



AVALON HYBRID

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QUICK REFERENCE GUIDE



# 2017

## 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 Sales, U.S.A., 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.

# INDEX

## OVERVIEW

Engine maintenance	8
Fuel tank door release & cap	7
Hood release	8
Indicator symbols	4-5
Instrument cluster	4
Instrument panel	2-3
Keyless entry <sup>1,2</sup>	6
Light control-Instrument cluster/	
Trip meter display	8
Smart Key system <sup>1,2</sup>	7

## FEATURES & OPERATIONS

Air conditioning/heating	18-19
Audio	20
Auto lock/unlock <sup>2</sup>	10
Blind Spot Monitor (BSM) with	
Rear Cross Traffic Alert (RCTA)	17
Clock	22
Cruise control	16
Cup holders	22
Door locks	22
Driving mode select	11
Garage door opener (HomeLink®) <sup>3</sup>	15
Hybrid Synergy Drive System	9
Hybrid transmission	10
Lights <sup>1</sup> & turn signals	15
Moon roof	12
Multi-Information Display (MID) <sup>2</sup>	14
Parking brake	11
Power outlets-12V DC	17
Seat adjustments-Front	13
Seat ventilators/heaters	19
Seats-Head restraints	13
Steering lock release	11
Steering wheel switches	20
Tilt & telescopic steering wheel	11
Traction control (TRAC) OFF	16

## FEATURES & OPERATIONS (continued)

USB/AUX port	21
Windows-Power	12
Windshield wipers & washers	14
Wireless charger	21

## TOYOTA SAFETY SENSE™ P (TSS-P)

Automatic High Beams (AHB)	33
Dynamic Radar	
Cruise Control (DRCC)	30-32
Lane Departure Alert with Steering	
Assist function (LDA w/SA)	26-29
Pre-Collision System Pedestrian	
Detection function (PCS w/PD)	24-26
Quick overview-	
Toyota Safety Sense™ P (TSS-P)	23
Sensors	23

## SAFETY & EMERGENCY FEATURES

Doors-Child safety locks	34
Floor mat installation	37
Seat belts	33
Seat belts-Shoulder belt anchor	35
Spare tire & tools	36
Star Safety System™	37-38
Tire Pressure Monitoring	
(warning) System (TPMS)	35
Trunk-Internal release	36

## BLUETOOTH® DEVICE PAIRING SECTION

40-49

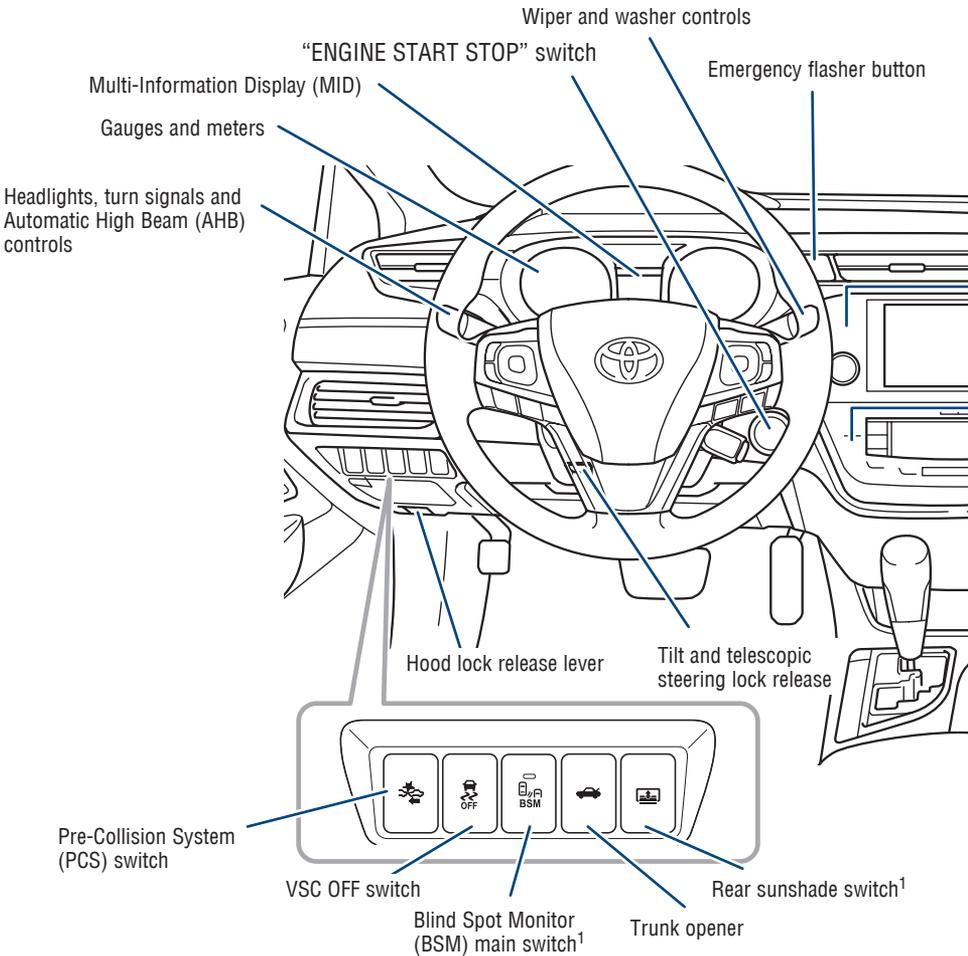
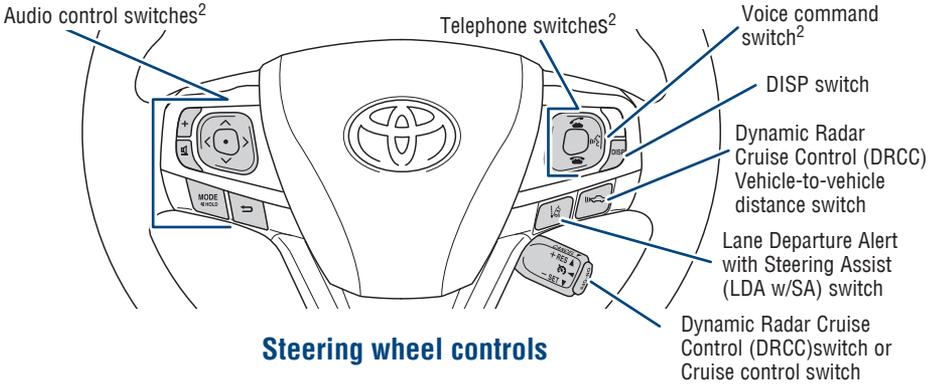
<sup>1</sup> Visit your Toyota dealer for information on customizing this feature.

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

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

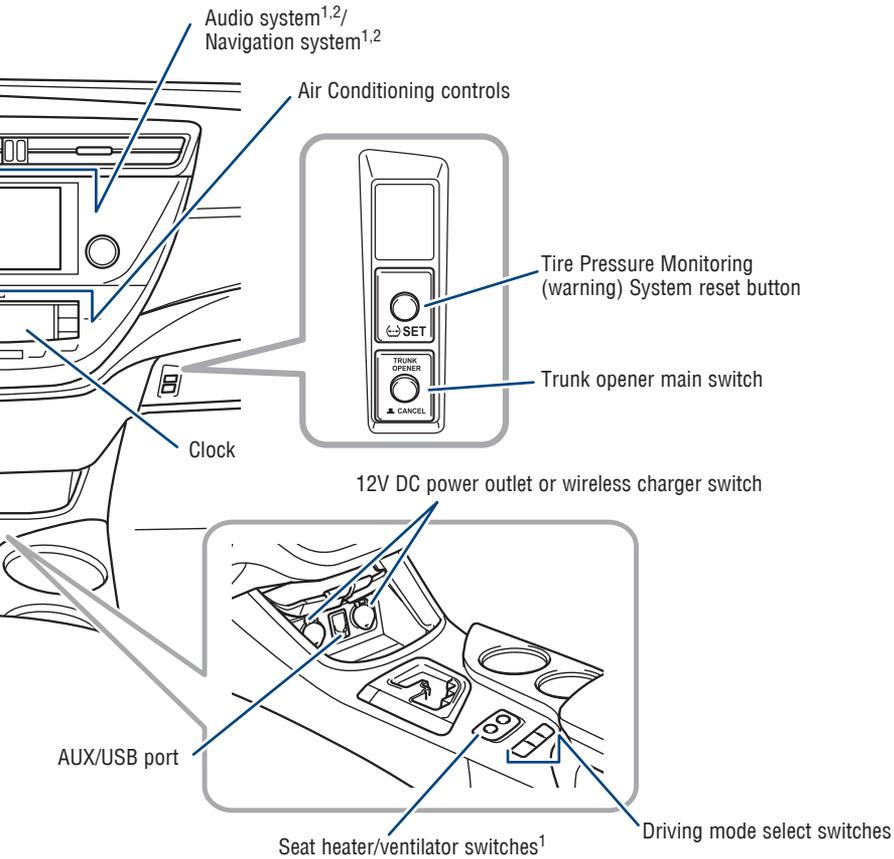
# OVERVIEW

## Instrument panel



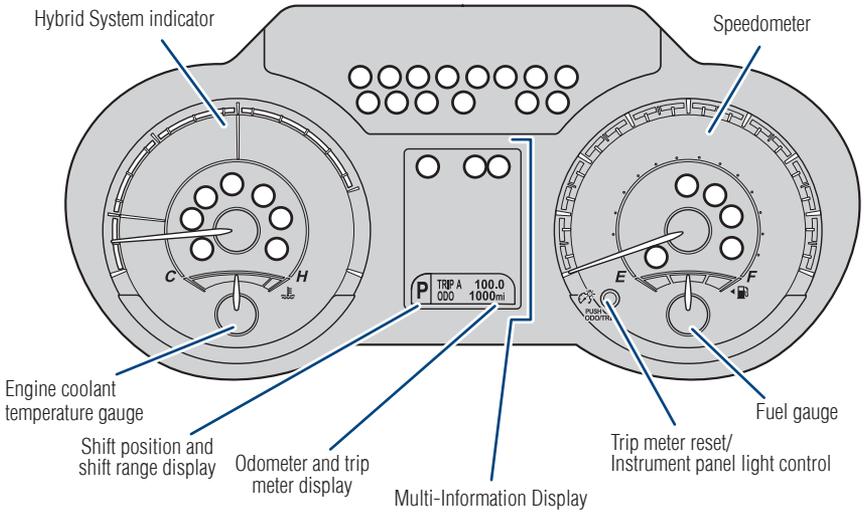
<sup>1</sup> If equipped.

<sup>2</sup> For details, refer to the “Navigation System Owner’s Manual” and “2017 Entune™ Audio Quick Reference Guide.”



# OVERVIEW

## Instrument cluster



○ Service indicators and reminders

## Indicator symbols

For details, refer to “Indicators and warning lights,” Section 2-2, 2017 Owner’s Manual.

	“AIR BAG ON/OFF” indicator <sup>1</sup>		Cruise control indicator <sup>2,4</sup>
	Airbag SRS warning <sup>1</sup>		Cruise control SET indicator
	Anti-lock Brake System warning <sup>1</sup>		Dynamic Radar Cruise Control indicator <sup>3,4</sup>
	Arrow direction indicates fuel tank door position		Driver seat belt reminder (alarm sounds for speeds over 12 mph)
	Automatic High Beam indicator <sup>4</sup>		ECO drive mode indicator
	Brake system warning <sup>1</sup>		EV drive mode indicator
	Brake system warning <sup>1</sup>		EV indicator
	Charging system warning <sup>1,7</sup>		



Electric power steering system warning light<sup>1</sup>



Turn signal indicator



Headlight high beam indicator



Vehicle Stability Control OFF indicator<sup>1,5,7</sup>



Headlight low/high beam indicator



LDA (Lane Departure Alert with steering control) indicator<sup>7</sup>



Low engine oil pressure warning<sup>1,7</sup>



Low fuel level warning light



Low Tire Pressure Warning<sup>1</sup>



Malfunction/Check Engine indicator<sup>1</sup>



Master warning light<sup>1</sup>



Open door warning<sup>7</sup>



Pre-Collision System (PCS) warning<sup>1</sup>



“READY” indicator



Security indicator



Slip indicator/Hill-start Assist Control indicator<sup>1,5</sup>



SPORT mode indicator

<sup>1</sup> 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.

<sup>2</sup> If this light flashes, refer to “Cruise control,” Section 4-5, 2017 Owner’s Manual.

<sup>3</sup> If this light flashes, refer to “Dynamic Radar Cruise Control,” Section 4-5, 2017 Owner’s Manual.

<sup>4</sup> The indicator flashes to indicate a malfunction.

<sup>5</sup> The indicator flashes to indicate that the system is operating.

<sup>6</sup> The indicator flashes faster than usual to indicate that the system is operating.

<sup>7</sup> If equipped.

# 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 30 seconds of unlocking, all doors will relock for safety.**

### LOCKING OPERATION



Push

Carry remote  
Smart key feature  
Front door lock  
Touch

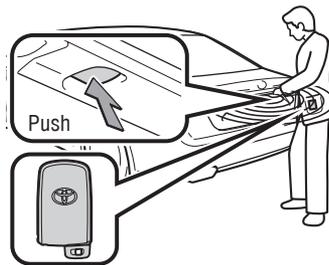
### PANIC BUTTON



HOLD  
Push and hold



### TRUNK LOCKING/UNLOCKING



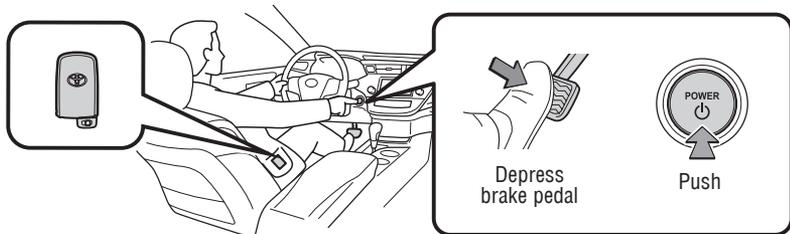
Carry remote  
Smart key feature

\* 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

Accessories such as the radio will operate.

#### ON

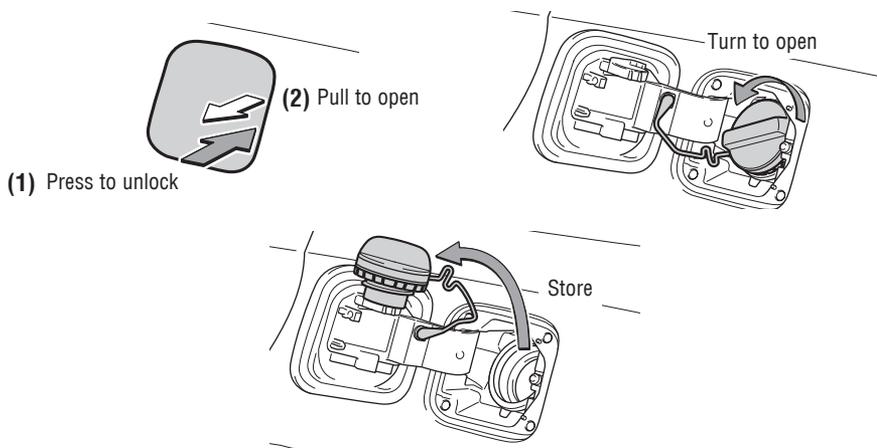
Power ON; the engine is not running.

#### OFF

All systems OFF.

## Fuel tank door release & cap

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

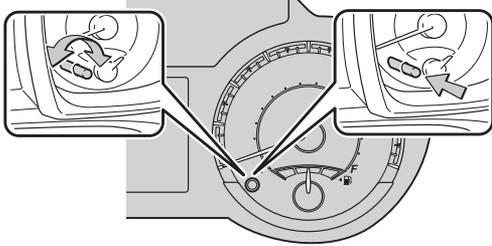


**NOTE: Tighten until one click is heard. If the cap is not locked or tightened, Check Engine “” indicator may illuminate.**

# OVERVIEW

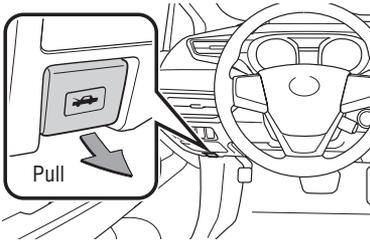
## Light control- Instrument cluster/Trip meter display

Turn  
Brightness control

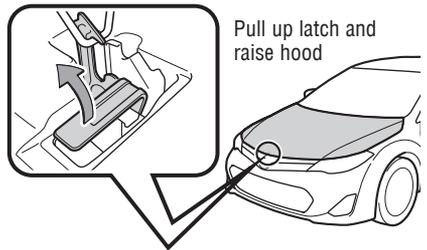


Push  
Switch "A" and "B"

## Hood release



Pull

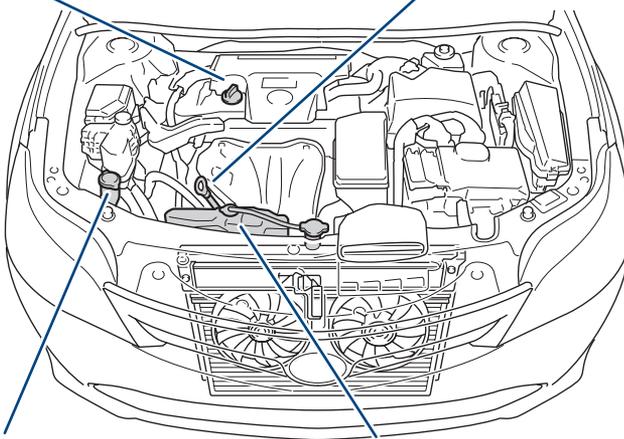


Pull up latch and  
raise hood

## Engine maintenance

Engine oil filler cap

Engine oil level dipstick



Windshield washer fluid tank

Engine coolant reservoir

**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

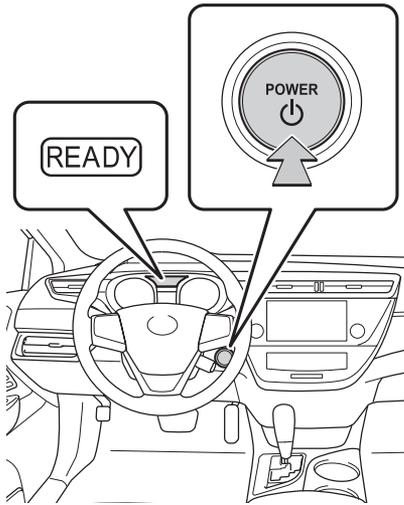
The Hybrid Synergy Drive System utilizes a computer-controlled gasoline engine and electric motor to provide the most efficient combination of power for the vehicle. To conserve energy, when the brakes are applied the braking force generates electricity which is then sent to the traction battery. In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

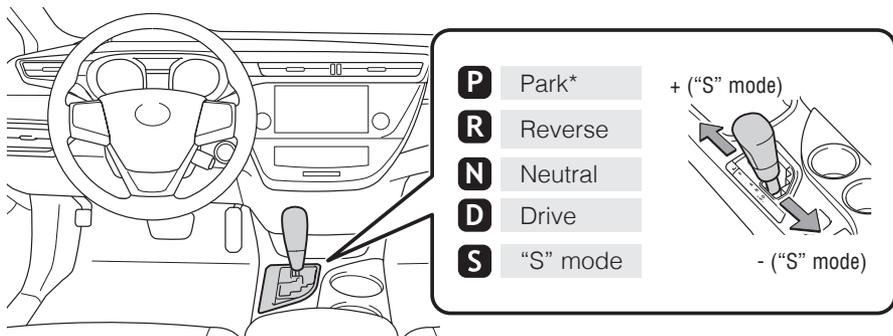
### STARTING THE HYBRID SYSTEM



- (1) Put the selector lever in "P."
- (2) Depress the brake pedal, and "P" 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.

## FEATURES & OPERATIONS

### 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.

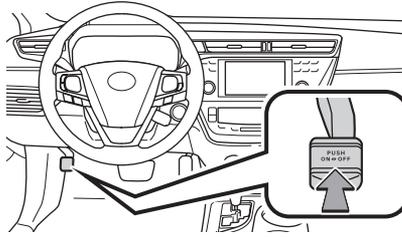
#### Driver's door linked door unlocking function

- 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.

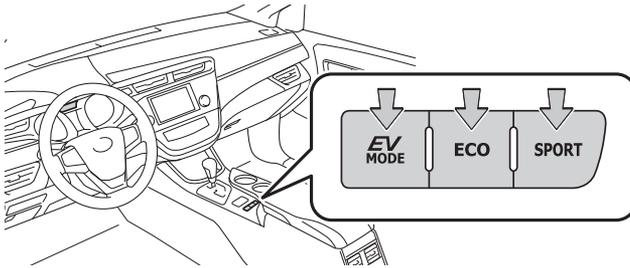
## Parking brake

**BRAKE**



Set: Depress  
Release: Depress again

## 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.

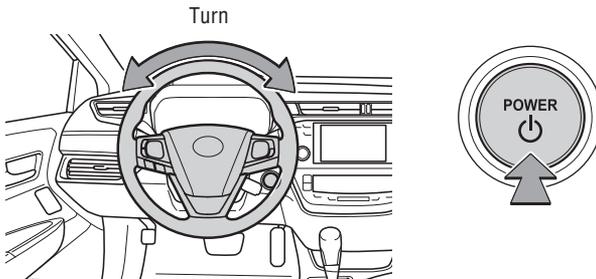
### ECO drive mode

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

### SPORT mode

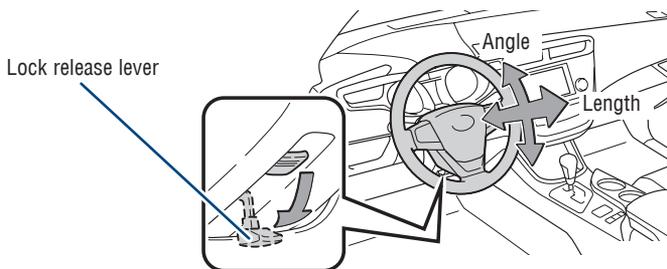
Use when increased acceleration response and precise handling is desired; for example, when driving on mountain roads.

## 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).

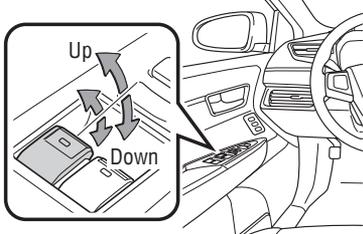
## Tilt & telescopic steering wheel



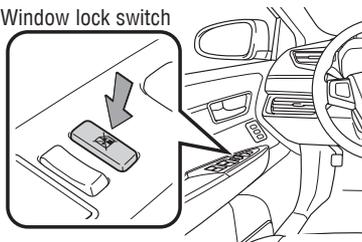
Hold wheel, push lever down, set angle and length, and return lever.

## Windows-Power

### Driver side



### Window lock switch



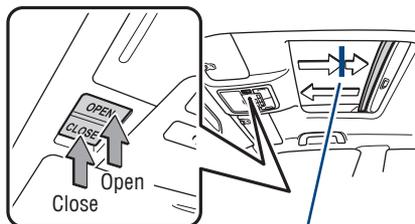
**Automatic operation** Push the switch completely down or pull it completely up and release to fully open or close. To stop the window partway, operate the switch in the opposite direction.

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

## Moon roof (if equipped)

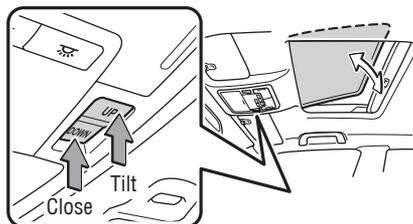
### SLIDING OPERATION

Push once to open partway; again to open completely.



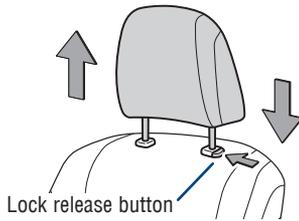
Recommended open position to minimize wind noise.

### TILTING OPERATION



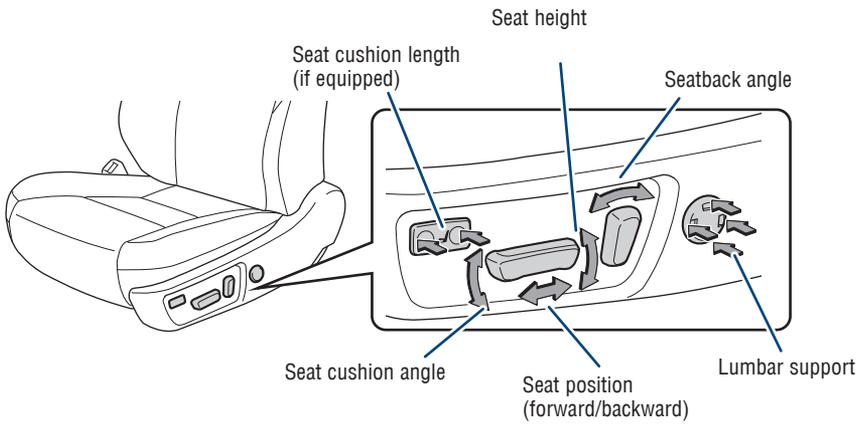
Push once to open; moon roof will automatically stop at the recommended position. Push again to open completely.

## Seats-Head restraints

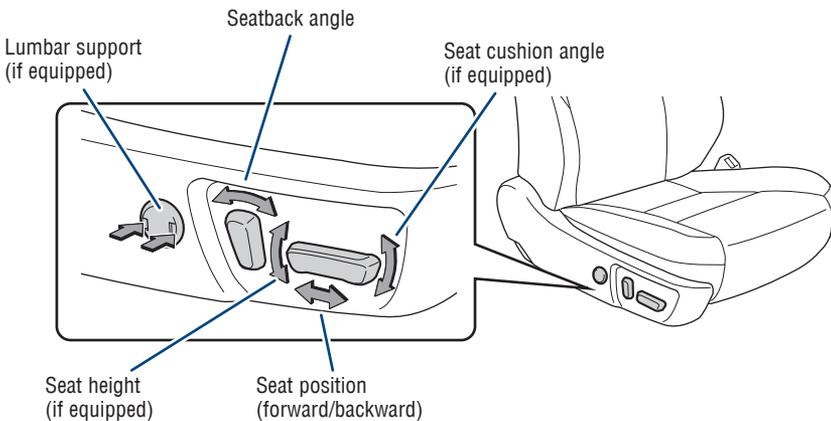


## Seat adjustments-Front

### DRIVER'S SEAT

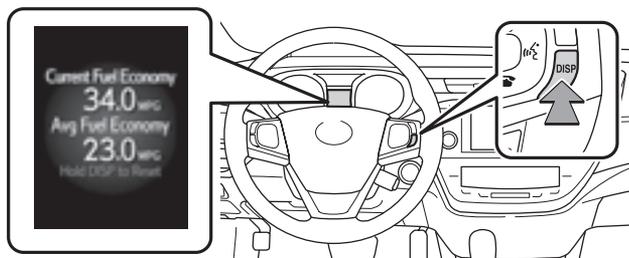


### PASSENGER'S SEAT



# FEATURES & OPERATIONS

## Multi-Information Display (MID)



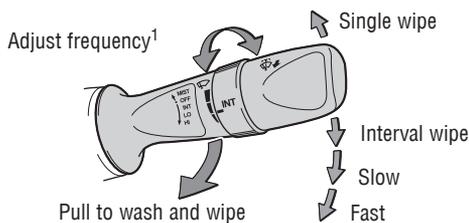
Push "DISP" to scroll through the following information screens:

- |   |   |
|---|---|
| (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 |   |

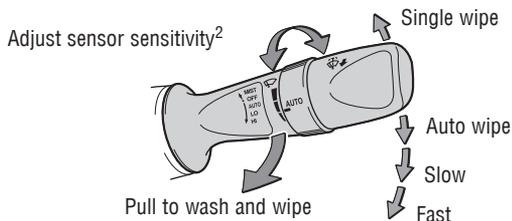
Refer to the Owner's Manual for more settings and customizable features.

## Windshield wipers & washers

### WITH INTERMITTENT WIPER (IF EQUIPPED)



### WITH AUTO RAIN-SENSING WIPER (IF EQUIPPED)



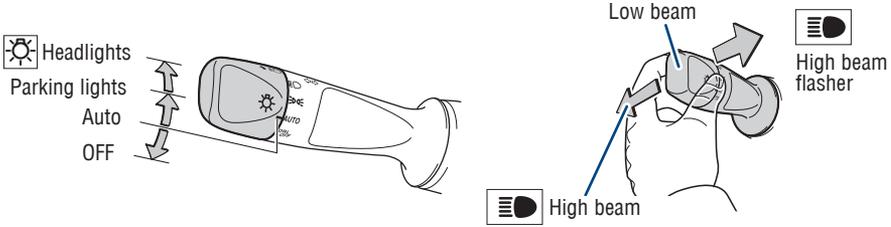
<sup>1</sup> **Intermittent windshield wiper frequency adjustment** Rotate to increase/decrease wipe frequency.

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

Refer to the Owner's Manual for more information.

# Lights & turn signals

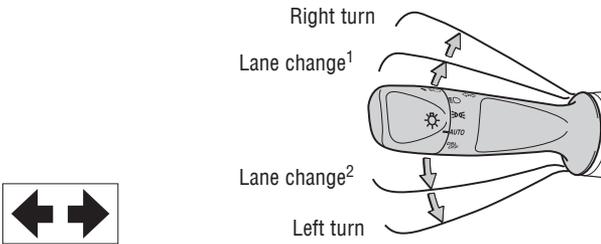
## HEADLIGHTS



**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.

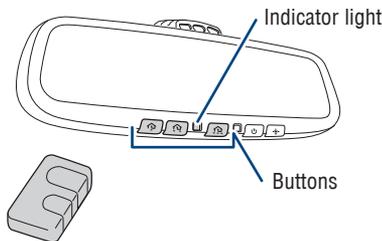
## TURN SIGNALS



<sup>1</sup> The right hand signals will flash three times.

<sup>2</sup> 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.

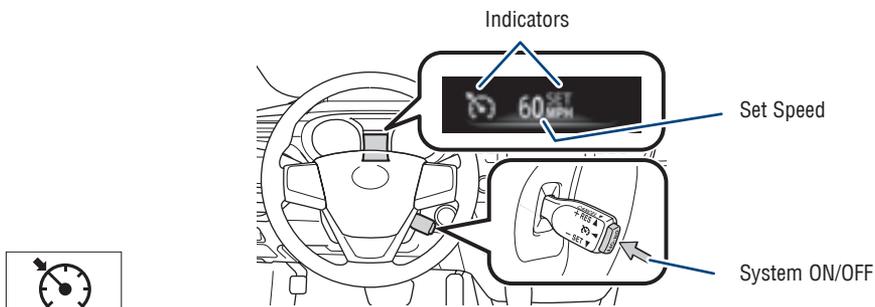
For programming assistance, contact HomeLink® at 1-800-355-3515, or visit <http://www.homelink.com>.

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

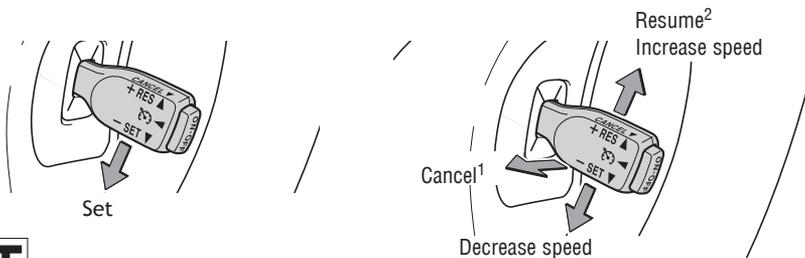
# FEATURES & OPERATIONS

## Cruise control

### TURNING SYSTEM ON/OFF



### FUNCTIONS

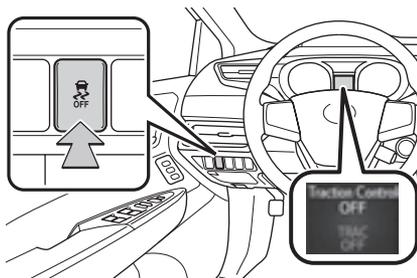


**SET**

<sup>1</sup> The set speed may also be cancelled by depressing the brake pedal.

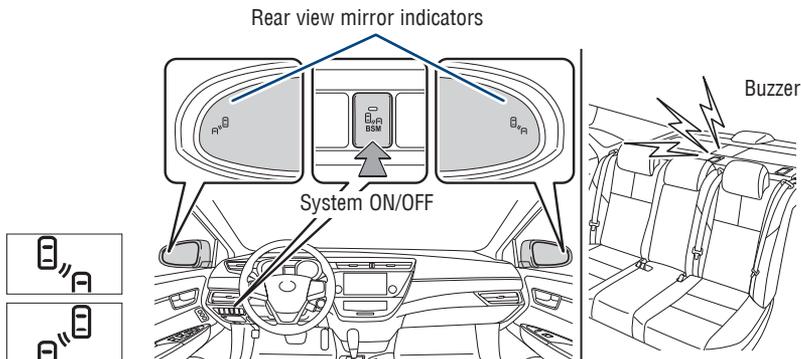
<sup>2</sup> The set speed may be resumed once vehicle speed exceeds 25 mph.

## 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:

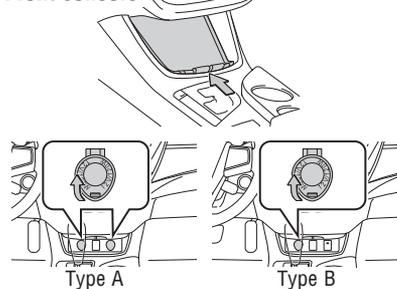
- The Blind Spot Monitor function (assists the driver in making the decision when changing lanes)
- The Rear Cross Traffic Alert function (assists the driver when backing up)

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.

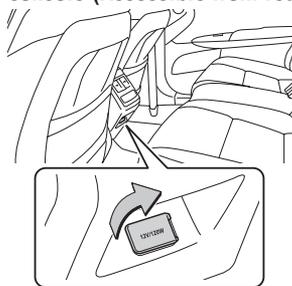
Refer to the Owner's Manual for limitations and more details on this system before attempting to use it.

## Power outlets - 12V DC

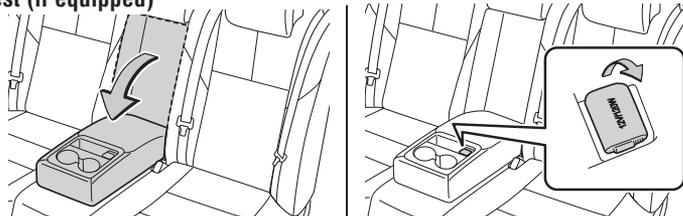
### Front console



### Center console (Accessible from rear seat)



### Rear armrest (if equipped)



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

# 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.

### Type B

Temperature selector (driver side)

Windshield airflow/defogger

Outside rearview mirror/Rear defogger

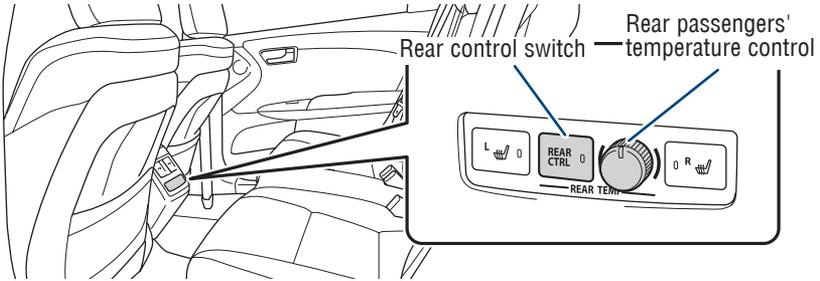
Temperature selector (passenger side)

**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.

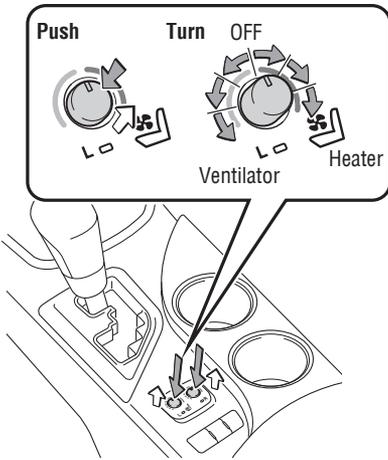
“**SYNC**” button  
**Indicator ON:** Synchronized temperature settings for driver, passengers and rear seat (if equipped).  
**Indicator OFF:** Separate temperature settings for driver and passengers.

## REAR CONTROL PANEL (IF EQUIPPED)



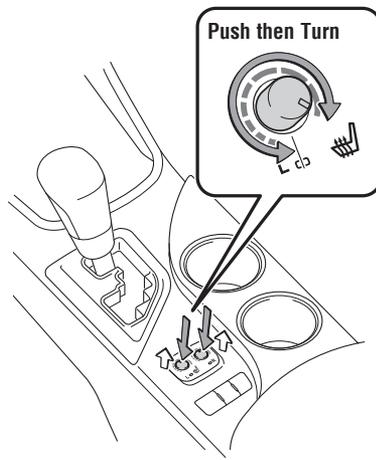
## Seat ventilators/heaters (if equipped)

### 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.

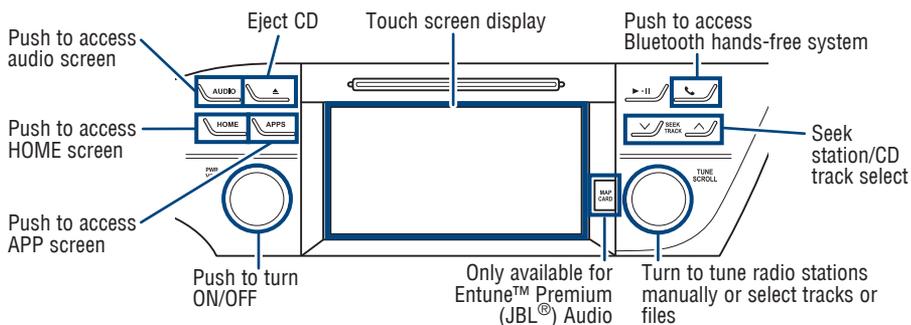
**Note: Press to lock when not in use.**

# FEATURES & OPERATIONS

## Audio\*

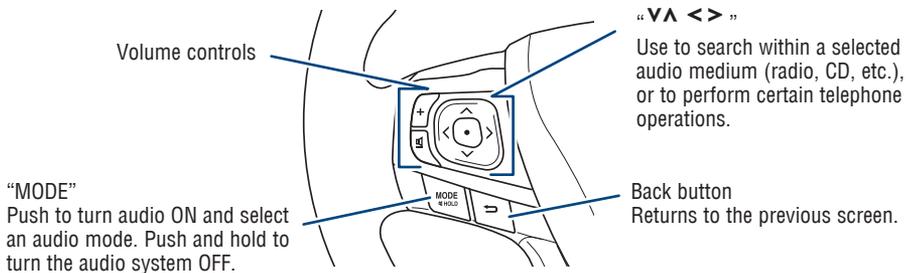
ENTUNE™ AUDIO PLUS WITH CONNECTED NAVIGATION APP

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

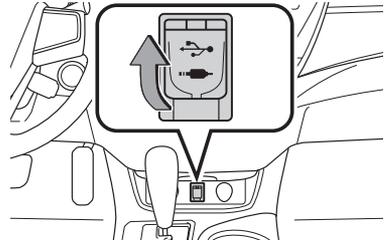
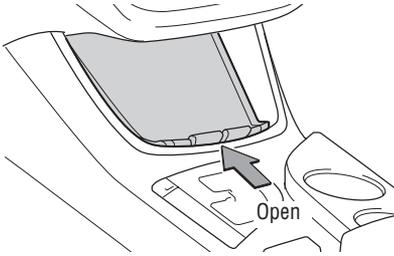


\* For details, refer to the "Navigation System Owner's Manual" and "2017 Entune™ Audio Quick Reference Guide."

## STEERING WHEEL SWITCHES



## USB/AUX PORT



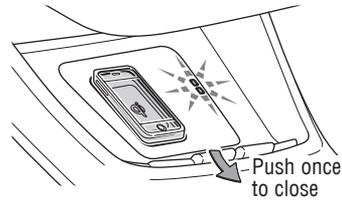
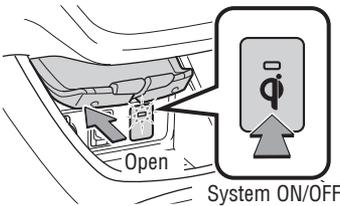
### USB port

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.

## Wireless charger (if equipped)

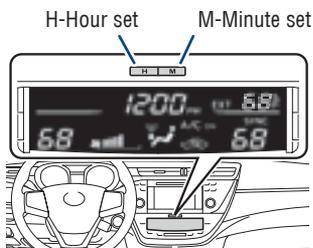


A mobile device with the "Ⓢ" logo can be charged wirelessly. Charging can only be performed with the "POWER" switch in ACCESSORY or ON mode. Place a mobile device on the tray. One LED indicator is illuminated while charging and two LED indicators are illuminated when the charging is complete.

# FEATURES & OPERATIONS

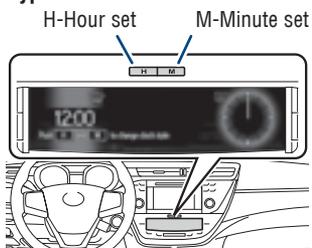
## Clock

Type A



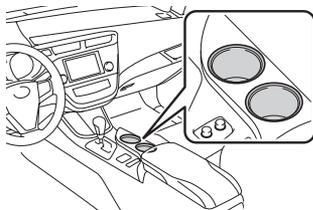
H-Hour set  
M-Minute set

Type B



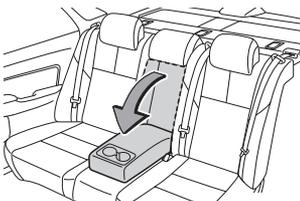
## Cup holders

FRONT

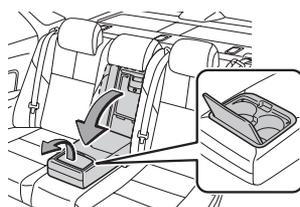


REAR

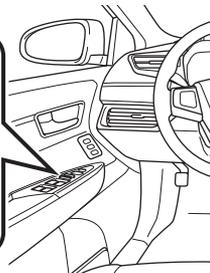
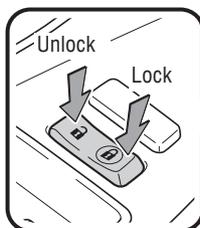
Type A



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.

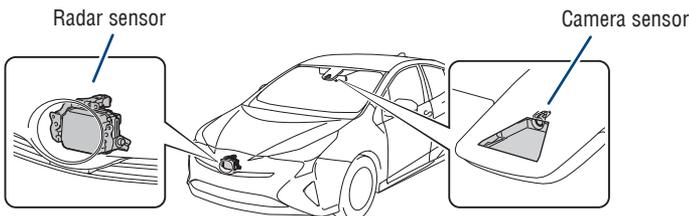


### Automatic High Beams (AHB)

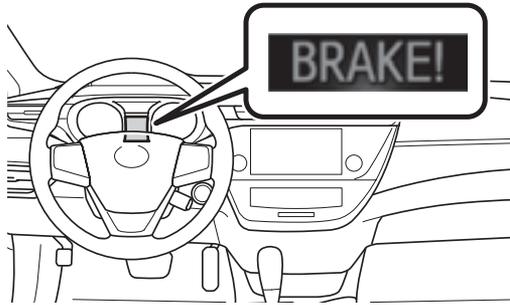
AHB is designed to detect the headlights of oncoming vehicles and the tail lights of preceding vehicles and switch between high beams and low beams as appropriate.

## 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.

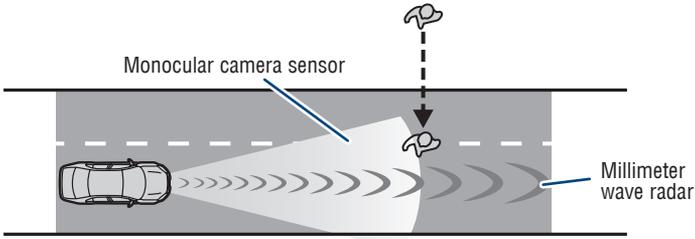
### **Pre-Collision Braking**

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.*

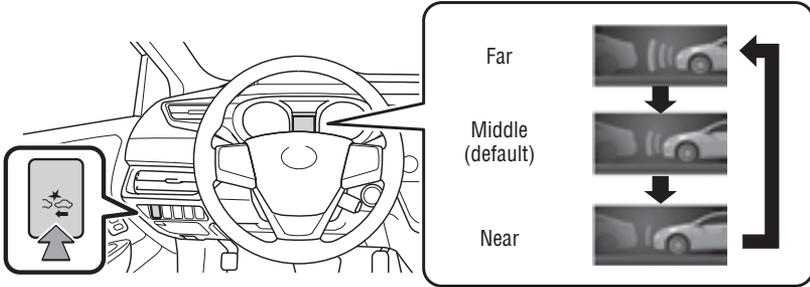
## PEDESTRIAN DETECTION FUNCTION

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.*



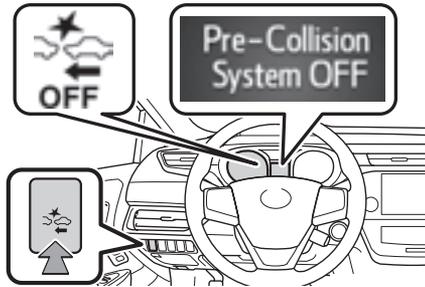
As part of the Pre-Collision System, this function is also designed to first provide an alert and then automatic braking if needed.

## 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 “○”. The setting screen is displayed.
- (3) Press “○” 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 “⏪” 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).

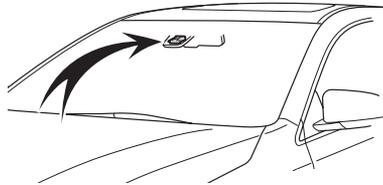


Press the PCS switch for 3 seconds or more to turn it off. The warning light and message displays in the MID. Depress it again to turn it back on.

**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)

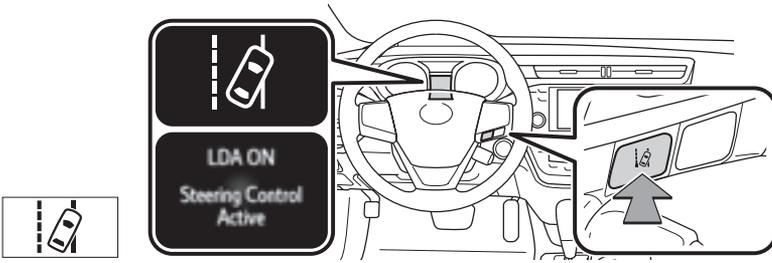


LDA in TSS-P uses an in-vehicle camera designed to detect visible white and yellow lane markers in front of the vehicle and the vehicle's position on the road. If the system determines that the vehicle is starting to unintentionally deviate from its lane, the system alerts the driver with an audio and 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 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.

TURNING THE LDA SYSTEM ON/OFF



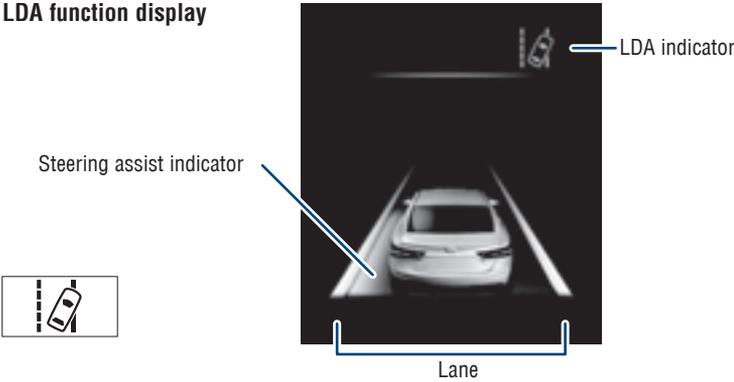
Press the LDA switch to turn the LDA system on. Depress again to turn it off.

**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.**

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

FUNCTIONS

LDA function display



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



(1)



(2)

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

- (1) The system displays solid white lines on the LDA indicator when visible lane markers on the road are detected. A side flashes orange to alert the driver when the vehicle deviates from its lane.
- (2) The system displays outlines on the LDA indicator when lane markers on the road are not detected or the function is temporarily cancelled.

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

*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.

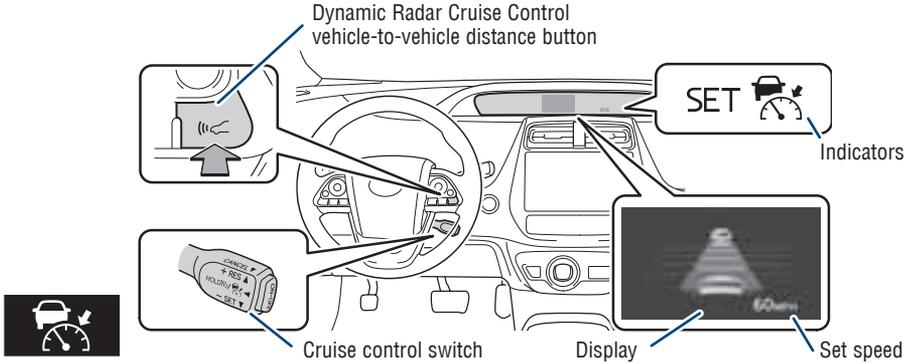
**Note: Operation of the LDA system and setting adjustments continues in the same condition regardless of ignition cycle until changed by the driver or the system is reset.**

### 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.

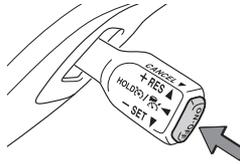
## Dynamic Radar Cruise Control (DRCC)

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

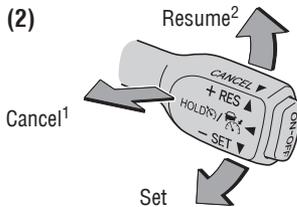
(1)



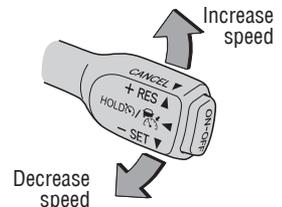
Note: If DRCC is turned off and you hold the ON-OFF button for at least 1.5 seconds, the system switches to constant speed control mode.

### ADJUSTING SET SPEED

(2)



(3)

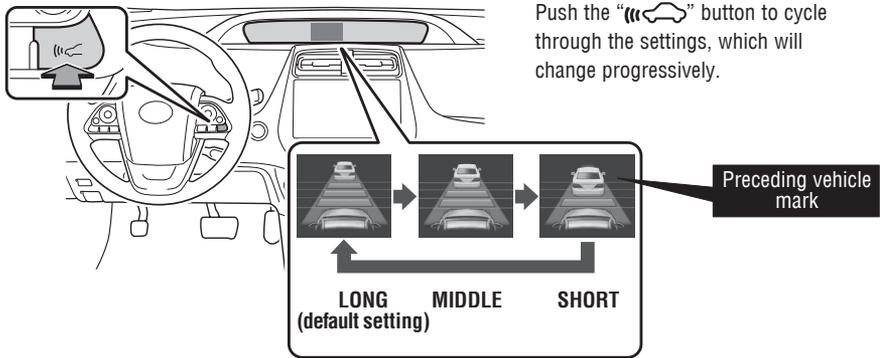


Vehicle will cruise at a set speed, decelerate to maintain selected distance from a slower vehicle traveling in front and accelerate back up to the selected speed if the vehicle in front changes lanes or speeds up.

- (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).

<sup>1</sup> The set speed may also be cancelled by depressing the brake pedal.

<sup>2</sup> The set speed may be resumed once vehicle speed exceeds 25 mph.

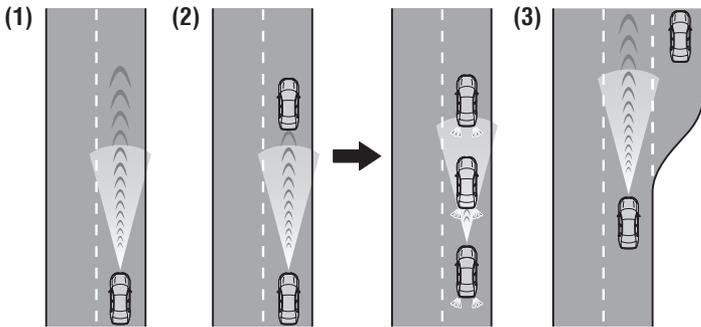


**To change the vehicle-to-vehicle distance**

Push the “” button to cycle through the settings, which will change progressively.

This mode employs a radar sensor to detect the presence of 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**

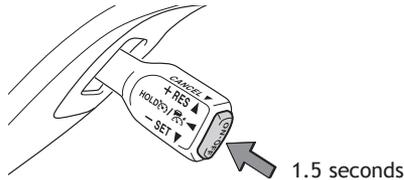
When a vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies the brakes (the stop lights will come on at this time). The system will respond to changes in the speed of the vehicle ahead in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

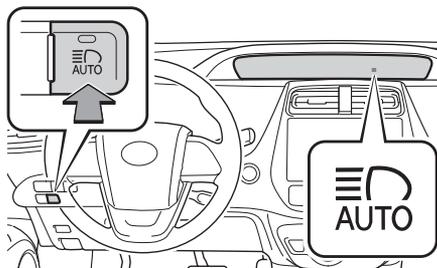


If you are already using DRCC , push ON-OFF button to turn the system off first, then push and hold ON-OFF button for at least 1.5 seconds to switch.

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

*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 and headlight switch turned to "AUTO" or "☰D" position, push lever away from you.
- (2) Depress the Automatic High Beam "☰D AUTO" switch.

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

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

The AHB indicator will turn off and the high beam indicator "☰D" 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):

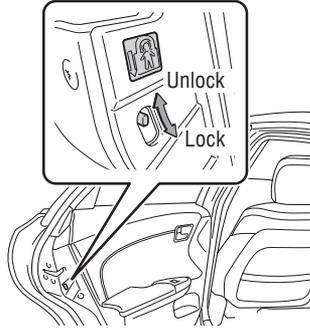
- Vehicle speed is above approximately 25 mph (40 km/h.)
- The area ahead of the vehicle is dark.
- There are no oncoming or preceding vehicles with headlights or tail lights turned on.
- There are few street lights on the road ahead.

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

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

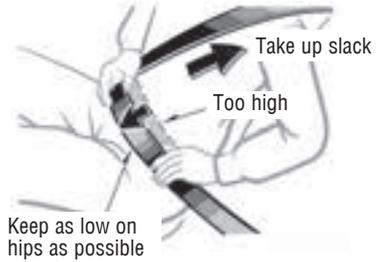
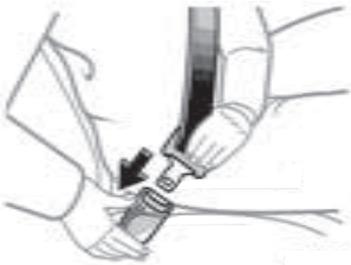
## Doors-Child safety locks

### Rear door



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

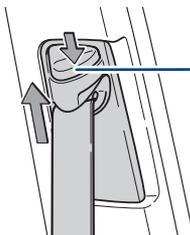
## Seat belts



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

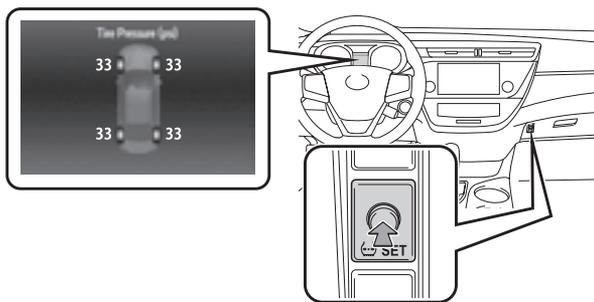
*To find more information about seat belts, and how to install a child restraint system, refer to the Owner's Manual.*

## Seat belts-Should belt anchor



Push up, or squeeze lock release to lower

## 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.*

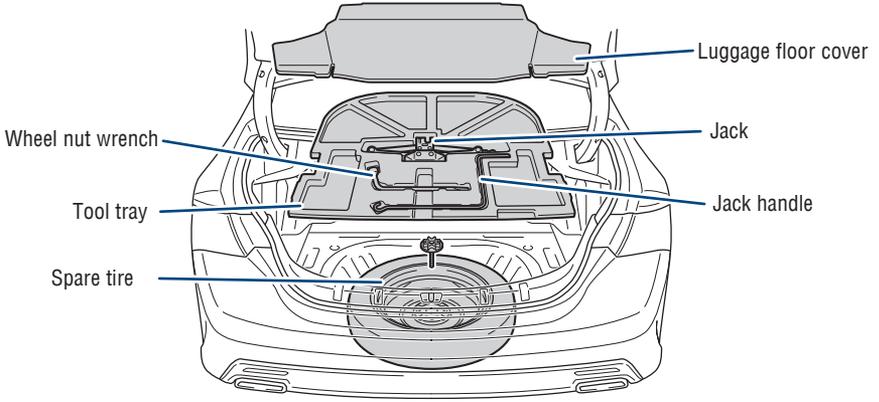
If the tire pressure indicator flashes for more than 60 seconds and then remains on, take the vehicle to your local Toyota dealer.

**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.**

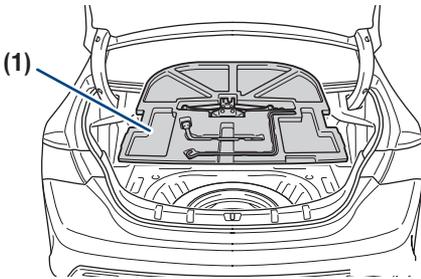
# SAFETY & EMERGENCY FEATURES

## Spare tire & tools

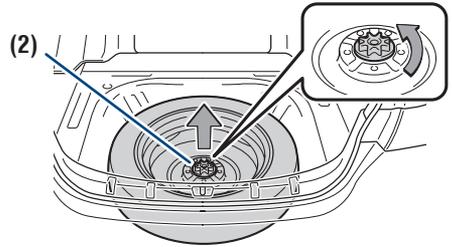
### TOOL LOCATION



### REMOVE THE SPARE TIRE



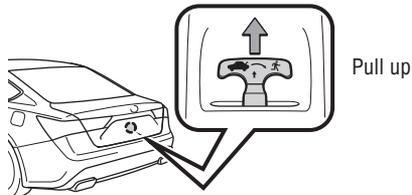
(1) Remove the tool tray.



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

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

## Trunk-Internal release



## 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).

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

### 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)

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 & 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.

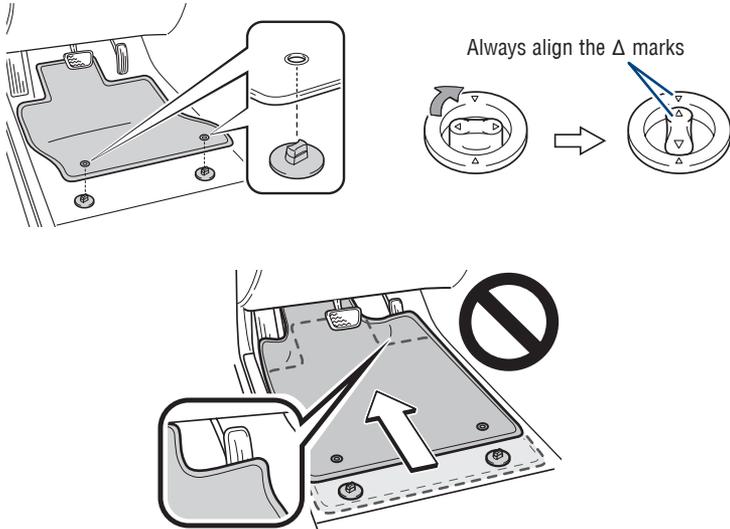
SST doesn't engage if the brake pedal is depressed before the accelerator pedal, allowing vehicles to start on a steep hill and safely accelerate without rolling backward.

## 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 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.<sup>1</sup>

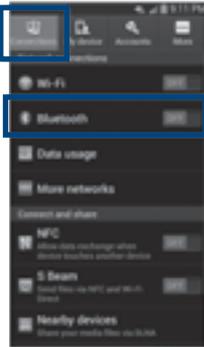
## Bluetooth® Pairing for Android phone and Entune™ touch screen system

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.<sup>2</sup>

### Initiate Bluetooth® on your Android®



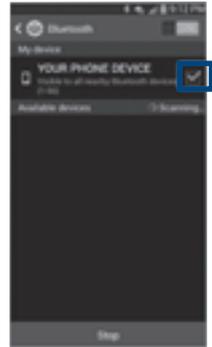
**STEP 1**  
From your **APPS SCREEN**, select **SETTINGS**.



**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.

<sup>1</sup> 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.

<sup>2</sup> 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.



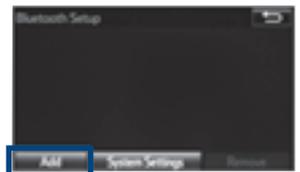
### STEP 6

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



### STEP 7

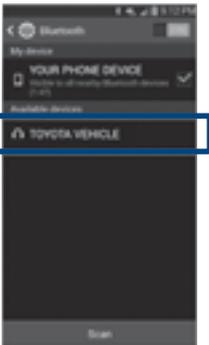
Select **BLUETOOTH**.  
*Image shown is a sample image, features may vary.*



### STEP 8

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

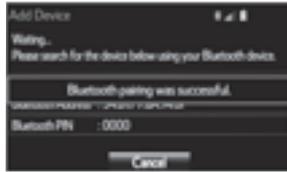
For Entune™ Audio System, press the **SETUP BUTTON** on the faceplate to access the Setup Screen.



### STEP 9

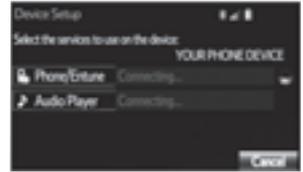
Back on your smartphone, you can now select your **TOYOTA VEHICLE** in Bluetooth Settings.

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



### STEP 10

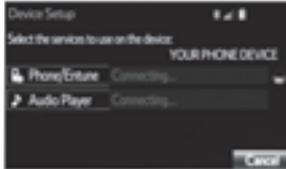
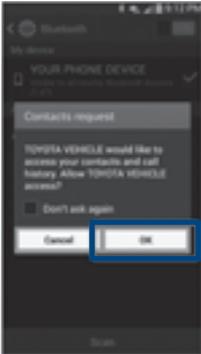
Your smartphone is now paired with Entune.



### 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](http://www.toyota.com/connect)

Your Toyota Owner's Manual  
Located in the vehicle glovebox

Toyota Customer  
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#### Disclosures

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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](http://Toyota.com/entune) for details.

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

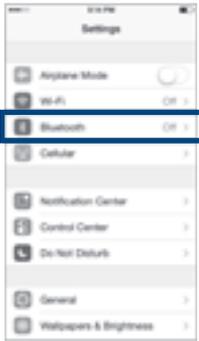
**\*\*Do not attempt the Bluetooth® Pairing process while driving.\*\***

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**.



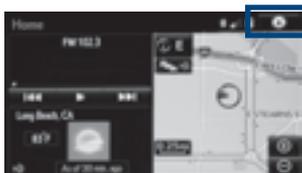
**STEP 4**  
Your iPhone will seek out Bluetooth devices while remaining discoverable.



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

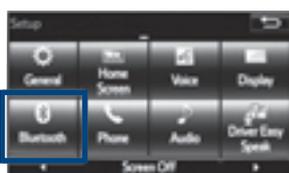
## Initiate Bluetooth® on your Entune™ Multimedia Head Unit

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

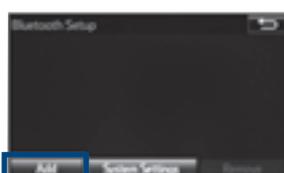
On your Toyota Vehicle Entune Multimedia Head Unit, Select **SETUP BUTTON** on the Home Screen.



### STEP 7

Select **BLUETOOTH**.

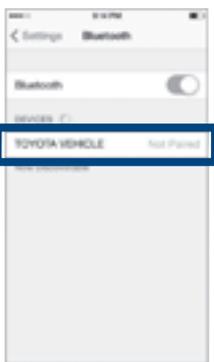
*Image shown is a sample image, features may vary.*



### 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

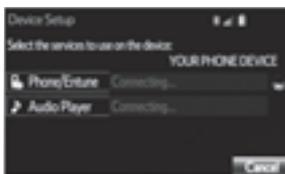
Back on your smartphone, you can now select your **TOYOTA VEHICLE** in Bluetooth Settings.

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



### STEP 10

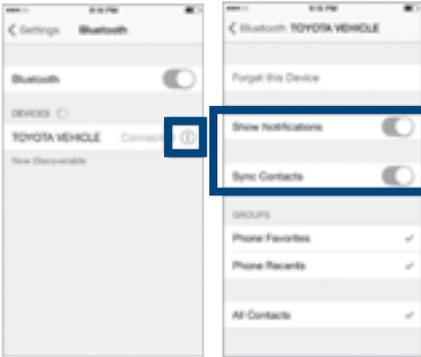
Your smartphone is now paired with Entune.



### STEP 11

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

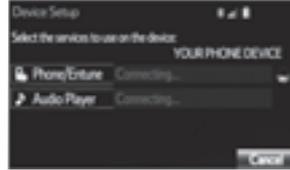
# BLUETOOTH® DEVICE PAIRING



## 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:

Online Pairing Guide:  
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## Bluetooth® Pairing for Windows Phone and Entune™ touch screen system

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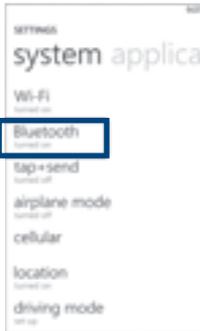
Pairing your phone is the first step in connecting with your Toyota for hands-free calling and for audio streaming via Bluetooth. This pairing process is quick and easy: all Windows Phone mobile digital devices have Bluetooth integrated; all you have to do is setup the phone and multimedia system to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



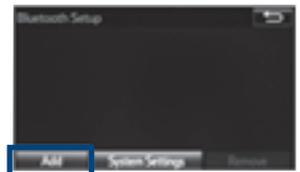
#### STEP 5

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.

### STEP 7

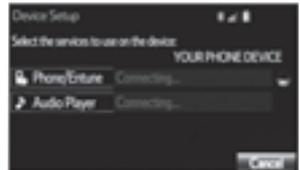
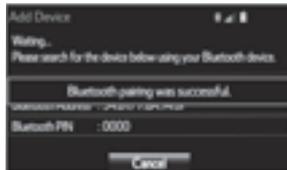
Select **BLUETOOTH**.

*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.

### STEP 10

Your smartphone is now paired with Entune.

### STEP 11

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

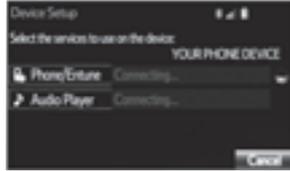
*You may need to enter the provided Bluetooth PIN on your phone.*

## 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

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