control indicator ²
	Airbag SRS warning ¹		Cruise control SET indicator
	Anti-lock Brake System warning ¹		Dynamic Radar Cruise Control indicator ³
	Arrow direction indicates fuel tank door position		ECO drive mode indicator
	Automatic High Beam indicator		EV drive mode indicator
	Brake system warning ¹		EV indicator
	Brake system warning ¹		
	Charging system warning ¹		

	Electric power steering system warning ¹
	Headlight high beam indicator
	Headlight low/high beam indicator
	LDA (Lane Departure Alert with steering control) indicator
	Low engine oil pressure warning ¹
	Low fuel level warning
	Low Tire Pressure Warning ¹
	Malfunction/Check Engine indicator ¹
	Master warning ¹
	Open door warning
	Pre-Collision System (PCS) warning ¹
	“READY” indicator
	Seat belt reminder (alarm sounds for speeds over 12 mph)
	Security indicator
	Slip indicator/Hill-start Assist Control indicator ^{1,4}
	SPORT mode indicator
	Turn signal indicator
	Vehicle Stability Control OFF indicator ¹

¹ 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.

² If this light flashes, refer to “Cruise control,” Section 4-5, 2018 Owner’s Manual.

³ If this light flashes, refer to “Dynamic Radar Cruise Control,” Section 4-5, 2018 Owner’s Manual.

⁴ The indicator flashes to indicate that the system is operating.

OVERVIEW

Keyless entry

UNLOCKING OPERATION



Push
ONCE: Driver door
TWICE: All doors

Carry remote
Smart key feature

Front door unlock*

Grasp



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

LOCKING OPERATION

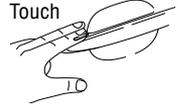


Push

Carry remote
Smart key feature

Front door lock

Touch



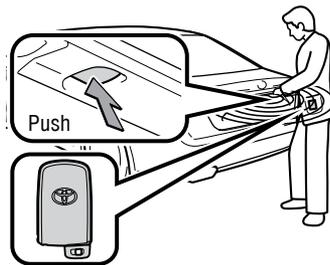
PANIC BUTTON



HOLD
Push and hold



TRUNK LOCKING/UNLOCKING



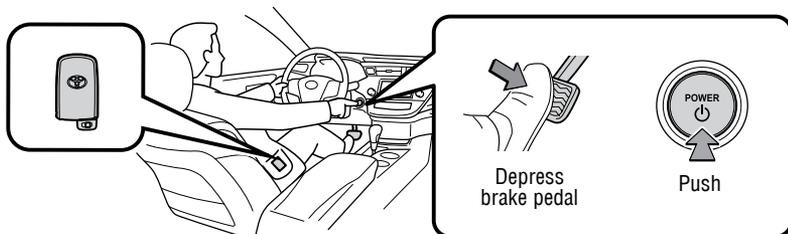
Carry remote
Smart key feature

* Driver door unlocking function can be programmed to unlock driver door only, or all doors. In some models, grasping front passenger door handle will unlock all doors. *Please refer to the Owner's Manual for more details on how to program the doors.*

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

Smart Key system (if equipped)

START FUNCTION



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

POWER (WITHOUT STARTING HYBRID SYSTEM)

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

ACCESSORY

Audio and some accessories will operate.

ON

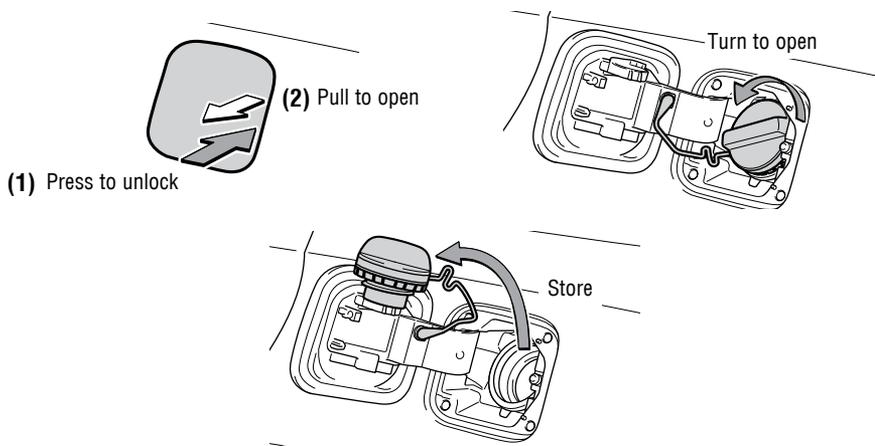
Power ON; all electrical systems can be used.

OFF

All systems OFF; emergency flashers can be used.

Fuel tank door release & cap

The fuel tank door locks/unlocks with the vehicle's doors.

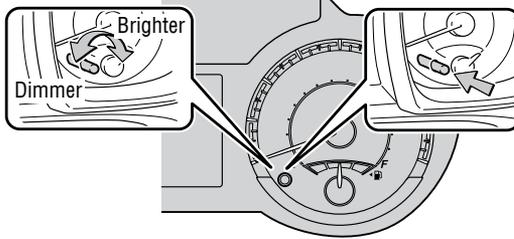


NOTE: Tighten until one click is heard. If the cap is not locked or tightened, Check engine “” indicator may illuminate.

OVERVIEW

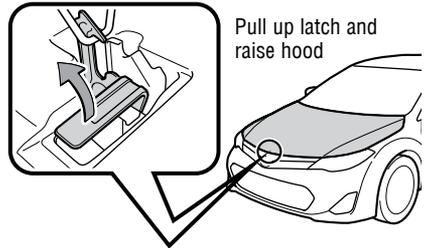
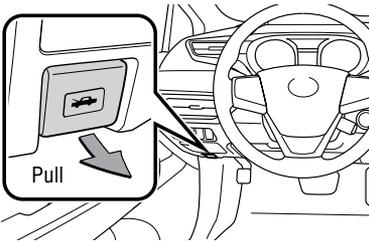
Instrument panel light control/ Trip meter display

Turn
Brightness control

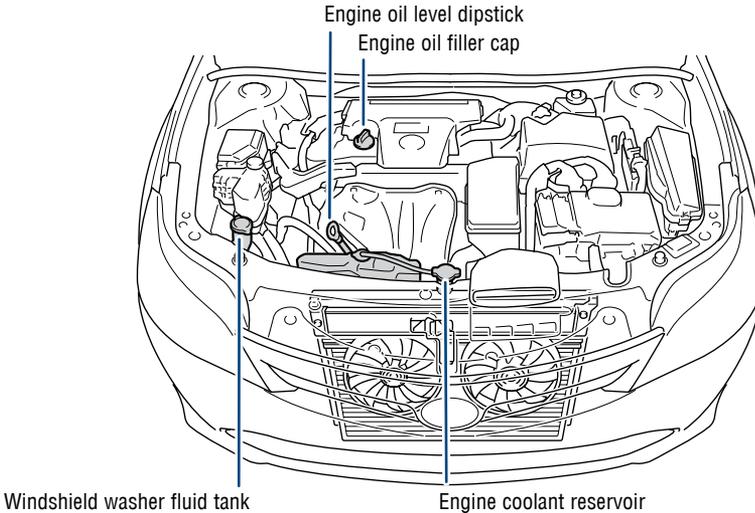


Push
Switch "A" and "B"

Hood release



Engine maintenance



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

FEATURES & OPERATIONS

Hybrid Synergy Drive System

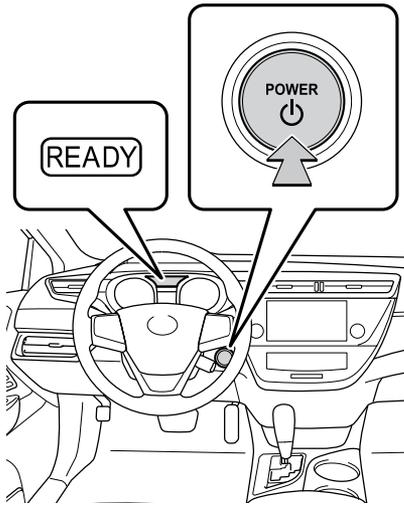
The Hybrid Synergy Drive System utilizes a computer-controlled gasoline engine and electric motor to provide the most efficient combination of power for the vehicle. To conserve energy, when the brakes are applied the braking force generates electricity which is then sent to the traction battery. In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

NOTE: Fuel consumption and energy information of the Hybrid System are shown on the Multi-Information Display (MID) and/or display audio system/navigation system screen (if equipped).

TIPS FOR IMPROVED FUEL ECONOMY

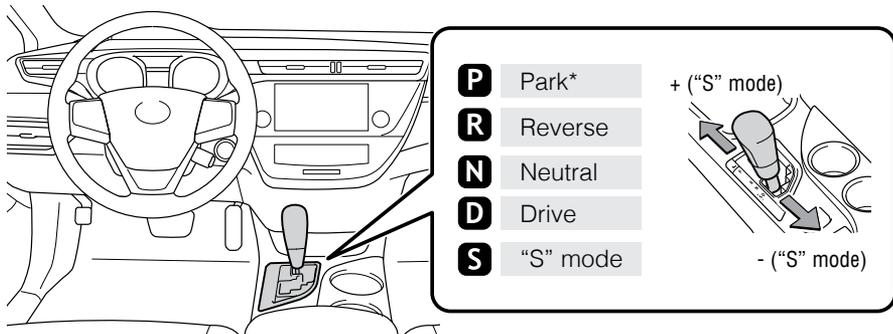
1. Ensure tire pressures are maintained at levels specified in the Owner's Manual.
2. Link trips to reduce engine cold starts whenever possible.
3. Avoid driving at speeds that are higher than necessary, especially on the highway.
4. When possible, avoid sudden stops to maximize regenerative braking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

STARTING THE HYBRID SYSTEM



- (1) Put the selector lever in "P."
- (2) Depress the brake pedal, and messages indicating how to start the hybrid will be displayed on the Multi-Information Display.
- (3) Press the "POWER" switch briefly and firmly.
- (4) The "READY" light will blink. After a few seconds, when the light remains steady and a beep sounds, you may begin driving.

Hybrid transmission



* The "POWER" switch/ignition 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.

Auto lock/unlock

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

Shift position linked door locking/unlocking function

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

Speed linked door locking function

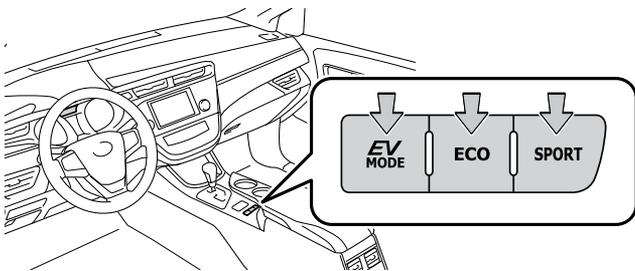
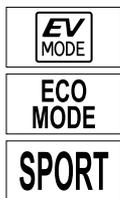
- Doors lock when the vehicle speed goes above approximately 12 mph (20 km/h).

Driver's door linked door unlocking function

- 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.

Driving mode select



EV drive mode

EV drive mode allows the electric motor (traction motor), powered by the hybrid battery (traction battery), to be used to drive the vehicle under certain driving conditions.

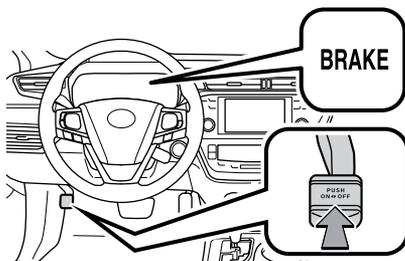
ECO drive mode

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

SPORT mode

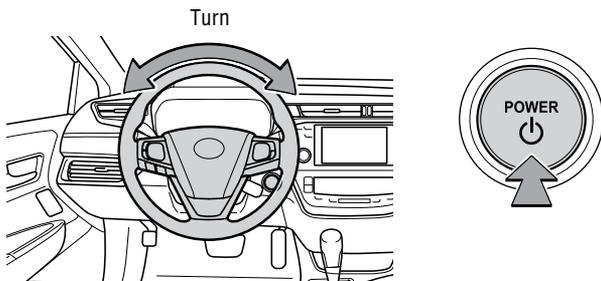
Use when increased acceleration response and precise handling is desired; for example, when driving on mountain roads.

Parking brake



Set: Depress
Release: Depress again

Steering lock release



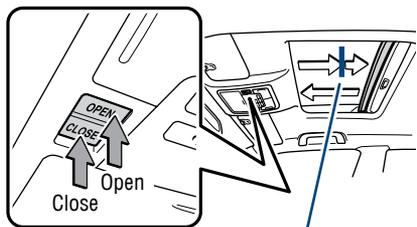
Gently turn steering wheel while pressing the "POWER" switch. If the lock does not release, a message informing the driver that the steering wheel is locked will be displayed on the Multi-Information Display (MID).

FEATURES & OPERATIONS

Moon roof (if equipped)

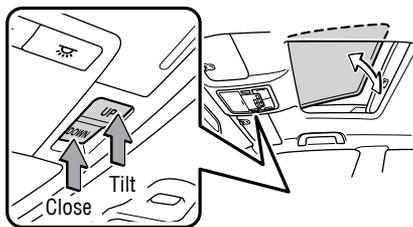
SLIDING OPERATION

Push once to open partway; again to open completely.



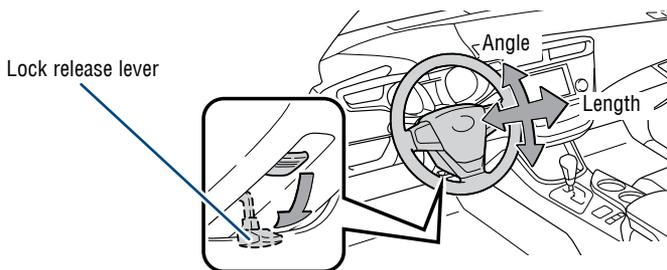
Recommended open position to minimize wind noise.

TILTING OPERATION



Push once to open; moon roof will automatically stop at the recommended position. Push again to open completely.

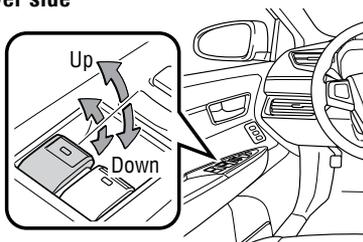
Tilt & telescopic steering wheel



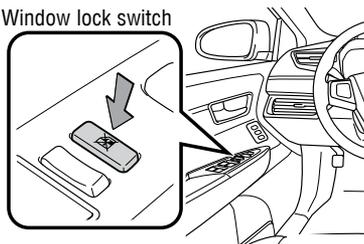
Hold wheel, push lever down, set angle and length, and return lever.

Windows-Power

Driver side



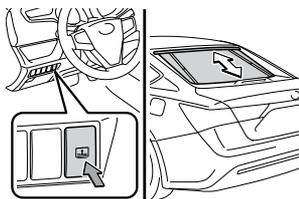
Window lock switch



Automatic operation 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.

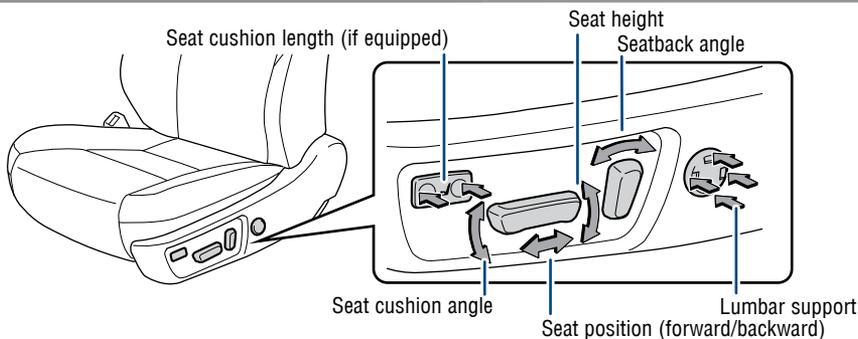
Window lock switch Deactivates all passenger windows. Driver remains able to operate all windows.

Rear sunshade (if equipped)

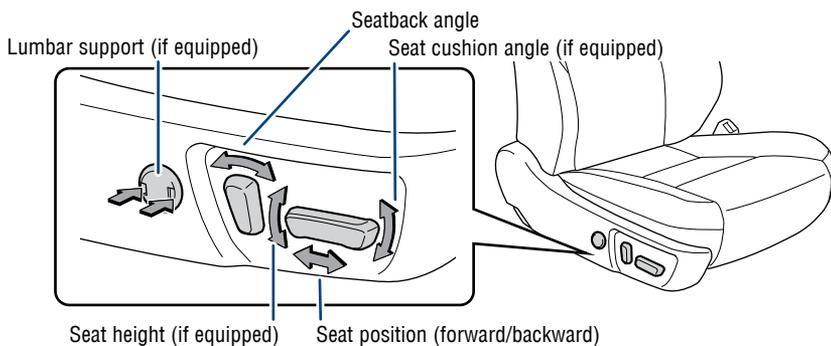


Seat adjustments-Front

DRIVER'S SEAT

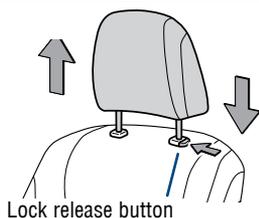


PASSENGER'S SEAT

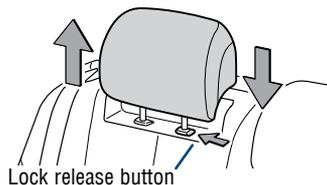


Seats-Head restraints

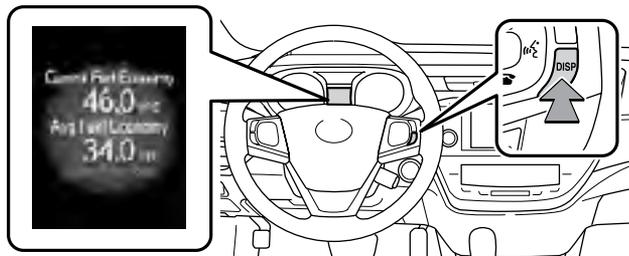
Front



Rear



Multi-Information Display (MID)



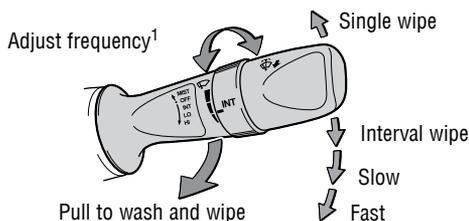
Push “DISP” to scroll through the following information screens:

- | | |
|---|---|
| (1) Trip information | (7) Lane Departure Alert (LDA) |
| (2) Settings | (8) Pre-Collision System (PCS) |
| (3) Energy Flow | (9) Tachometer |
| (4) Warning and reminder messages | (10) Tire Pressure (warning) Monitoring System (TPMS) |
| (5) Cruise control display | |
| (6) Dynamic Radar Cruise Control (DRCC) display | |

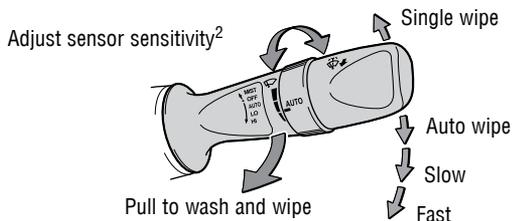
Refer to the Owner's Manual for more settings and customizable features.

Windshield wipers & washers

WITH INTERMITTENT WIPER (IF EQUIPPED)



WITH AUTO RAIN-SENSING WIPER (IF EQUIPPED)



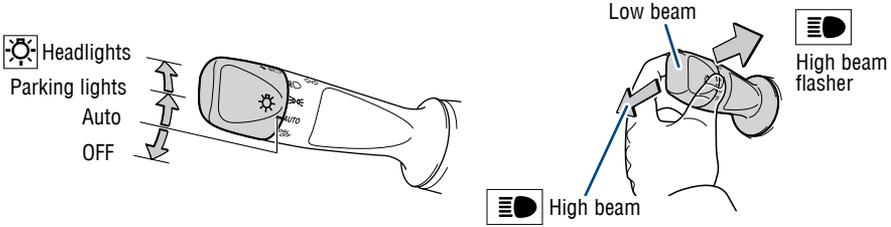
¹ **Intermittent windshield wiper frequency adjustment** Rotate to increase/decrease wipe frequency.

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

Refer to the Owner's Manual for more information.

Lights & turn signals

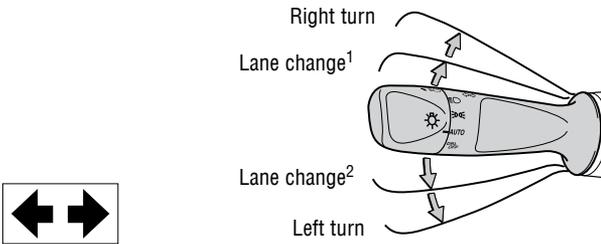
HEADLIGHTS



Daytime Running Light system (DRL) Automatically turns on the headlights to make vehicle more visible to other drivers. Not for use at night.

Automatic light cut off system When the headlights are on: Automatically turns lights off after 30-second delay, or lock switch on remote may be pushed after locking. When the tail lights are on, it automatically turns lights off when driver's door is opened.

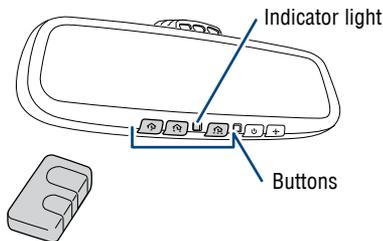
TURN SIGNALS



¹ The right hand signals will flash three times.

² The left hand signals will flash three times.

Garage door opener (HomeLink®) (if equipped)



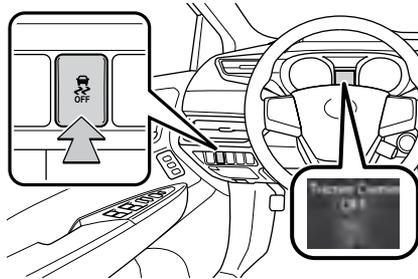
Garage door openers manufactured under license from HomeLink®* can be programmed to operate garage doors, estate gates, security lighting, etc.

Refer to "Garage door opener," Section 5-4 in the Owner's Manual for more details.

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

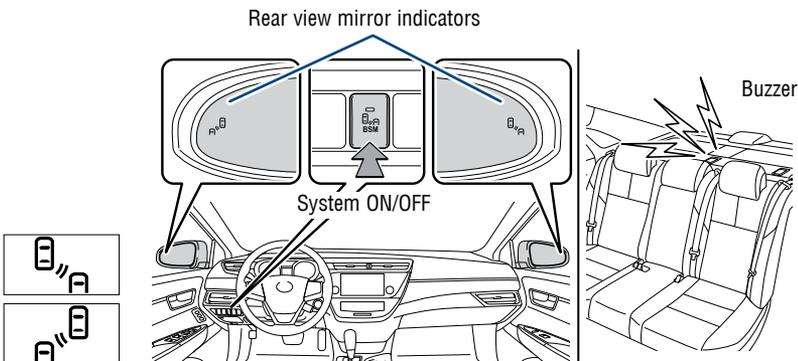
* HomeLink® is a registered trademark of Johnson Controls, Inc.

Traction control (TRAC) OFF



To disable the system, press “TRAC OFF” and a message will be shown on the Multi-Information Display (MID). Press the switch again to turn the system back on.

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



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

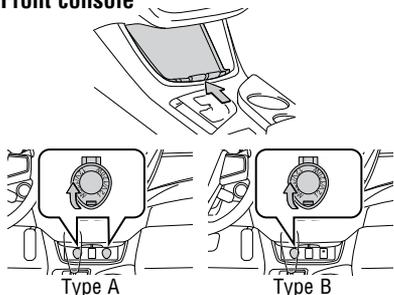
- The Blind Spot Monitor function (assists the driver in making the decision when changing lanes)
- The Rear Cross Traffic Alert function (assists the driver when backing up)

The system is designed to use radar sensors to detect vehicles traveling in the Avalon’s blind spot and advises the driver of the vehicles’ presence via the outside rear view mirror indicators.

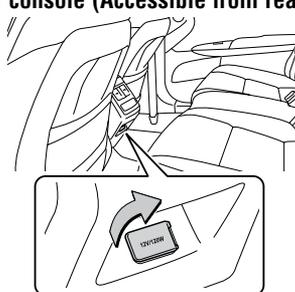
Refer to the Owner’s Manual for limitations and more details on this system before attempting to use it.

Power outlets - 12V DC (if equipped)

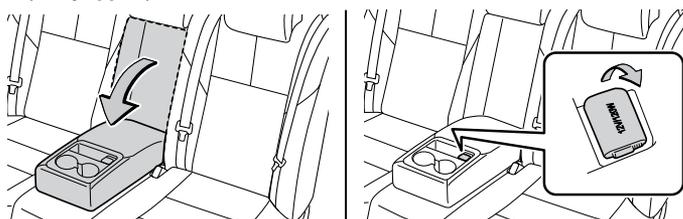
Front console



Center console (Accessible from rear seat)

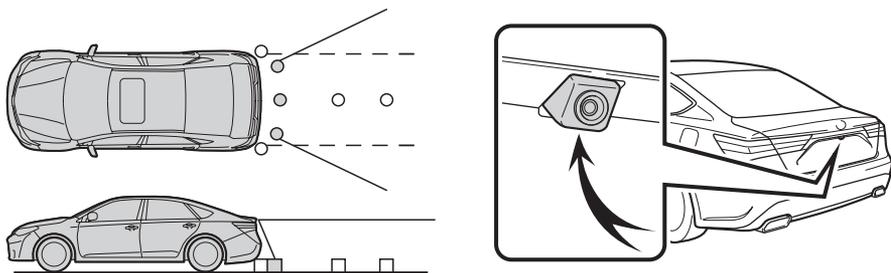


Rear armrest (if equipped)



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

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 "APPS" button and select "Display" on the "Setup" screen. Select "Camera" to adjust the screen contrast and brightness.

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

Air conditioning/heating

FRONT CONTROL PANEL

Type A

Temperature selector (driver side) Windshield airflow/defogger Outside rearview mirror/ Rear defogger Temperature selector (passenger side)

Airflow vent mode
In " " mode, use outside air (" " indicator ON) to reduce window fogging.

Automatic climate control ON
Adjusting the temperature setting will cause the airflow vents, air intake and fan to adjust automatically.

"SYNC" button Indicator ON: Synchronized temperature settings for driver, passengers and rear seat (if equipped).
Indicator OFF: Separate temperature settings for driver and passengers.

Climate control OFF Air Conditioning ON/OFF Fan speed Recirculate cabin air (outside air when OFF)

Type B

Temperature selector (driver side) Windshield airflow/defogger Outside rearview mirror/ Rear defogger Temperature selector (passenger side)

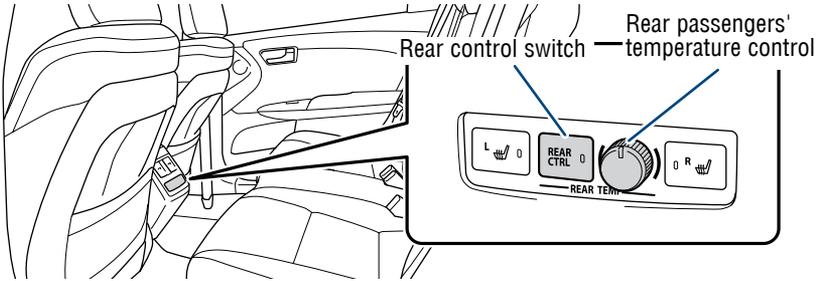
Airflow vent mode
In " " mode, use outside air (" " indicator ON) to reduce window fogging.

Automatic climate control ON
Adjusting the temperature setting will cause the airflow vents, air intake and fan to adjust automatically.

"SYNC" button Indicator ON: Synchronized temperature settings for driver, passengers and rear seat (if equipped).
Indicator OFF: Separate temperature settings for driver and passengers.

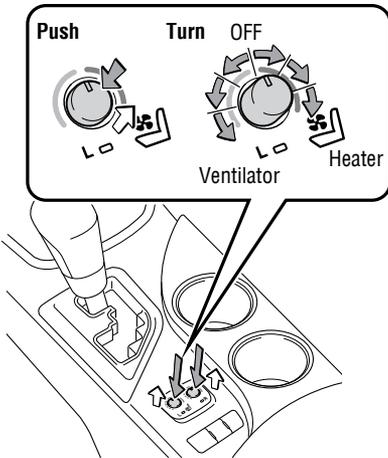
Climate control OFF Air Conditioning ON/OFF Fan speed Recirculate cabin air (outside air when OFF)

REAR CONTROL PANEL (IF EQUIPPED)



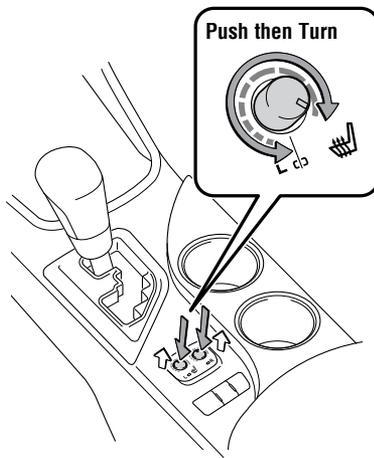
Seat ventilators/heaters (if equipped)

Heater and ventilator



To operate, push knob to pop the controller out. Then, turn clockwise for heater or turn counter-clockwise for ventilator.

Heater only



To operate, push knob to pop the controller out. Then, turn clockwise to change heater temperature from low to high.

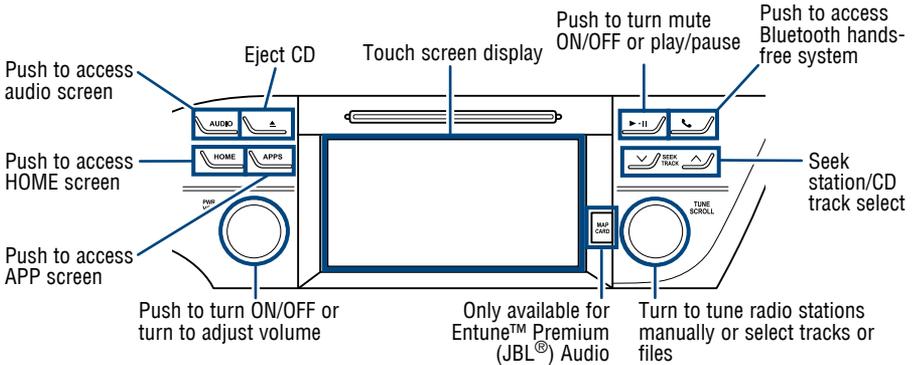
Note: Press to lock when not in use.

FEATURES & OPERATIONS

Audio*

ENTUNE™ AUDIO PLUS WITH CONNECTED NAVIGATION APP

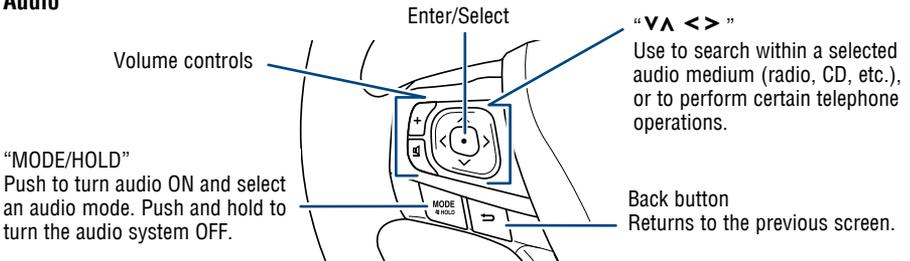
ENTUNE™ PREMIUM (JBL®) AUDIO WITH INTEGRATED NAVIGATION AND APP SUITE



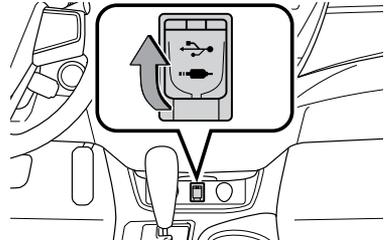
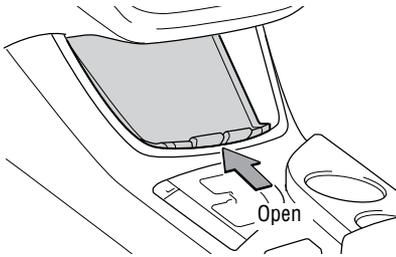
For details, refer to the “Navigation System Owner’s Manual” and “2018 Entune™ Audio Quick Reference Guide.”

Steering wheel switches

Audio



USB/AUX port



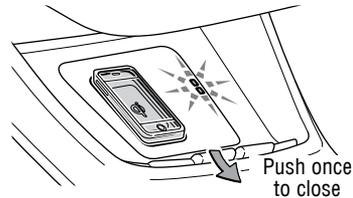
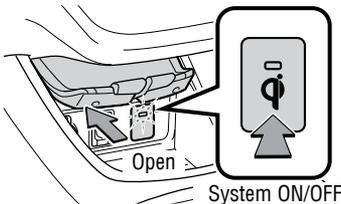
USB port

By connecting a USB-compatible portable audio device or USB memory stick to the USB port, you can listen to music from the portable audio device or USB memory stick 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.

Wireless charger (if equipped)

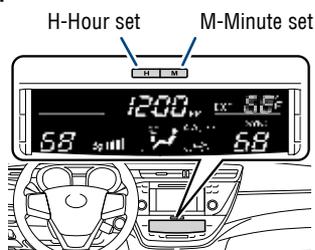


A mobile device with the "Qi" logo can be charged wirelessly. Charging can only be performed with the "POWER" switch in ACCESSORY or ON mode. Place a mobile device on the tray. One LED indicator is illuminated while charging and two LED indicators are illuminated when the charging is complete.

FEATURES & OPERATIONS

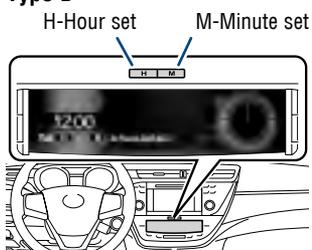
Clock

Type A



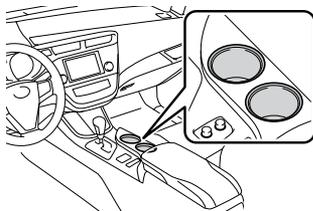
H-Hour set
M-Minute set

Type B



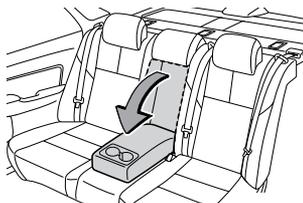
Cup holders

FRONT

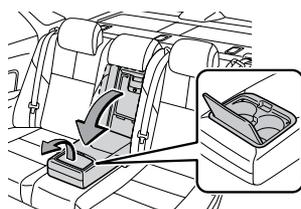


REAR

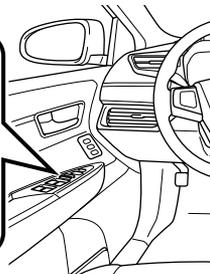
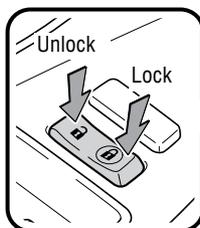
Type A



Type B



Door locks



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

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

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



Pre-Collision System with Pedestrian Detection function (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.



Advanced millimeter-wave radar sensor system is designed to work with the camera sensor to help recognize a preceding pedestrian, and provide an alert, mitigation and/or avoidance support in certain conditions.



Lane Departure Alert with Steering Assist function (LDA w/SA)
LDA w/SA is designed to provide notification when the system detects an unintended lane departure.

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



Dynamic Radar Cruise Control (DRCC)

DRCC is designed to help maintain a pre-set distance to a preceding vehicle when the preceding vehicle is traveling at a lower speed.

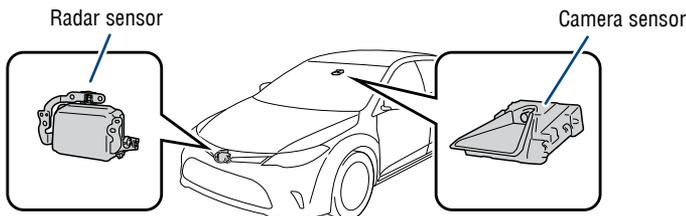


Automatic High Beams (AHB)

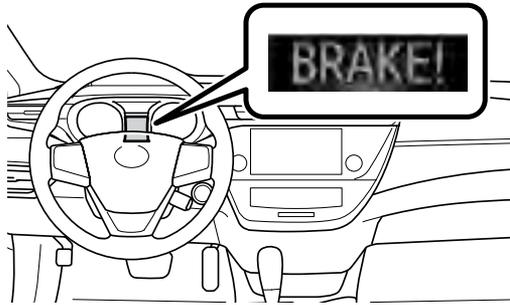
AHB is designed to detect the headlights of oncoming vehicles and the tail lights of preceding vehicles and switch between high beams and low beams as appropriate.

Sensors

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



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



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

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

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

Pre-Collision Warning

When the system determines that the possibility of a frontal collision is high, a buzzer will sound and a warning message will be displayed on the Multi-Information Display (MID) to urge the driver to take evasive action.

Pre-Collision Brake Assist

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

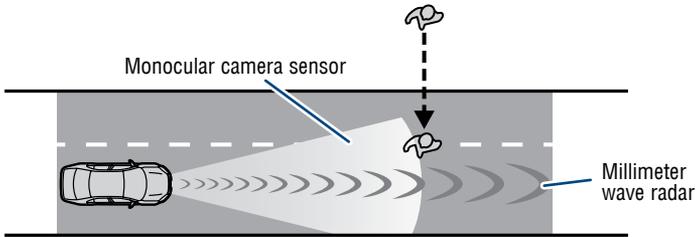
Pre-Collision Braking

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

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

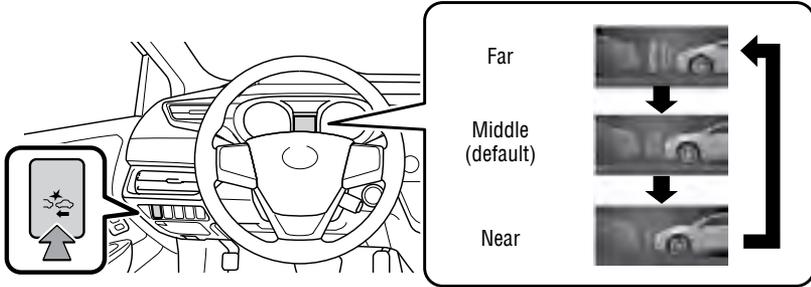
PEDESTRIAN DETECTION FUNCTION

In certain conditions, the PCS system included with the TSS-P package may also help to detect a pedestrian in front of your vehicle. With Toyota Safety Sense™ P, PCS uses an in-vehicle camera and front-grill mounted millimeter-wave radar to help detect a pedestrian in front of your vehicle in certain conditions. The in-vehicle camera of PCS detects a potential pedestrian based on size, profile, and motion of the detected pedestrian. However, a pedestrian may not be detected depending on the conditions, including the surrounding brightness and the motion, posture, size, and angle of the potential detected pedestrian, preventing the system from operating or engaging. *Refer to a Toyota Owner's Manual for additional information.*



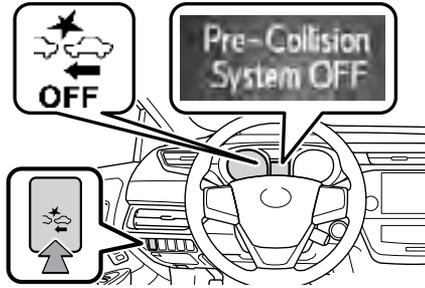
As part of the Pre-Collision System, this function is also designed to first provide an alert and then automatic braking if needed.

CHANGING THE PCS ALERT TIMING



- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “<>” switches and select  from the MID and then press “(O)”. The setting screen is displayed.
- (3) Press “(O)” each time to change the setting. Each time it is pressed, the response to the PCS alert timing changes as shown above. You can press “(B)” to go back to the menu.

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

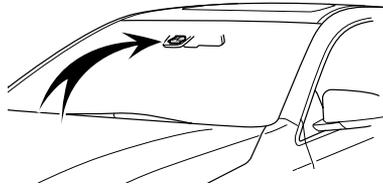


Press the PCS switch for 3 seconds or more to turn it off. The warning light and message displays in the MID. Depress it again to turn it back on.

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

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

Lane Departure Alert with Steering Assist function (LDA w/SA)



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

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

In addition to the alert function, LDA w/SA also features a steering assist function. When enabled, if the system determines that the vehicle is on a path to unintentionally depart from its lane, the system may provide small corrective steering inputs to the steering wheel for a short period of time to help keep the vehicle in its lane.

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.

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

DISABLING THE STEERING ASSIST FUNCTION

- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “⏏” switches and select the  setting function and then press “⊙”.
- (3) Press “⊙” each time to change the setting.
- (4) Press “➡” to go back to the menu.

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

ADJUSTING THE LDA ALERT SENSITIVITY

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

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

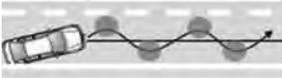
Normal - Is designed to warn approximately when the front tire crosses the lane marker.

- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “⏏” switches and select the  setting function and then press “⊙”.
- (3) Press “⊙” each time to change the setting.
- (4) Press “➡” to go back to the menu.

VEHICLE SWAY WARNING SYSTEM (SWS) FUNCTION



Continuous lane deviations from swaying.



Gentle swaying from driver's inattentiveness.



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

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

DISABLING SWS

- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “<” switches and select the  setting function and then press “<”.”
- (3) Press “<”” each time to change the setting.
- (4) Press “<”” to go back to the menu.

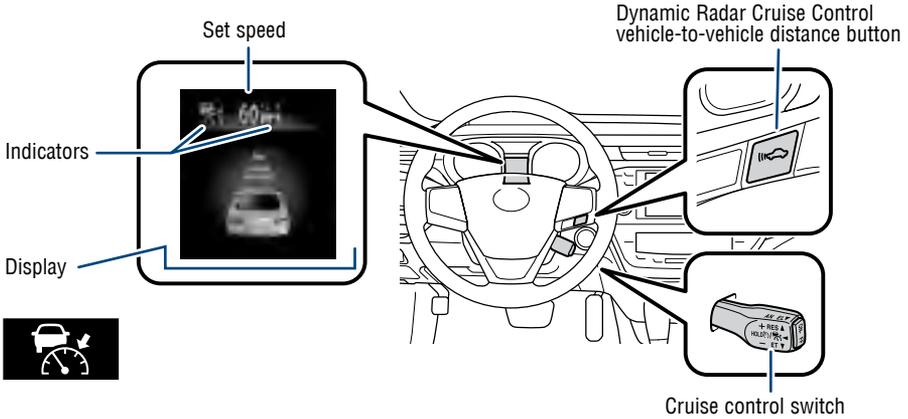
Note: Operation of the LDA system and setting adjustments continues in the same condition regardless of ignition cycle until changed by the driver or the system is reset.

ADJUSTING SWAY ALERT SENSITIVITY

- (1) Press “<>” switches and select  from the Multi-Information Display (MID).
- (2) Press “<” switches and select the  setting function and then press “<”.”
- (3) Press “<”” each time to change the setting.
- (4) Press “<”” to go back to the menu.

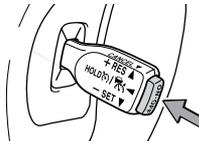
Dynamic Radar Cruise Control (DRCC)

DRCC helps maintain a pre-set distance to a preceding vehicle when the preceding vehicle is traveling at a lower speed. This mode is always selected first when the cruise control button is depressed. Constant speed cruise control mode is also available.



TURNING SYSTEM ON/OFF

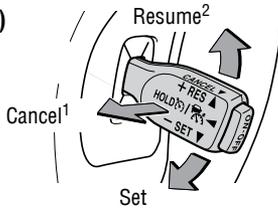
(1)



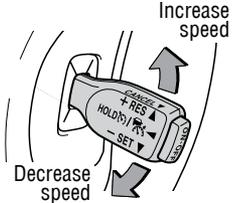
Note: If DRCC is turned off and you hold the ON-OFF button for at least 1.5 seconds, the system switches to constant speed control mode.

ADJUSTING SET SPEED

(2)



(3)

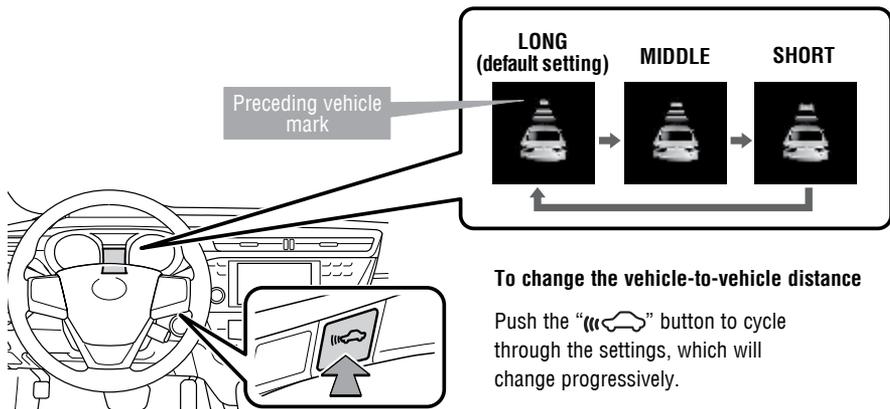


Vehicle will cruise at a set speed, decelerate to maintain selected distance from a slower vehicle traveling in front and accelerate back up to the selected speed if the vehicle in front changes lanes or speeds up.

- (1) Push the ON-OFF button. The "RADAR READY" 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 (1 mph increments).

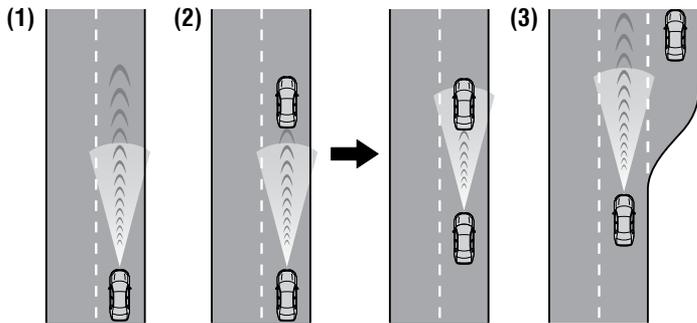
¹ The set speed may also be cancelled by depressing the brake pedal.

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



This mode employs a radar sensor to detect the presence of a preceding vehicle up to approximately 328 ft (100m) ahead, determines the current vehicle-to-vehicle following distance and operates to maintain a suitable following distance from the vehicle ahead. These distances vary based on vehicle speed.

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



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

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

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

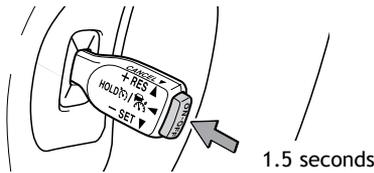
When a vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies the brakes (the stop lights will come on at this time). The system will respond to changes in the speed of the vehicle ahead in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

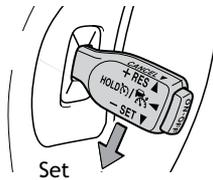
SWITCHING TO CONSTANT SPEED CONTROL MODE



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 DRCC.

SETTING CONSTANT SPEED CONTROL



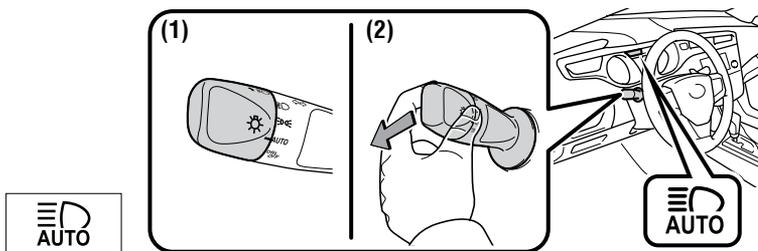
To adjust speed or cancel, see steps (2) and (3) of ADJUSTING SPEED on page 30.

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

Automatic High Beams (AHB)



AHB is a safety system designed to help drivers see more of what's ahead at nighttime without dazzling other drivers. When enabled, AHB uses an in-vehicle camera to help detect the headlights of oncoming vehicles and tail lights of preceding vehicles, then automatically switches between high and low beams as appropriate to provide the most light possible and enhance forward visibility. By using high beams more frequently, the system may allow earlier detection of pedestrians and obstacles.

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

ACTIVATING THE AHB SYSTEM

- (1) With the engine switch in IGNITION ON mode, turn the headlight switch to "AUTO" position.
- (2) Push lever away from you.

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

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

The AHB indicator will turn off. To turn switch to "D" position and the manual high beam indicator "☰●" turns on.

CONDITIONS WHERE AHB WILL TURN ON/OFF AUTOMATICALLY

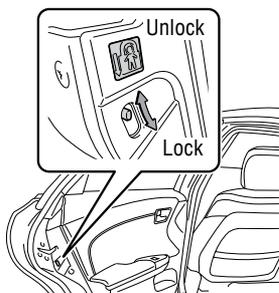
When all of these conditions are met, high beams will be automatically turned on (after approximately 1 second):

- Vehicle speed is above approximately 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.
- There are few street lights on the road ahead.

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

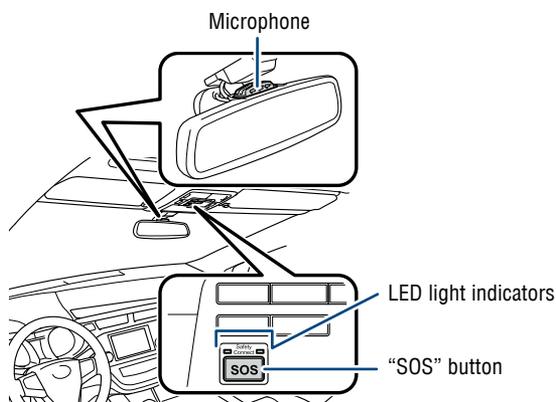
- Vehicle speed drops below approximately 19 mph (30 km/h.)
- The area ahead of the vehicle is not dark.
- Oncoming or preceding vehicles have headlights or tail lights turned on.
- There are many streetlights on the road ahead.

Doors-Child protector rear door locks



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

Safety Connect (if equipped)



Safety Connect is a subscription-based telematics service that uses Global Positioning System (GPS) data and embedded cellular technology to provide safety and security features to subscribers. Safety Connect is supported by Toyota's designated response center, which operates 24 hours per day, 7 days per week.

Services for subscribers include:

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

Contact your dealer for more information about Safety Connect.

For details, refer to the "Owner's Manual" and "2018 Entune™ Audio Quick Reference Guide."

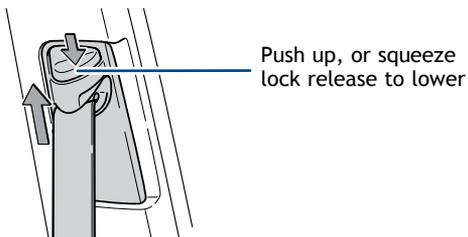
Seat belts



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

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

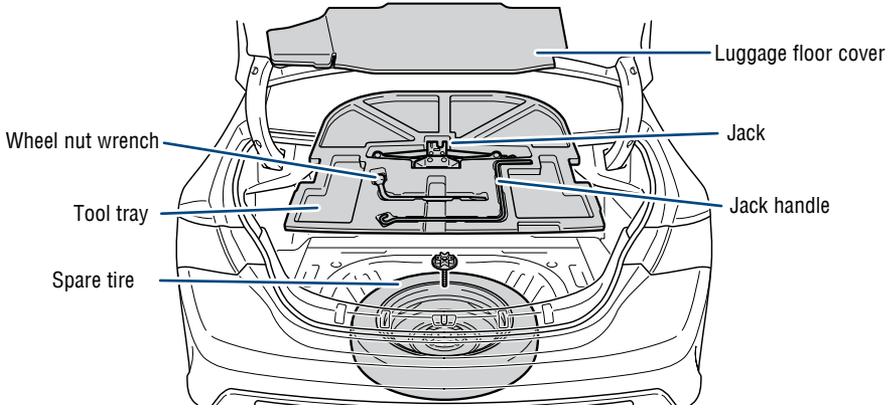
Seat belts-Shoulder belt anchor



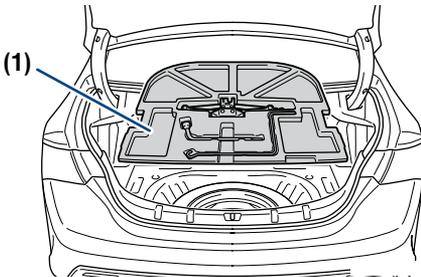
SAFETY & EMERGENCY FEATURES

Spare tire & tools

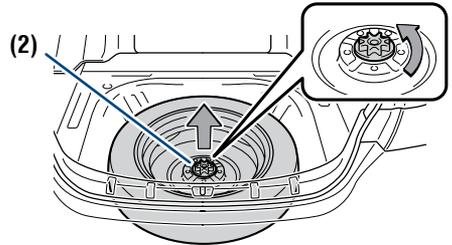
TOOL LOCATION



REMOVE THE SPARE TIRE



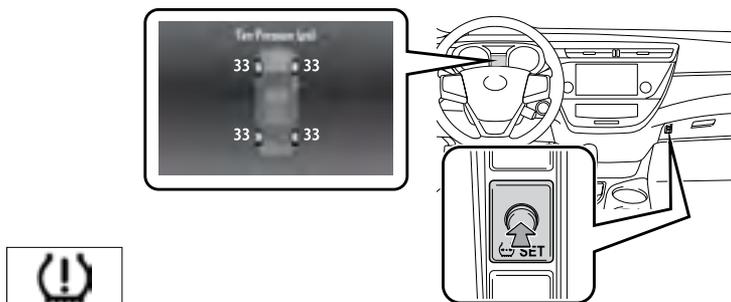
(1) Remove the tool tray.



(2) 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)



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.

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

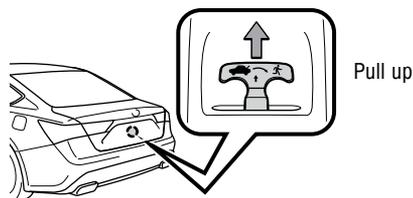
After adjusting tire pressures, or after tires have been rotated or replaced, turn the “POWER” switch to IGNITION ON mode and press and hold the “ SET” button until indicator blinks three times. Let the vehicle sit for a few minutes to allow initialization to complete.

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.

Trunk-Internal release



SAFETY & EMERGENCY FEATURES

Star Safety System™

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

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

ANTI-LOCK BRAKE SYSTEM (ABS)

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

BRAKE ASSIST (BA)

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

ELECTRONIC BRAKE FORCE DISTRIBUTION (EBD)

Toyota's ABS technology has Electronic Brake-force Distribution (EBD) to help maintain control and balance when braking. 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.

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.

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.

VEHICLE STABILITY CONTROL (VSC)

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

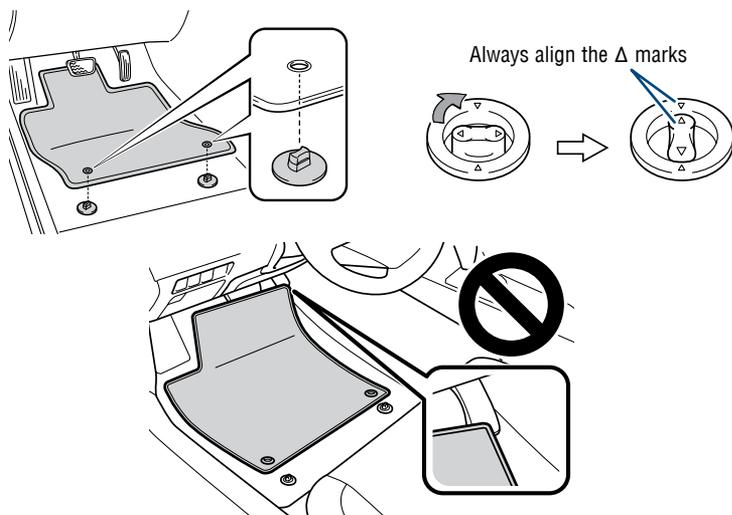
Toyota's VSC monitors steering angle and the direction your vehicle is traveling. When it senses that the front or rear wheels begin to lose traction, VSC reduces engine power and applies braking to selected wheels. This helps restore traction and vehicle control.

Floor mat installation

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

To keep your floor mat properly positioned, follow these steps:

- Only use Toyota floor mats designed for your specific model.
- Use only one floor mat at a time, using the retaining hooks to keep the mat in place.
- Install floor mats right side up.



BLUETOOTH® DEVICE PAIRING SECTION

Do not attempt the Bluetooth® Pairing process while driving.

To begin the Bluetooth® Pairing process, press the HOME button on the faceplate of your Toyota 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. Entune™ Premium Audio screens are shown in this section. Screens and features may vary by Entune™ system.

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

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

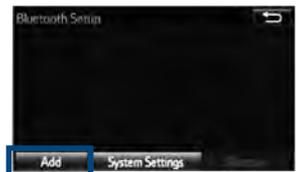
On your Toyota Vehicle Entune Multimedia Head Unit, Select **SETUP BUTTON** on the Home Screen.



STEP 7

Select **BLUETOOTH**.

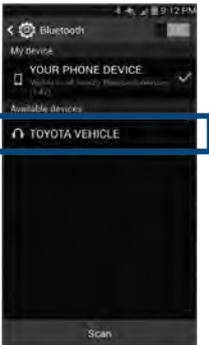
Image shown is a sample image, features may vary.



STEP 8

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

For Entune™ Audio System, press the **SETUP BUTTON** on the faceplate to access the Setup Screen.



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.

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

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

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

Bluetooth® Pairing for iPhone and Entune™ touch screen system

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

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



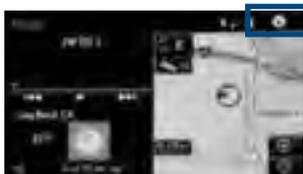
STEP 4
Your iPhone will seek out Bluetooth devices while remaining discoverable.



STEP 5
While your iPhone device is seeking out Bluetooth devices, proceed to your Entune Multimedia Head Unit on your Toyota vehicle.

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.

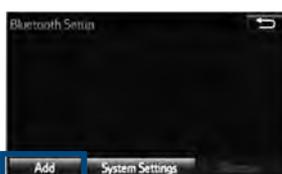
For Entune™ Audio System, press the **SETUP BUTTON** on the faceplate to access the Setup Screen.



STEP 7

Select **BLUETOOTH**.

Image shown is a sample image, features may vary.



STEP 8

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



STEP 9

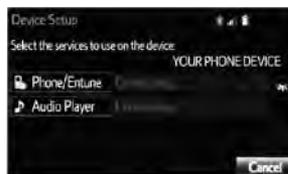
Back on your smartphone, you can now select your **TOYOTA VEHICLE** in Bluetooth Settings.

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



STEP 10

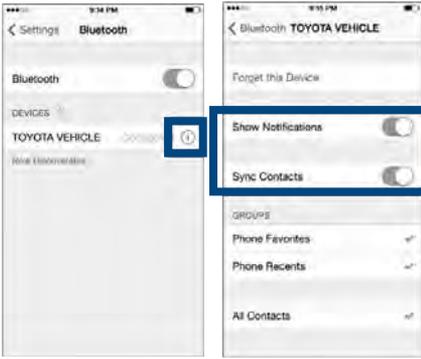
Your smartphone is now paired with Entune.



STEP 11

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

BLUETOOTH® DEVICE PAIRING



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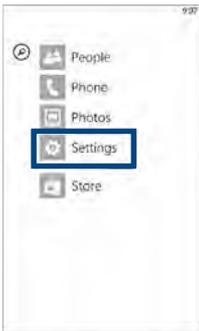
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4. Apps/services vary by phone/carrier; functionality depends on many factors. Select apps use large amounts of data; you are responsible for charges. Apps & services subject to change. See Toyota.com/entune for details.

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

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

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



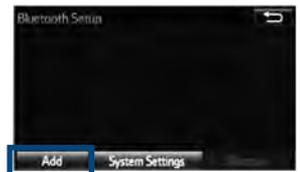
STEP 5

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

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

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

For Entune™ Audio System, press the **SETUP BUTTON** on the faceplate to access the Setup Screen.

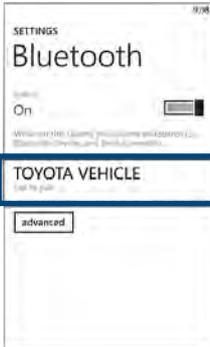
STEP 7

Select **BLUETOOTH**.

Image shown is a sample image, features may vary.

STEP 8

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



STEP 9

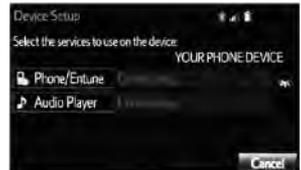
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You may need to enter the provided Bluetooth PIN on your phone.



STEP 10

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STEP 11

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

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

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