

RAV4
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QUICK REFERENCE GUIDE

2012 RAV4

This *Quick Reference Guide* is a summary of basic vehicle operations. It contains brief descriptions of fundamental operations so you can locate and use the vehicle's main equipment quickly and easily.

The *Quick Reference Guide* is not intended as a substitute for the *Owner's Manual* located in the vehicle's glove box. We strongly encourage you to review the *Owner's Manual* and supplementary manuals so you will have a better understanding of the vehicle's capabilities and limitations.

Your dealership and the entire staff of Toyota Motor Sales, U.S.A., Inc. wish you many years of satisfied driving in your new RAV4.

A word about safe vehicle operations

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

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

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

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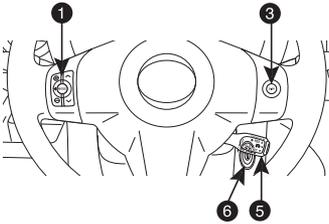
* Visit your Toyota dealer for information on customizing this feature.

OVERVIEW

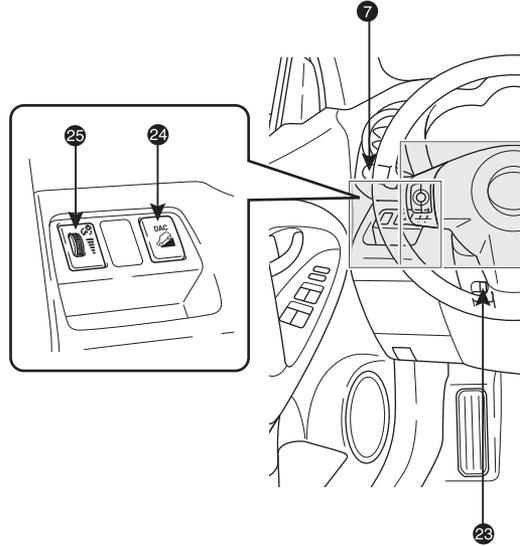
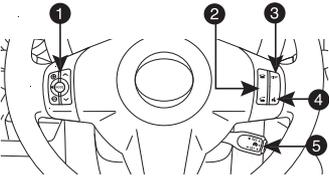
Instrument panel

Steering wheel controls

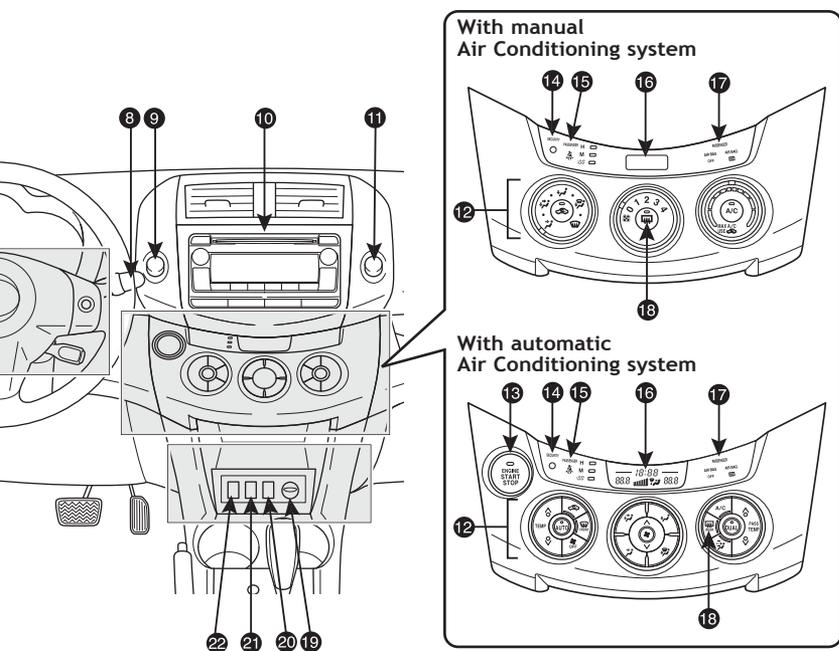
Without Display Audio system



With Display Audio system



- ❶ Steering wheel audio controls¹
- ❷ Telephone controls¹
- ❸ Trip information display switch
- ❹ Speech command button¹
- ❺ Cruise control
- ❻ Ignition switch (standard key)¹
- ❼ Headlight, turn signal and fog light¹ control
- ❽ Wiper and washer controls
- ❾ Four-wheel drive lock switch (4WD models)
- ❿ Audio system/Display Audio system^{1,2}
- ⓫ Emergency flasher switch
- ⓬ Air Conditioning controls
- ⓭ "ENGINE START STOP" button (Smart Key)¹
- ⓮ Engine immobilizer indicator
- ⓯ Front passenger seat belt reminder light

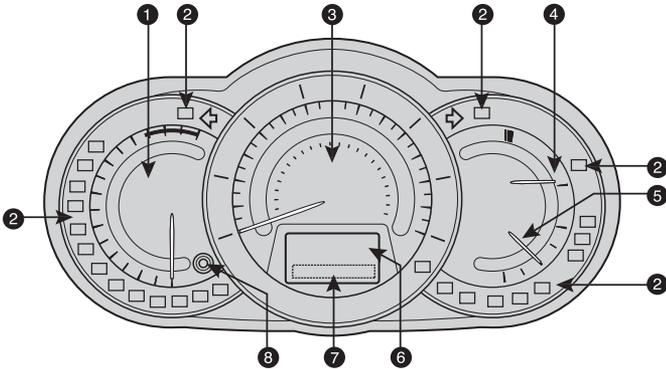


- 16 Clock and Air Conditioning display
- 17 Front passenger occupant classification indicator
- 18 Rear window and outside rearview mirror defogger switch¹
- 19 12V DC Power outlet
- 20 Windshield wiper de-icer switch¹
- 21 Seat heater switch¹
- 22 VSC OFF switch
- 23 Tilt and telescopic steering release
- 24 Downhill Assist Control (DAC) switch¹
- 25 Instrument panel light control

¹ If equipped

² Vehicles with Display Audio system: For details, refer to the “*Display Audio System Owner’s Manual.*”

Instrument cluster



- ① Tachometer
- ② Service indicator and reminder
- ③ Speedometer
- ④ Engine coolant temperature
- ⑤ Fuel gauge
- ⑥ Odometer, two trip meters and trip information display
- ⑦ Automatic Transmission shift position indicator
- ⑧ Odometer/trip meter switch and trip meter reset button

Indicator symbols

BRAKE	Brake system warning ¹
	 Driver/Front passenger seat belt reminder (alarm will sound if speed is over 12 mph)
	Charging system warning ¹
	Low engine oil pressure warning ¹
	Malfunction/Check Engine indicator ¹
	Low fuel level warning
MAINT REQD	Engine oil replacement reminder ¹
	Open door warning
	Airbag warning ¹
A/T OIL TEMP	Automatic Transmission fluid temperature warning 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 For details, refer to “Four-wheel drive lock switch,” Section 2-4, 2012 Owner’s Manual.

	Low Tire Pressure Warning ¹
	4WD warning ¹
	Electric power steering system warning ¹
	Low windshield washer fluid level warning
	Front passenger occupant classification indicator
	Headlight low/high beam indicator
	Turn signal indicator
	Fog light indicator
	Automatic Transmission indicator (4-speed)
	Automatic Transmission indicator (5-speed)
	Four-wheel drive lock indicator ^{1,2}
	Vehicle Stability Control (VSC) OFF indicator ¹
	Slip indicator/Hill-start Assist Control (HAC) indicator/Downhill Assist Control (DAC) indicator ¹
	AUTO Limited Slip Differential indicator ¹
	Downhill Assist Control indicator ¹
	Cruise control indicator ³
	Anti-lock Brake System warning ¹
	Smart Key system warning
	Traction Control OFF indicator ¹

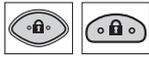
³ If this light flashes, refer to "Cruise control," Section 2-4, 2012 Owner's Manual.

OVERVIEW

Keyless entry

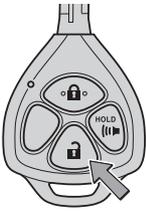
Beep sound can be switched ON or OFF. Refer to the *Owner's Manual* for more details.

Locking operation

Without Smart Key system	With Smart Key system
	
	

Push

Unlocking operation

Without Smart Key system	With Smart Key system
	
	

Push ONCE: Driver door
TWICE: All doors

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

Panic button

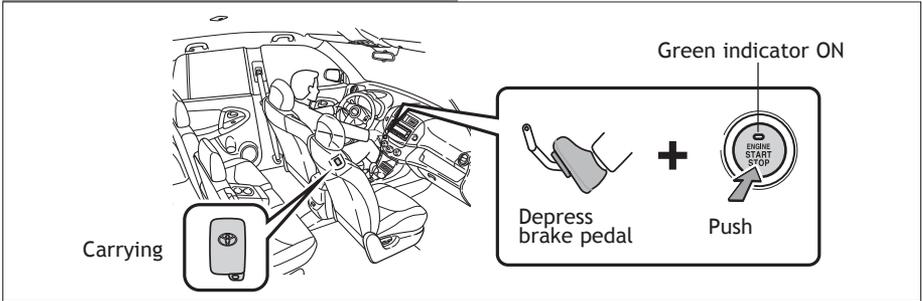


Push and hold



Smart Key system (if equipped)

Start function



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

Power (without starting engine)

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

ACCESSORY

Accessories such as the radio will operate.

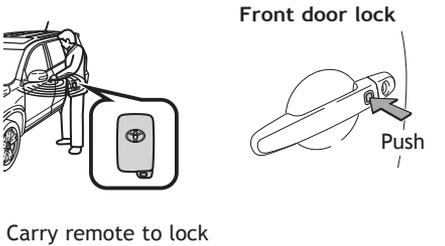
ON

Power ON; the engine not running.

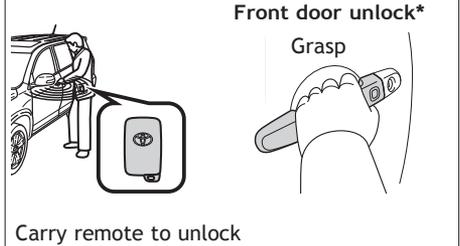
OFF

All systems OFF.

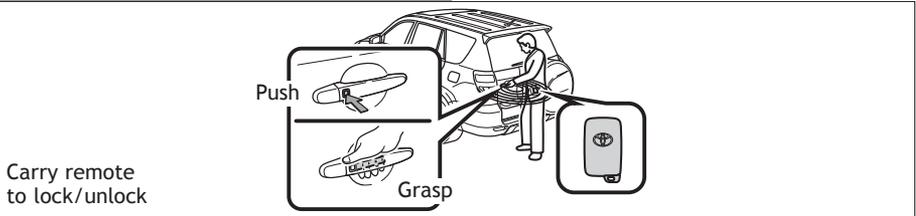
Locking operation



Unlocking operation



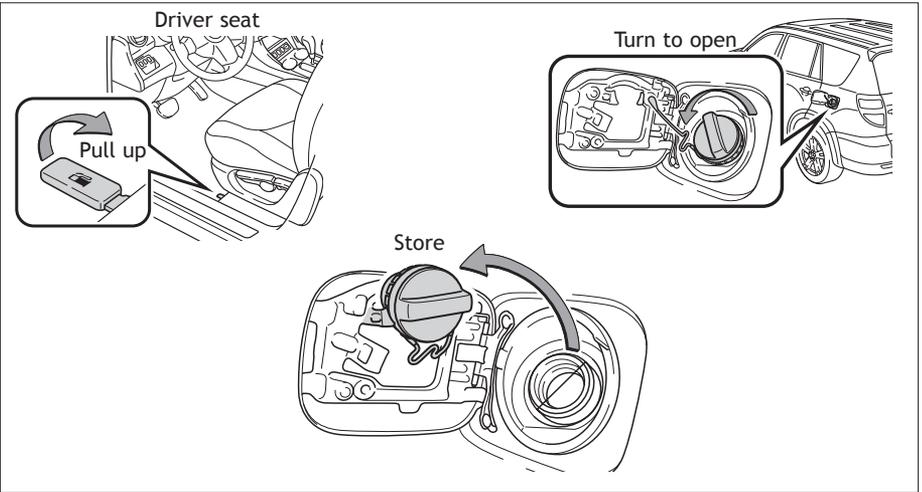
Back door lock/unlock



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

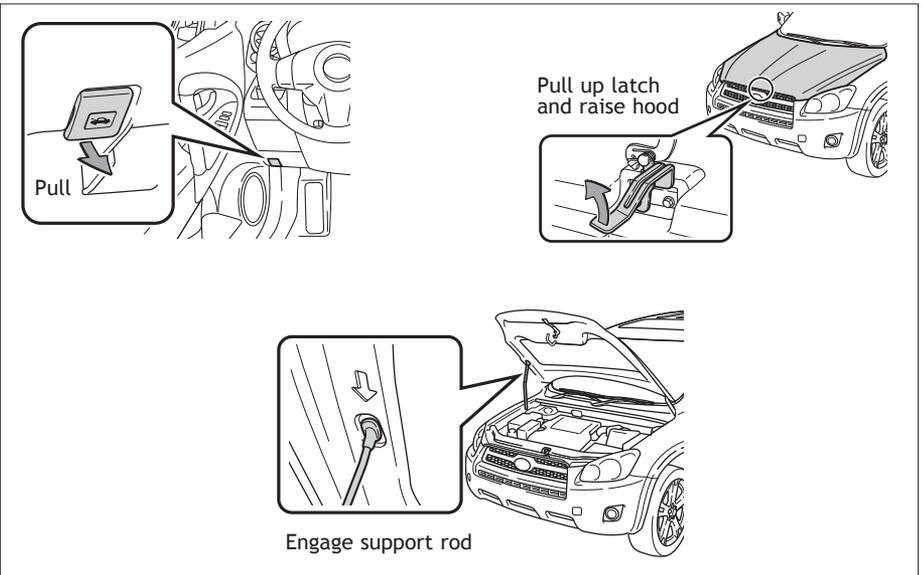
NOTE: Doors may also be locked/unlocked using remote.

Fuel tank door release and cap



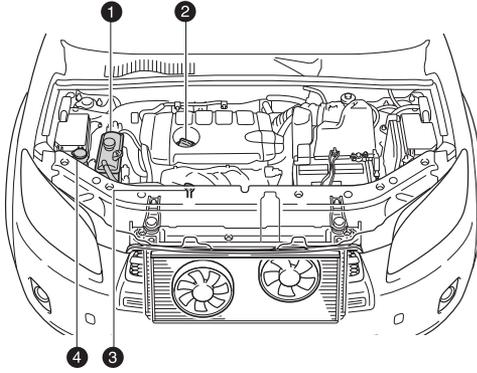
NOTE: Tighten until one click is heard. If the cap is not tightened enough, Check Engine "CHECK" indicator may illuminate.

Hood release

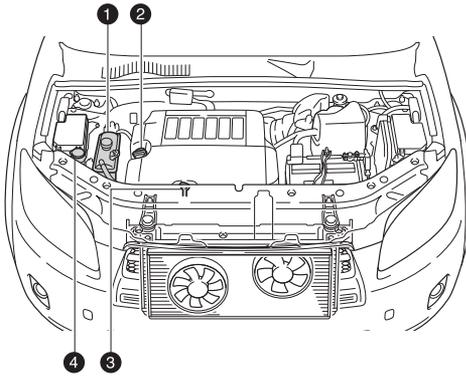


Engine maintenance

4 cylinder (2AR-FE) engine



V6 (2GR-FE) engine



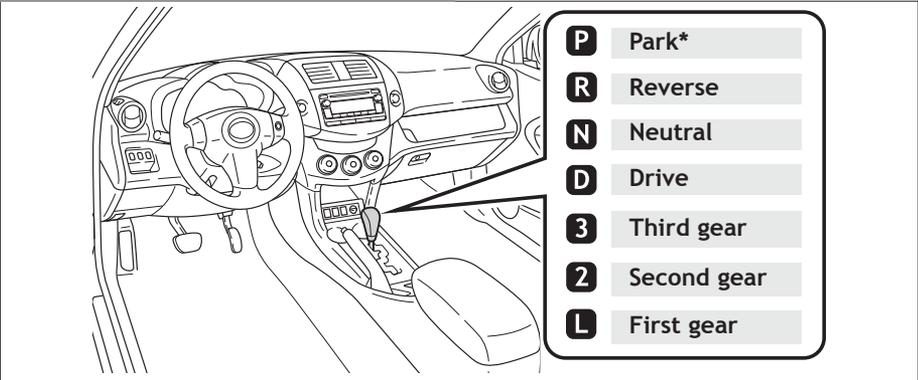
- ① Engine coolant reservoir
- ② Engine oil filler cap
- ③ Engine oil level dipstick
- ④ Windshield and back window washer fluid tank

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

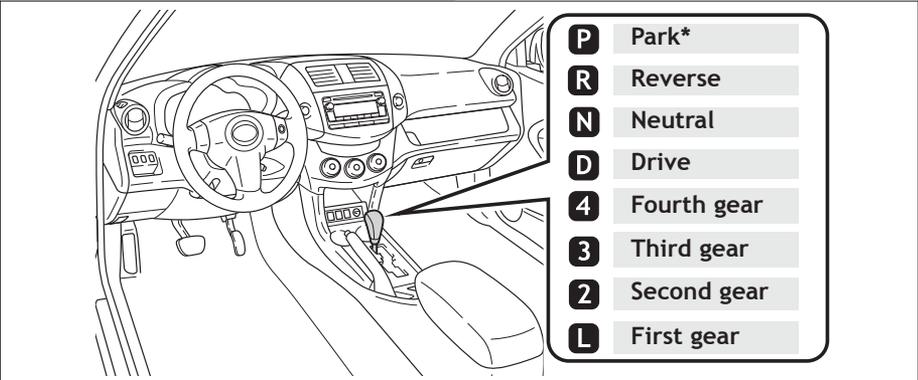
FEATURES/OPERATIONS

Automatic Transmission

4-speed models



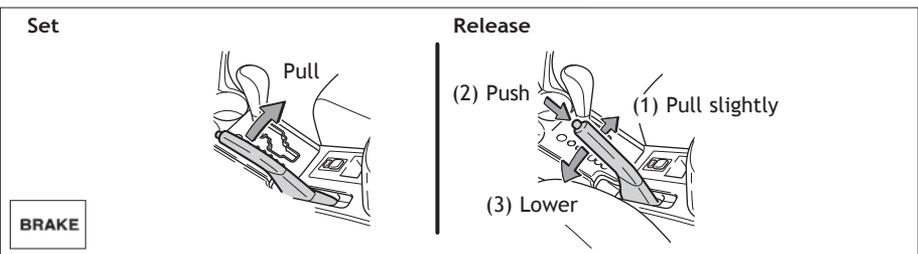
5-speed models



* The ignition/“ENGINE START STOP” switch must be “ON” and the brake pedal depressed to shift from Park.

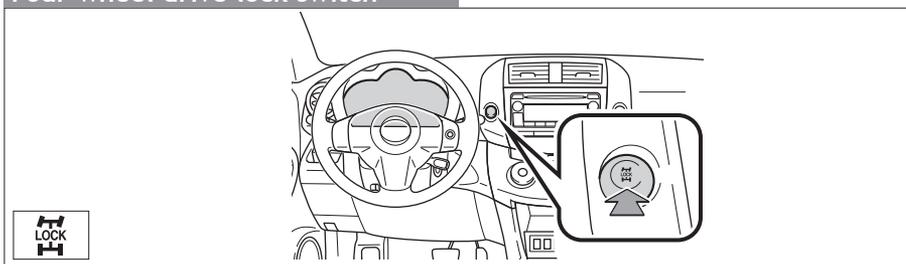
Downshifting increases power going uphill, or provides engine braking downhill. For best fuel economy during normal driving conditions, always drive with the shift lever in the “D” position.

Parking brake



Active torque control 4WD (4WD models)

Four-wheel drive lock switch

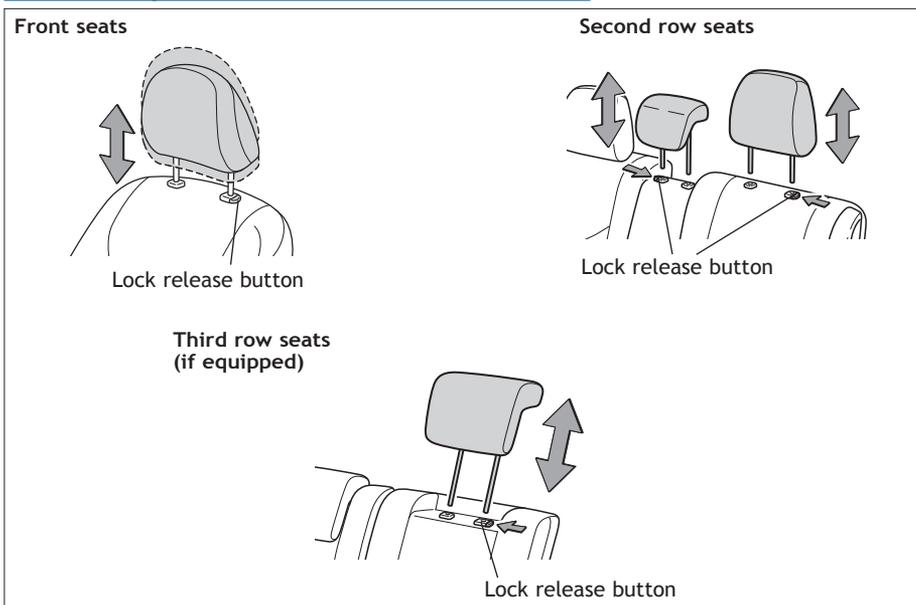


Push the switch to ensure that the engine torque is applied to the four wheels.

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

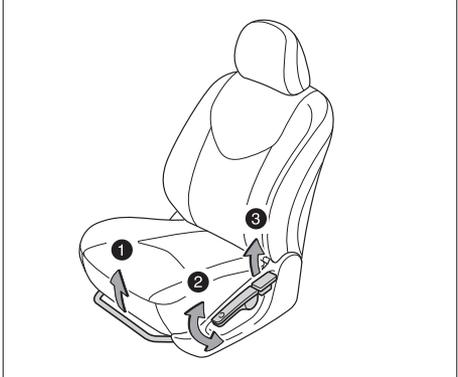
Refer to the *Owner's Manual* for more details.

Seats-Head restraints



Seat adjustments-Front

Manual seat



Power seat (driver side only)



- ❶ Seat position (forward/backward)
- ❷ Height crank (driver side only)
- ❸ Seatback angle
- ❹ Seat position, cushion angle and height
- ❺ Seatback angle
- ❻ Lumbar support

Seat adjustments-Second row seats

Vehicles with third row seats



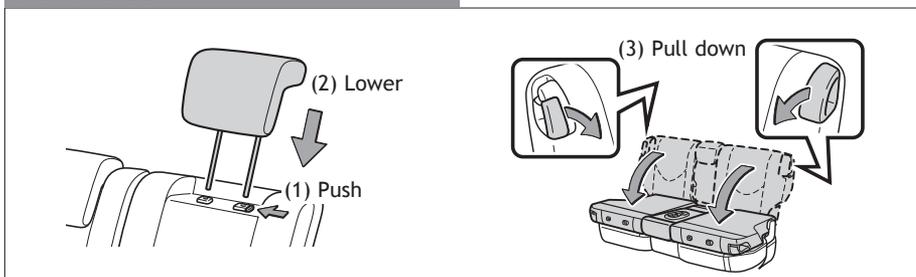
Vehicles without third row seats



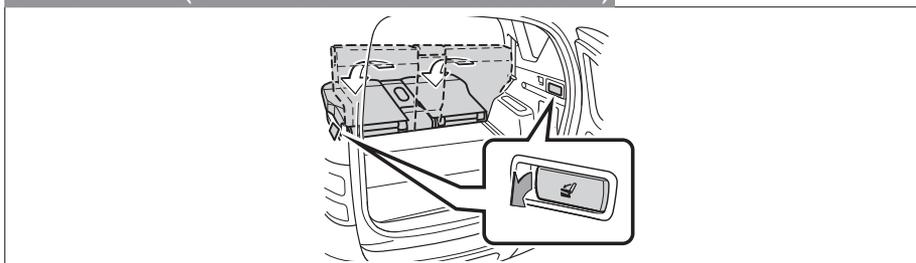
- ❶ Seat position (forward/backward)
- ❷ Seatback angle

Seats-Folding down second row seats

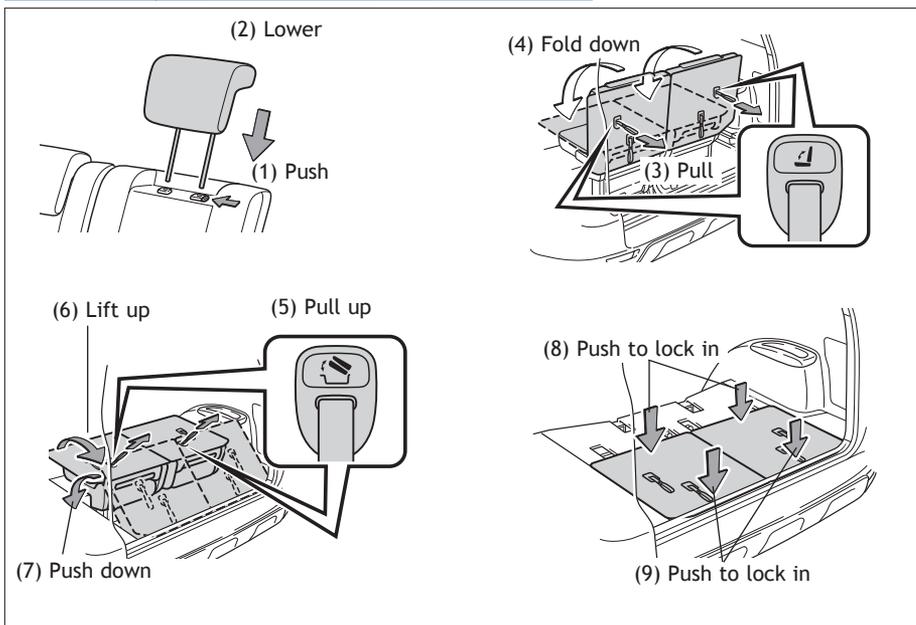
From inside



From outside (vehicles without third row seats)

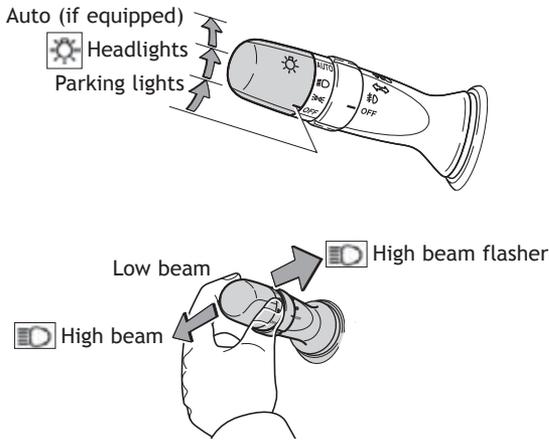


Seats-Stowing third row seats (if equipped)



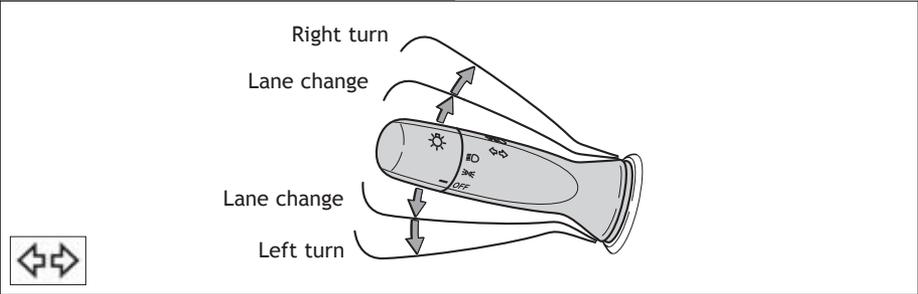
Lights & turn signals

Headlights

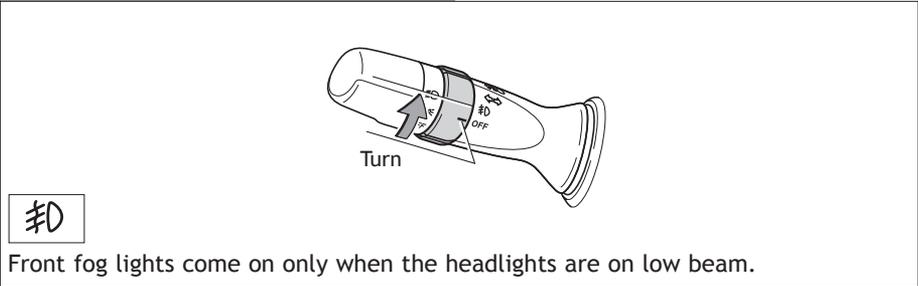


- Daytime Running Light system (DRL) (if equipped)
Automatically turns on the headlights at a reduced intensity.
- Automatic light cut off system Will automatically turn lights off after a delay of 30 seconds.

Turn signals



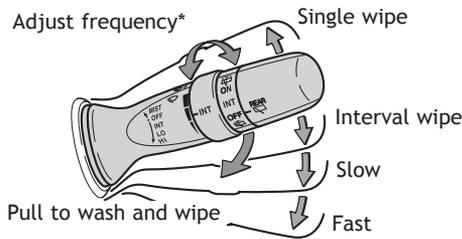
Fog lights (if equipped)



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

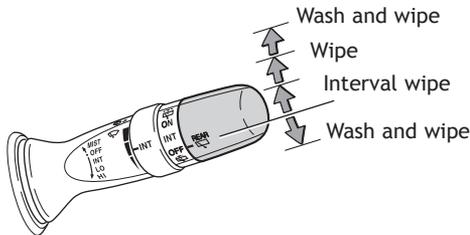
Windshield wipers & washers

Front



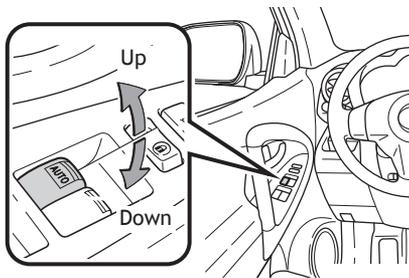
* Intermittent windshield wiper frequency adjustment Rotate to increase/decrease wipe frequency.

Rear

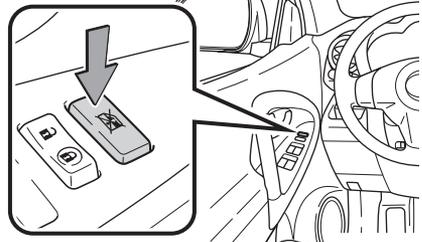


Windows-Power

Driver side



Window lock switch



Automatic operation (driver side only) Push the switch completely down or pull it completely up and release to fully open or close. To stop window midway, lightly push the switch in the opposite direction.

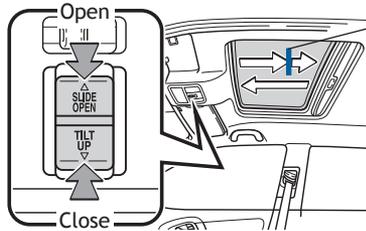
Window lock switch Deactivates all passenger windows. Driver's window remains operable.

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

Moonroof (if equipped)

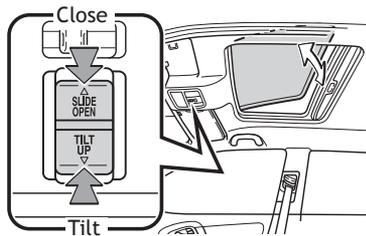
Sliding operation

Push once to open partway; again to open completely.



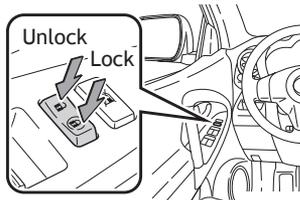
Recommended open position to minimize wind noise

Tilting operation

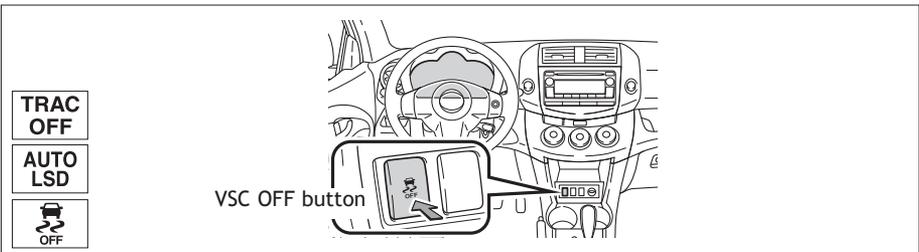


NOTE: If battery is disconnected, the moonroof needs to be reinitialized. Refer to the *Owner's Manual* for more details.

Door locks



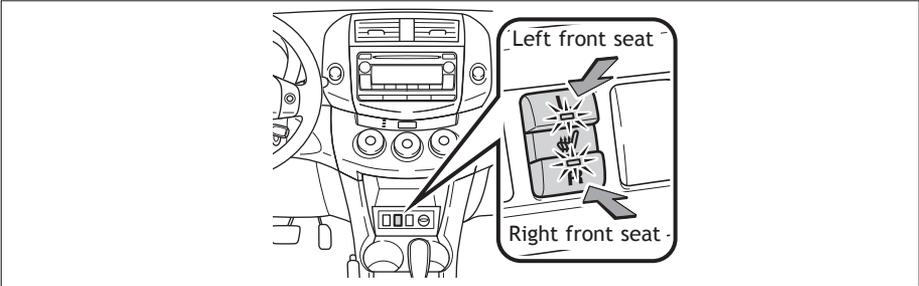
VSC OFF button



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

Refer to Section 2-4 of the *Owner's Manual* for more information.

Seat heaters (if equipped)



Air Conditioning/Heating

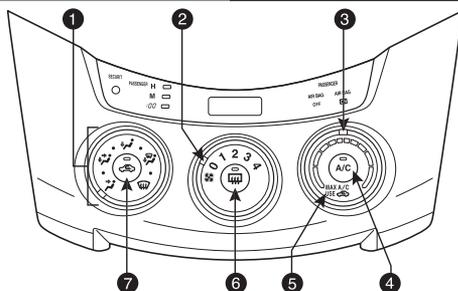
Automatic Air Conditioning

The diagram shows the climate control panel with 12 numbered callouts pointing to various controls:

- 1 Temperature selector (driver side)
- 2 Recirculate cabin air (fresh air when OFF)
- 3 Airflow vent
- 4 Air Conditioning ON/OFF
- 5 "DUAL" button
- 6 Temperature selector (front passenger side)
- 7 Micro dust and pollen filter ON/OFF
- 8 Rear defogger
- 9 Fan speed
- 10 Windshield defogger
- 11 Climate control OFF
- 12 Automatic climate control ON

Adjust the temperature setting, and airflow vents and fan will adjust automatically.

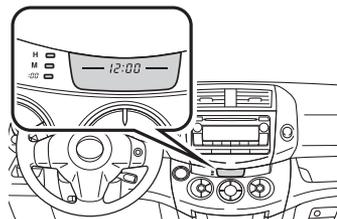
Manual Air Conditioning



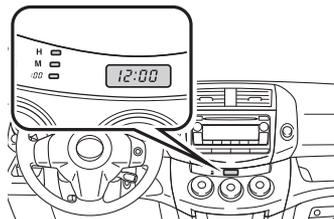
- ① Airflow vent
“” or “” mode uses fresh air only (“” indicator “OFF”) to reduce window fogging.
- ② Fan speed
- ③ Temperature selector
- ④ Air Conditioning ON/OFF
- ⑤ Select for maximum cooling.
- ⑥ Rear defogger
- ⑦ Recirculate cabin air (fresh air when OFF)

Clock

Automatic Air Conditioning system



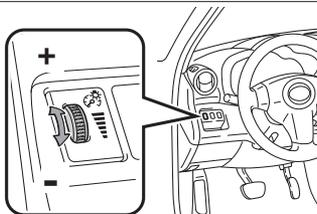
Manual Air Conditioning system



H- Hour set
M- Minute set
:00- Round off minutes

Light control-Instrument panel

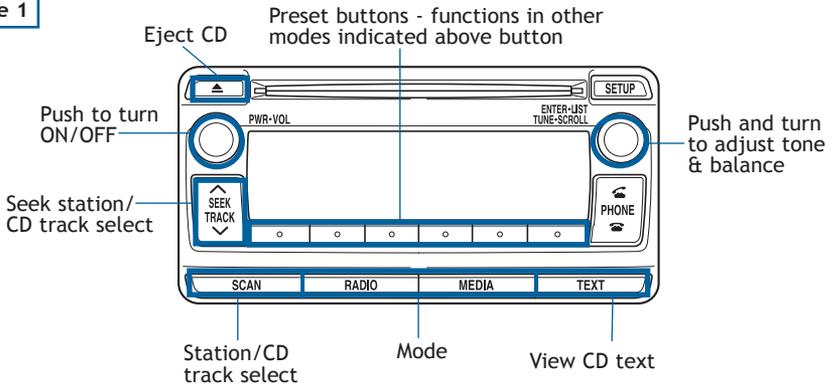
Brightness control



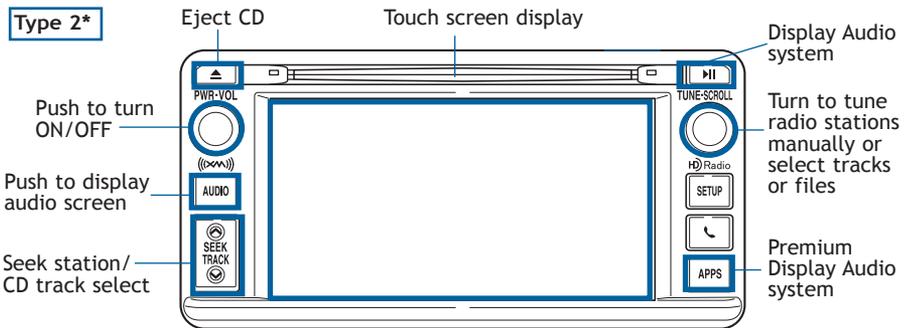
With the dial turned fully up, instrument panel lights will not dim when the headlights are turned ON.

Audio

Type 1



Type 2*



* Refer to the “Display Audio System Owner’s Manual” for instructions and more information.

CD player (Type 1)

To scan tracks on a disc Push “SCAN.” Push again to hold selection.

To select a file (MP3/WMA only) Turn “TUNE-SCROLL.”

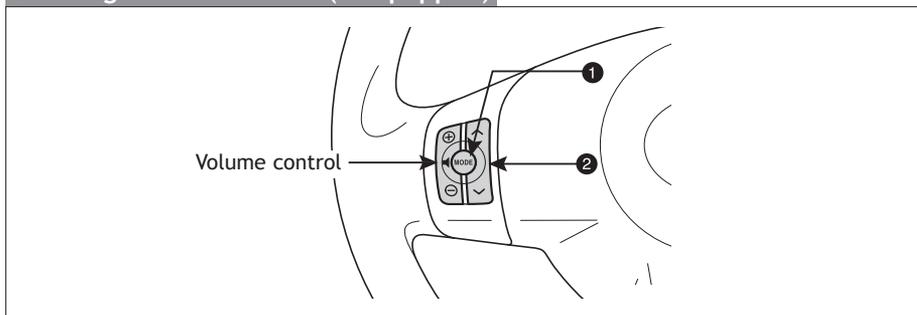
To select a folder (MP3/WMA only) Push “◻” (<) or “◻” (>).

Radio (Type 1)

To preset stations Tune in the desired station and hold down a preset button until you hear a beep. Push desired preset button to select.

To scan stations Push and hold “SCAN” to scan preset stations. Push again to hold selection.

Steering wheel switches (if equipped)



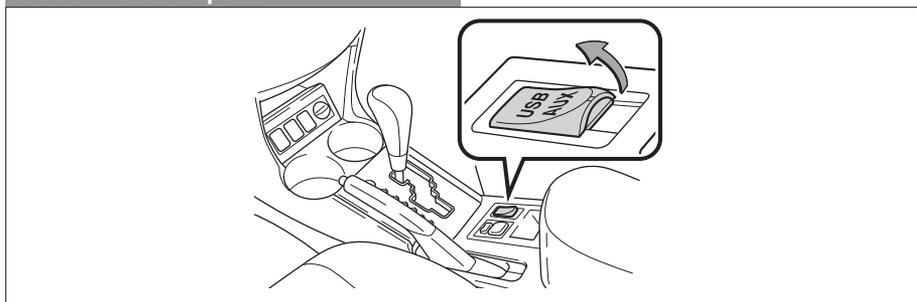
1 “MODE”

Push to turn audio ON and select an audio mode. Push and hold to turn the audio OFF.

2 “▲▼”

Use to search within the selected audio medium (radio, CD, iPod®, etc.).

iPod®/USB/AUX port



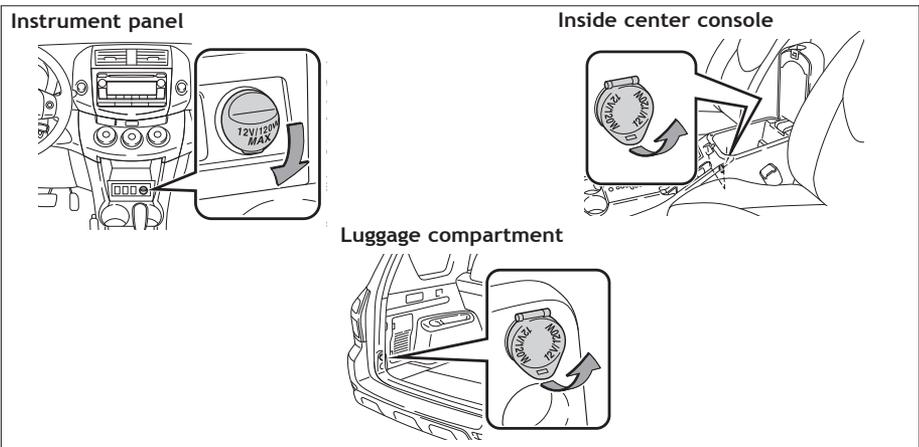
iPod®/USB port

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

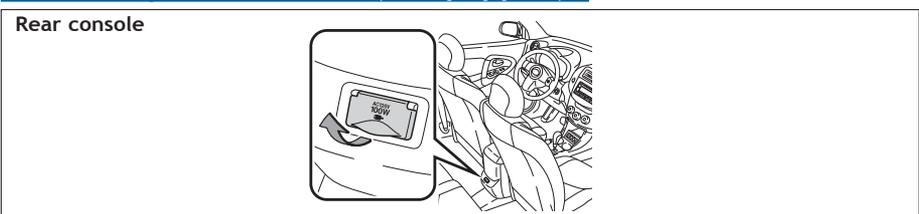
By inserting a mini plug into the AUX port, you can listen to music from a portable audio device through the vehicle's speaker system while in AUX mode.

Power outlets-12V DC



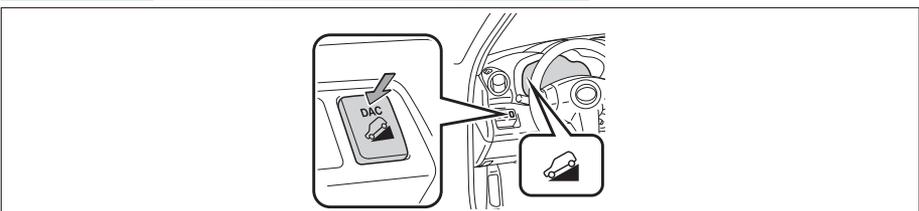
NOTE: Designed for car accessories. Ignition switch/“ENGINE START STOP” switch must be in the “ACC” or “ON” position to be used.

Power outlets-120V AC (if equipped)



NOTE: Ignition switch/“ENGINE START STOP” switch must be in the “ON” position to be used.

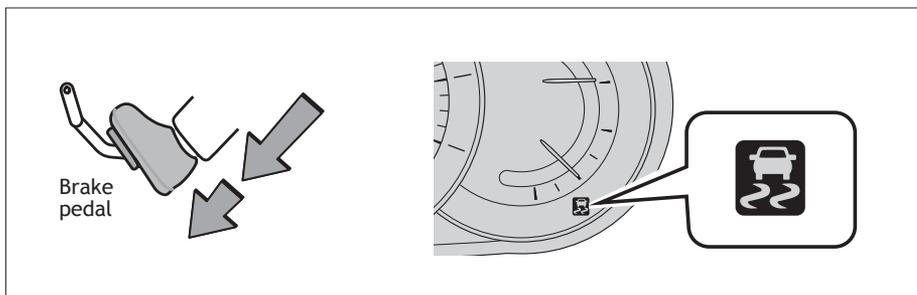
Downhill Assist Control (DAC) (if equipped)



DAC helps the vehicle to descend steep hills while maintaining a low speed without brake pedal operation. Press the “DAC” button (indicator will blink). Shift into L or R to activate (indicator will be solid). Pressing the button again will turn system off.

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

Hill-start Assist Control (HAC) (if equipped)

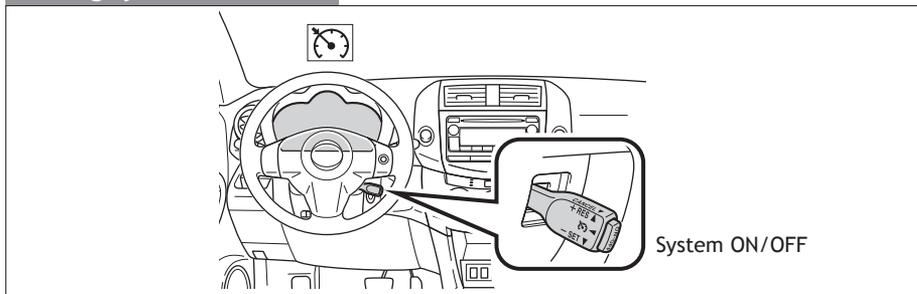


HAC helps prevent rolling backwards on an incline. To engage, push further down on brake pedal while at a complete stop until a beep sounds and slip indicator illuminates. HAC holds for approximately two seconds after releasing brake pedal.

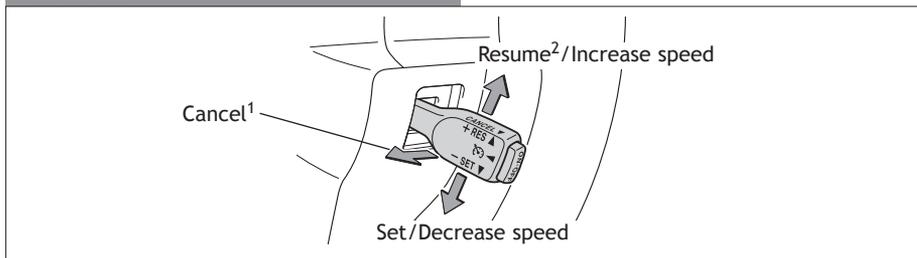
Refer to the *Owner's Manual* for more details.

Cruise control

Turning system ON/OFF



Functions



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

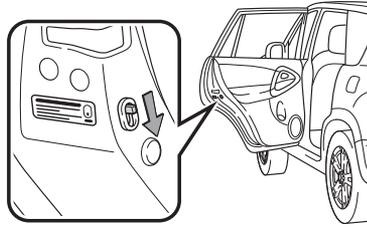
² The set speed may be resumed once vehicle speed exceeds 25 mph.

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

SAFETY AND EMERGENCY FEATURES

Doors-Child safety locks

Rear door



Moving the lever to “LOCK” will allow the door to be opened only from the outside.

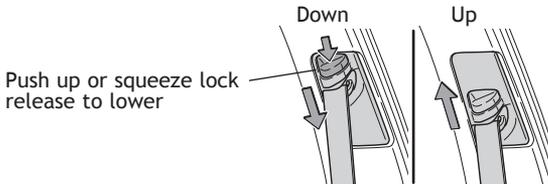
Seat belts



If belt is fully extended, then retracted even slightly, it cannot be 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



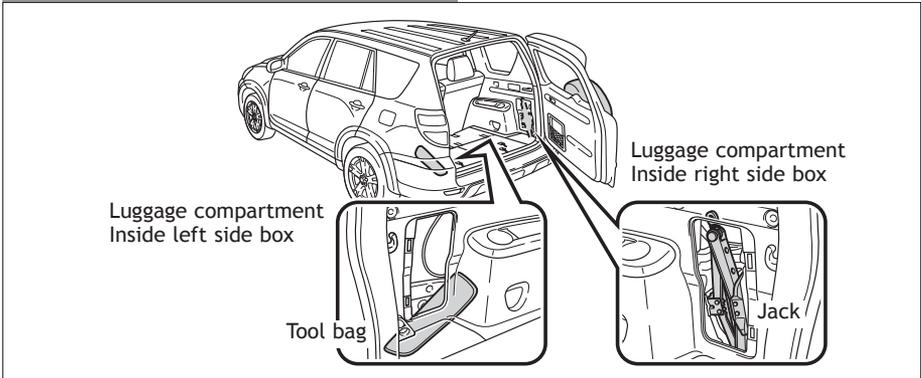
Tire Pressure Monitoring (warning) System

If tire pressure becomes critically low on any of the tires (including the spare), “” indicator will come on. Correctly adjusting tire inflation will turn off the light after a few minutes. If the light does not turn off, have the system checked by your Toyota dealer.

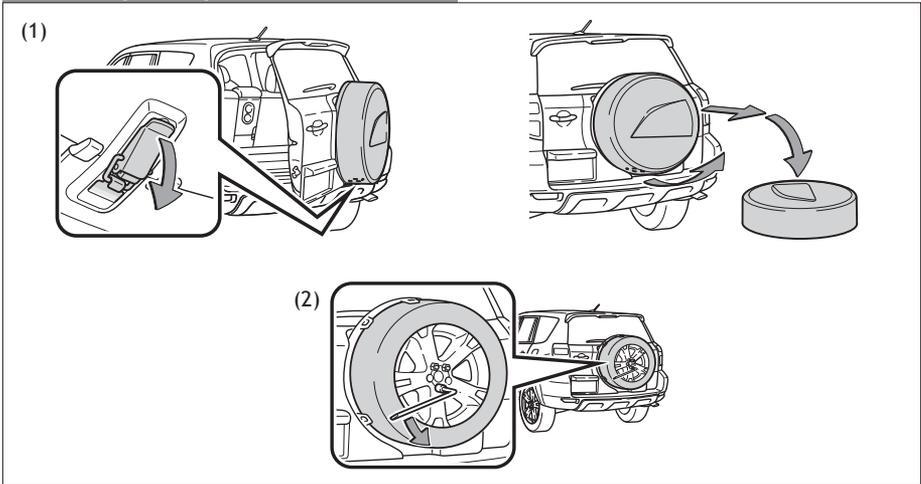
Refer to the *Owner's Manual* for more details.

Spare tire (if equipped) & tools

Tool location



Removing the spare tire



- (1) To remove the spare tire cover,* open the back door. Unhook the latch on the bottom of the cover. Close the back door. Remove the spare tire cover by holding the bottom and lifting it up and away from the vehicle.
- (2) To remove the spare tire, turn the wheel nuts counterclockwise with the wheel nut wrench and remove.

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

* If equipped

SAFETY AND EMERGENCY FEATURES

Star Safety System™

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

Vehicle Stability Control (VSC)

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

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

Traction Control (TRAC)

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

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

Anti-Lock Brake System (ABS)

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

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

Electronic Brake Force Distribution (EBD)

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

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.

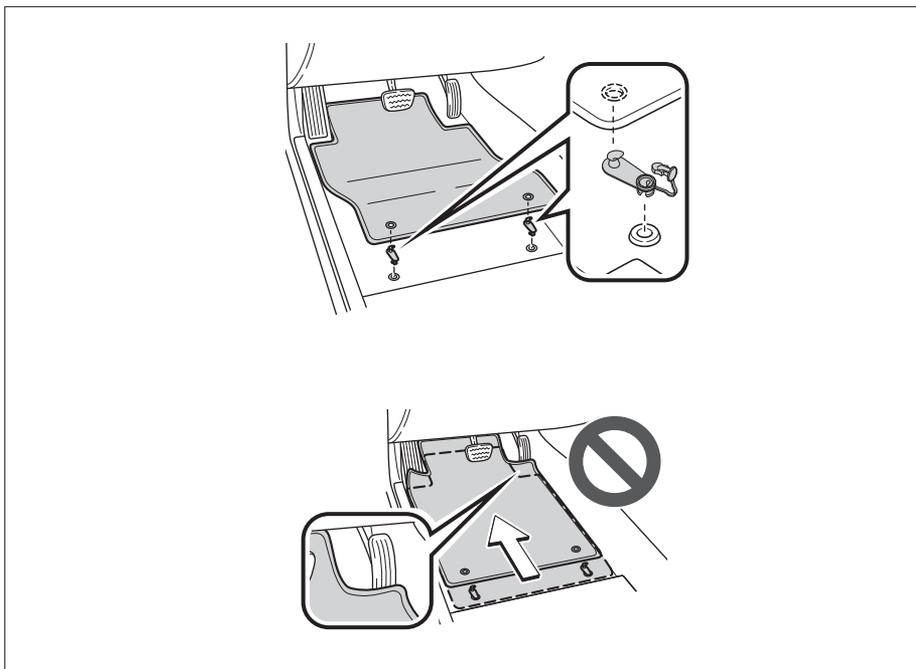
SST doesn't engage if the brake pedal is depressed before the accelerator pedal, allowing vehicles to start on a steep hill and safely accelerate without rolling backward.

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.

For safety, follow these steps:

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





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