



HIGHLANDER
HYBRID
2 0 1 1

QUICK REFERENCE
GUIDE



TOYOTA

2011 Highlander Hybrid

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

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

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

! A word about safe vehicle operations

This *Quick Reference Guide* is not a full description of Highlander Hybrid operations. Every Highlander Hybrid 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	9
Fuel tank door release and cap	8
Hood release	8
Indicator symbols	4-5
Instrument cluster	4
Instrument panel	2-3
Keyless entry¹	6
Light control-Instrument panel	9
Smart Key system^{1,2}	7

FEATURES/OPERATIONS

Air Conditioning/Heating	20-22
Audio	24-25
Auto lock functions¹	11
Bluetooth® audio	25
Clock	19
Cruise control	23
Cup holders	27
Door-Power back	18
EV-Drive Mode	12
Garage door opener (HomeLink®) ³	23
Hill-start Assist Control (HAC)	27
Hybrid Synergy Drive System	10
Lights¹ & turn signals	16
Moonroof	22
Multi-information display²	26
Parking brake	12
Power outlets-12V DC	19
Power outlets-120V AC	19
Seat adjustments-Front	13
Seat adjustments-Rear	13
Seat heaters	22
Seats-Folding down second row seats	15
Seats-Head restraints	14
Seats-Removing Center-Stow second row seat	14
Seats-Returning third row seats	15
Seats-Stowing third row seats	15
Steering lock release	12
Steering wheel controls	26
Telephone controls (Bluetooth®)	18
Tilt and telescopic steering wheel	12
Transmission	11
Windows-Power	17
Windshield wipers & washers	17

SAFETY AND EMERGENCY FEATURES

Doors-Child safety locks	29
Door locks	28
Seat belts	28
Seat belts-Shoulder belt anchor	28
Spare tire & tools	29
Tire Pressure Monitoring (warning) System	28

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

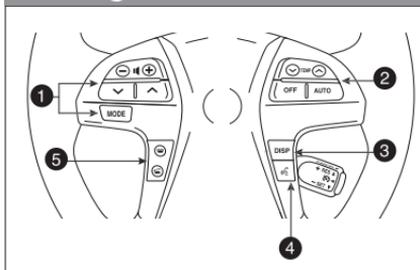
² Programmable by customer. Refer to the Owner's Manual for instructions and more information.

³ HomeLink® is a registered trademark of Johnson Controls, Inc.

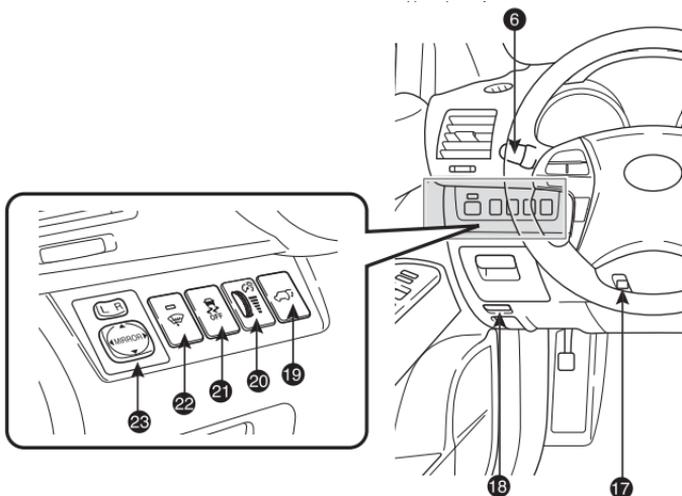
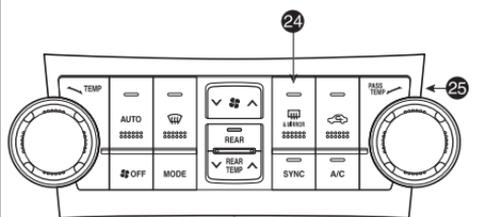
OVERVIEW

Instrument panel

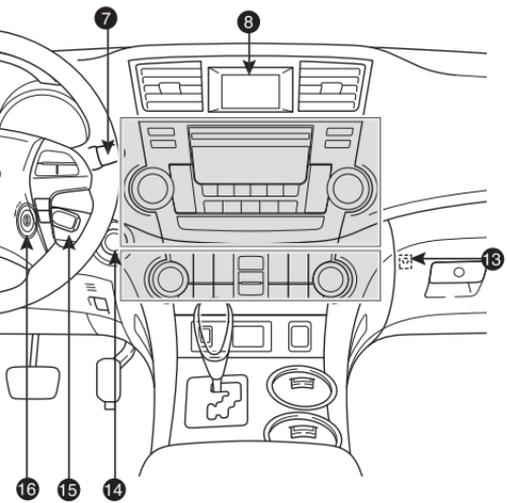
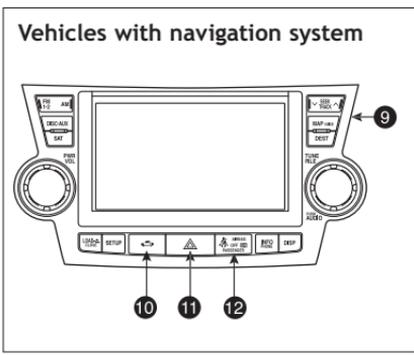
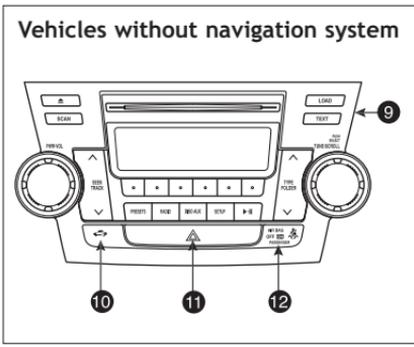
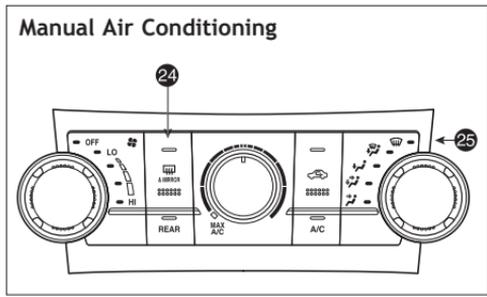
Steering wheel controls



Automatic Air Conditioning



- 1 Steering wheel audio controls
- 2 Steering wheel climate controls¹
- 3 Multi-information display button
- 4 Voice command button²
- 5 Telephone controls²
- 6 Headlight and turn signal controls/Headlight, turn signal and front fog light controls
- 7 Wiper and washer controls
- 8 Multi-information display
- 9 Audio system or navigation system-integrated audio system^{1,2}
- 10 Theft deterrent system/Immobilizer indicator
- 11 Emergency flasher button
- 12 "AIR BAG ON" and "AIR BAG OFF" indicator and front passenger seat belt reminder lights
- 13 Power back door main switch¹
- 14 Power button (Smart Key)¹
- 15 Cruise control

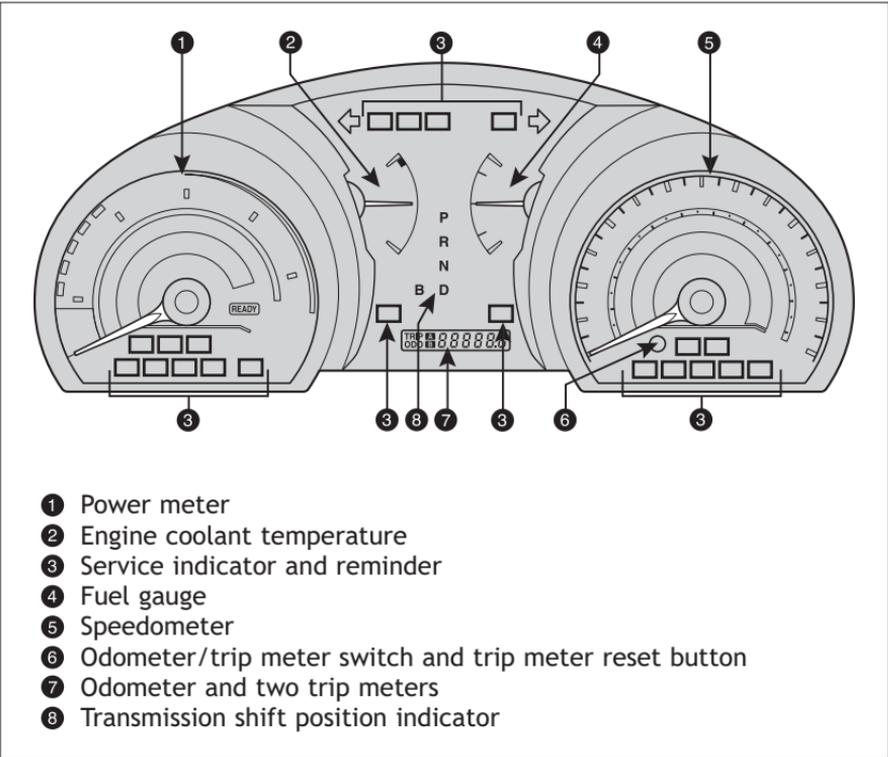


- 16 Ignition (standard key)¹
- 17 Tilt and telescopic steering lock release
- 18 Fuel filler door opener
- 19 Power back door button¹
- 20 Instrument panel light control
- 21 VSC/TRAC off switch
- 22 Windshield wiper de-ice switch¹
- 23 Power outside rearview mirror controls
- 24 Outside rearview mirror¹/Back window defogger button
- 25 Air Conditioning controls

¹ If equipped

² For vehicles with a navigation system, refer to the "Navigation System Owner's Manual."

Instrument cluster



- ❶ Power meter
- ❷ Engine coolant temperature
- ❸ Service indicator and reminder
- ❹ Fuel gauge
- ❺ Speedometer
- ❻ Odometer/trip meter switch and trip meter reset button
- ❼ Odometer and two trip meters
- ❽ Transmission shift position indicator

Indicator symbols

For details, refer to “Indicators and warning lights,” Section 2-2, 2011 Owner’s Manual.

	Brake system warning ¹
	Brake system warning light (yellow indicator) ¹
	Driver seat belt reminder (alarm will sound if speed is over 12 mph)
	Front passenger seat belt reminder (alarm will sound if speed is over 12 mph)
	Charging system warning ¹
	Front passenger occupant classification or front passenger airbag ON/OFF indicator

¹ If indicator does not turn off within a few seconds of starting hybrid system, there may be a malfunction. Have vehicle inspected by your Toyota dealer.

	Malfunction/Check Engine indicator ¹
	Low fuel level warning
	Open door warning
	Airbag SRS warning ¹
	Master warning
	Low Tire Pressure Warning ¹
	Electric power steering system warning ¹
	Theft deterrent/Engine immobilizer system indicator
	Headlight low/high beam indicator
	Turn signal indicator
	READY indicator
	EV-Drive Mode indicator
	Eco Driving Mode indicator
	Front fog light indicator
	Slip indicator/Hill-start Assist Control indicator ¹
	Vehicle Stability Control OFF indicator ¹
	Cruise control indicator ²
	Anti-lock Brake System warning ¹
	Traction control OFF indicator ¹
	Variable economy zone indicator

² If this light flashes, refer to "Cruise control," Section 2-4, 2011 Owner's Manual.

Keyless entry

Locking operation

Without Smart Key system



With power back door



Without power back door

With Smart Key system

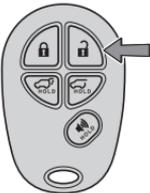


Push

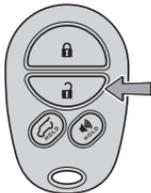


Unlocking operation

Without Smart Key system



With power back door



Without power back door

With Smart Key system

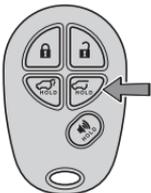


Push ONCE: Driver door
TWICE: All doors



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

Glass hatch operation (if equipped)



With power back door



Without power back door

Push and hold



Power back door operation (if equipped)

Without Smart Key system



With Smart Key system



Push and hold



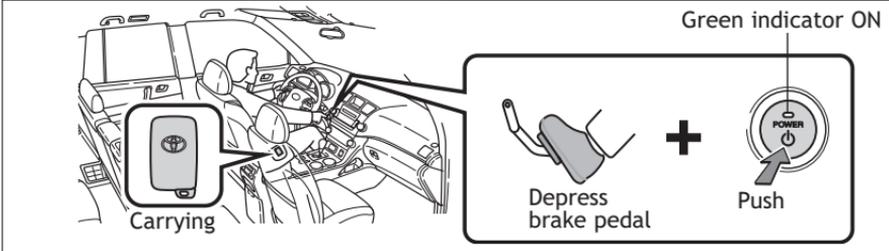
Panic button



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 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.

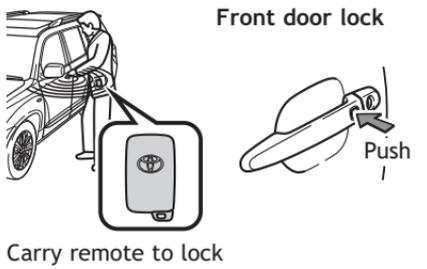
ON

Power ON; Hybrid System is not engaged.

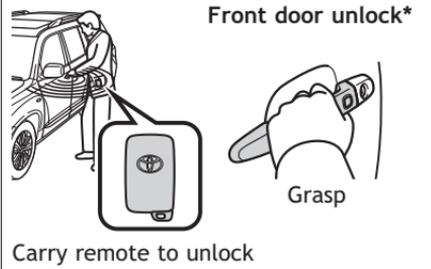
OFF

All systems OFF.

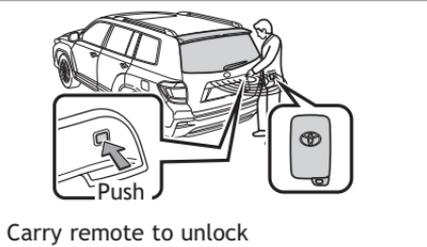
Locking operation



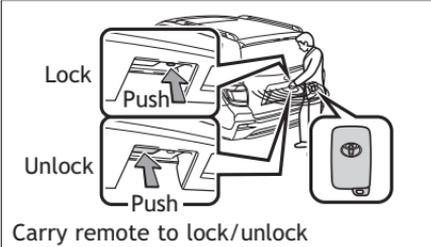
Unlocking operation



Glass hatch unlock



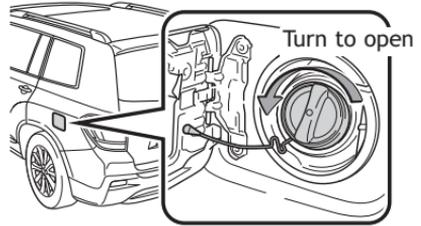
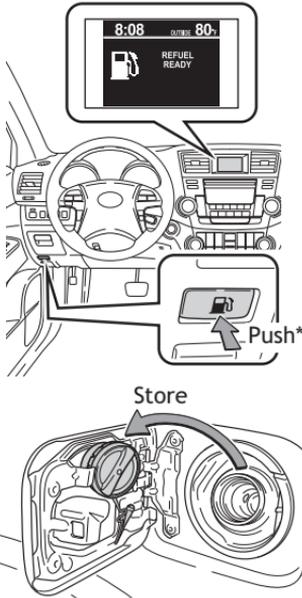
Back door lock/unlock



* 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.

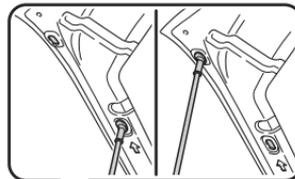
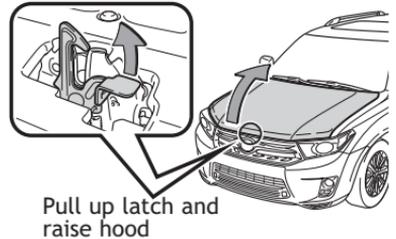
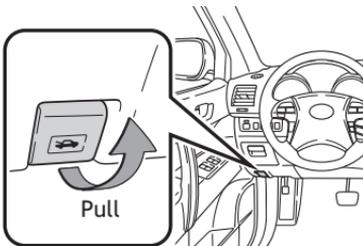
Fuel tank door release and cap



* It may take up to 10 seconds after pushing button for the door to open if the internal tank pressure is high.

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

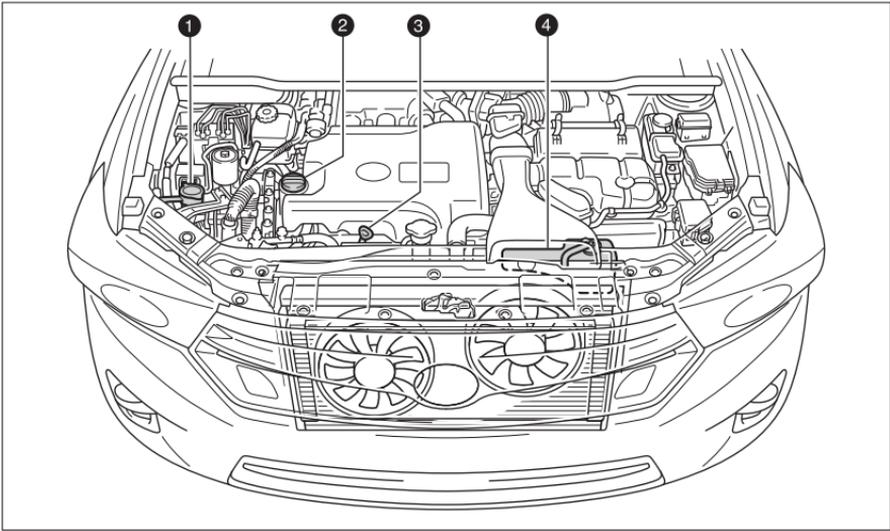
Hood release



Engage support rod



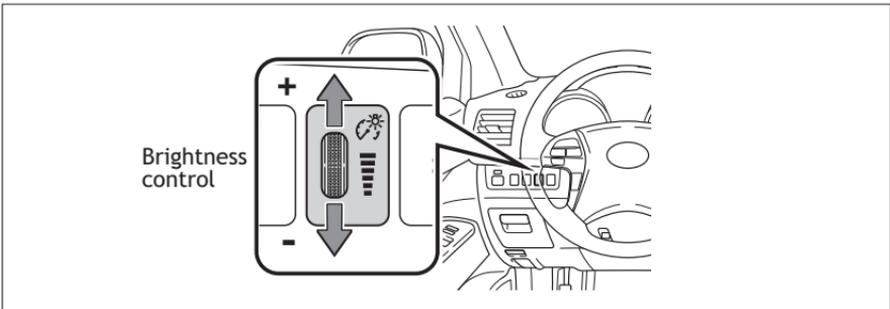
Engine maintenance



- ① Windshield washer fluid tank
- ② Engine oil filler cap
- ③ Engine oil level dipstick
- ④ 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."

Light control-Instrument panel



Brightness control

FEATURES/OPERATIONS

Hybrid Synergy Drive System

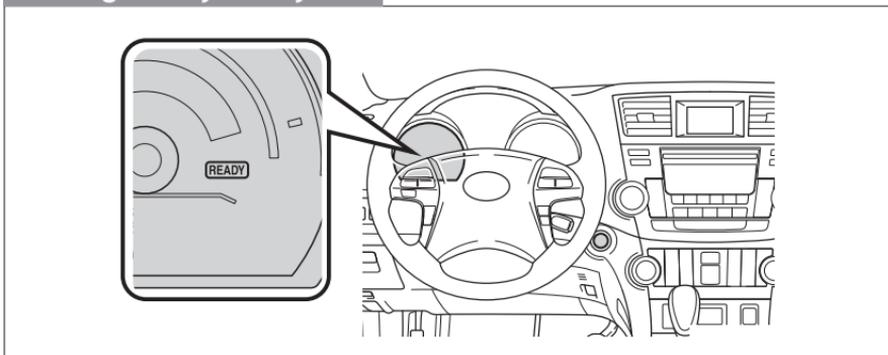
The Hybrid Synergy Drive System utilizes a computer-controlled gasoline engine and electric motor to provide the most efficient combination of power for the vehicle. To conserve energy, when the brakes are applied the braking force generates electricity which is then sent to the traction battery. In 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 is shown on the multi-information display and/or navigation system screen (if equipped).

Tips for improved fuel economy

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

Starting the Hybrid System



- (1) Put the selector lever in "P."
- (2) **Vehicles with Smart Key system:**
Depress the brake pedal, and press the "POWER" switch briefly and firmly.
Vehicles without Smart Key system:
Depress the brake pedal, and turn the key to the "START" position.
- (3) The "READY" light will blink. After a few seconds, when the light remains steady and a beep sounds, you may begin driving.

Auto lock functions

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

- Doors lock when shifting from Park.
- Doors lock when the vehicle speed goes above approximately 12 mph.
- Doors unlock when shifting into Park.

Vehicles without Smart Key system

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

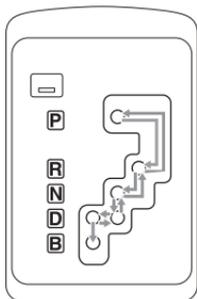
Vehicles with Smart Key system

-Doors unlock when the "POWER" switch is set to OFF and driver's door is opened.

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

Transmission

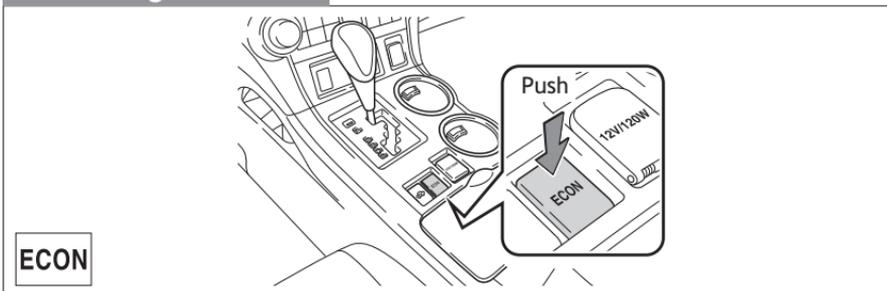
P	Park ¹
R	Reverse
N	Neutral
D	Drive
B	Engine braking ²



¹ The "POWER"/ignition switch must be "ON" and the brake pedal depressed to shift from Park.

² The engine brake is the equivalent of downshifting. Shift to "B" when engine braking is desired (i.e. downhill driving, coasting to a stop, etc.).

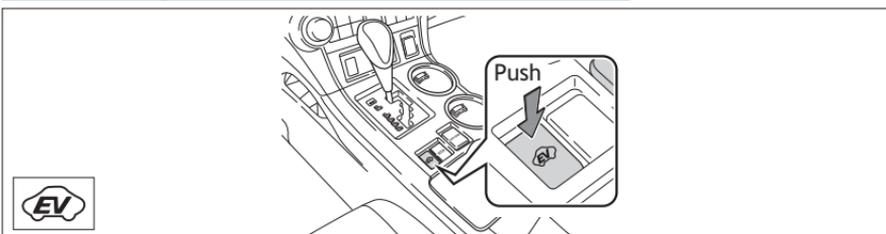
Eco Driving Mode



Eco Driving Mode helps achieve low fuel consumption during trips that involve frequent accelerating and braking.

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

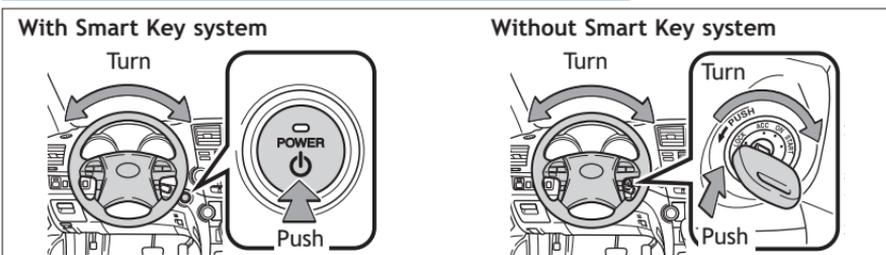
EV-Drive Mode



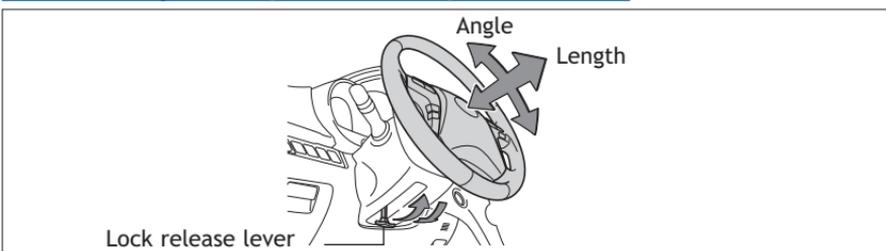
EV-Drive Mode allows the electric motor (traction motor), powered by the hybrid battery (traction battery), to be used to drive the vehicle.

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

Steering lock release



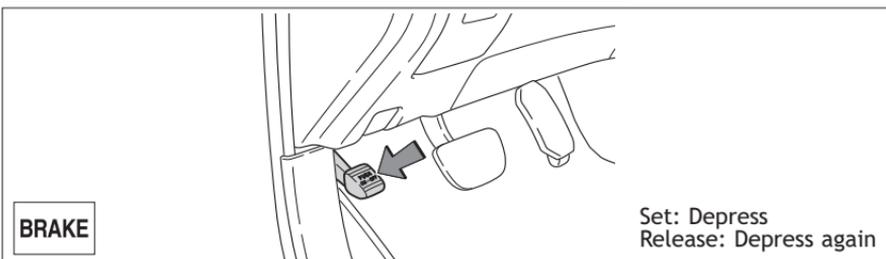
Tilt and telescopic steering wheel



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

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

Parking brake

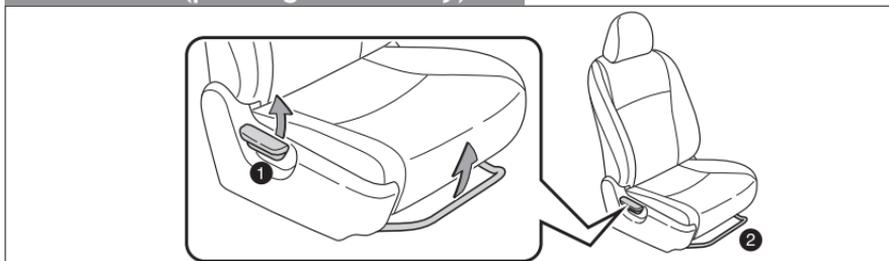


BRAKE

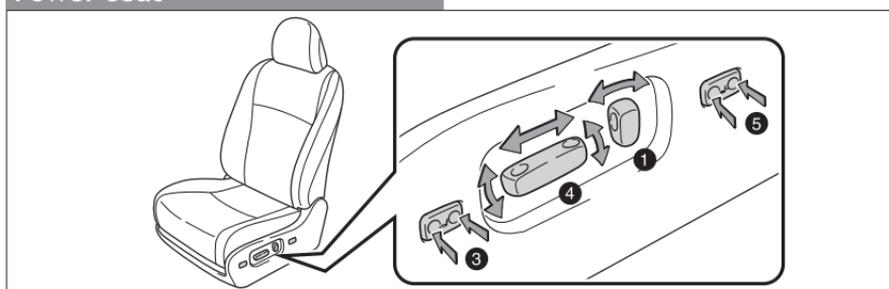
Set: Depress
Release: Depress again

Seat adjustments-Front

Manual seat (passenger side only)



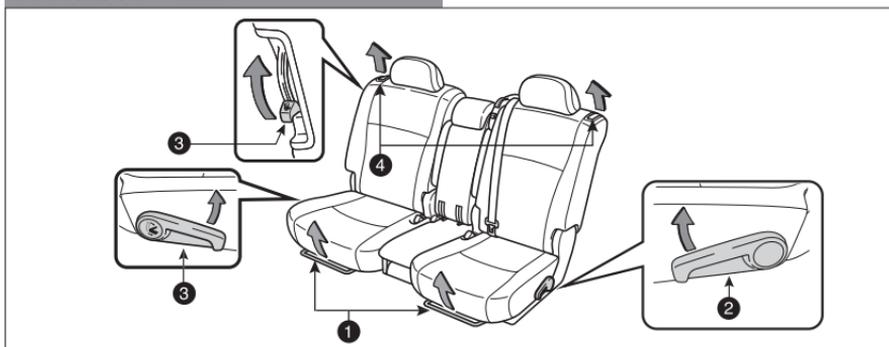
Power seat



- ❶ Seatback angle
- ❷ Seat position (forward/backward)
- ❸ Driver seat leg support (if equipped)
- ❹ Seat position, cushion angle and height
- ❺ Lumbar support (driver side only)

Seat adjustments-Rear

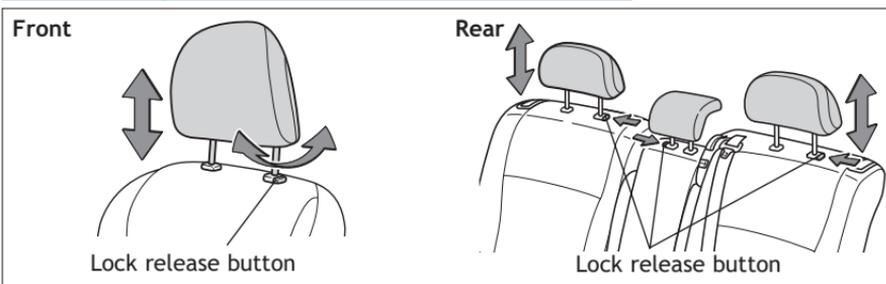
Second row seat



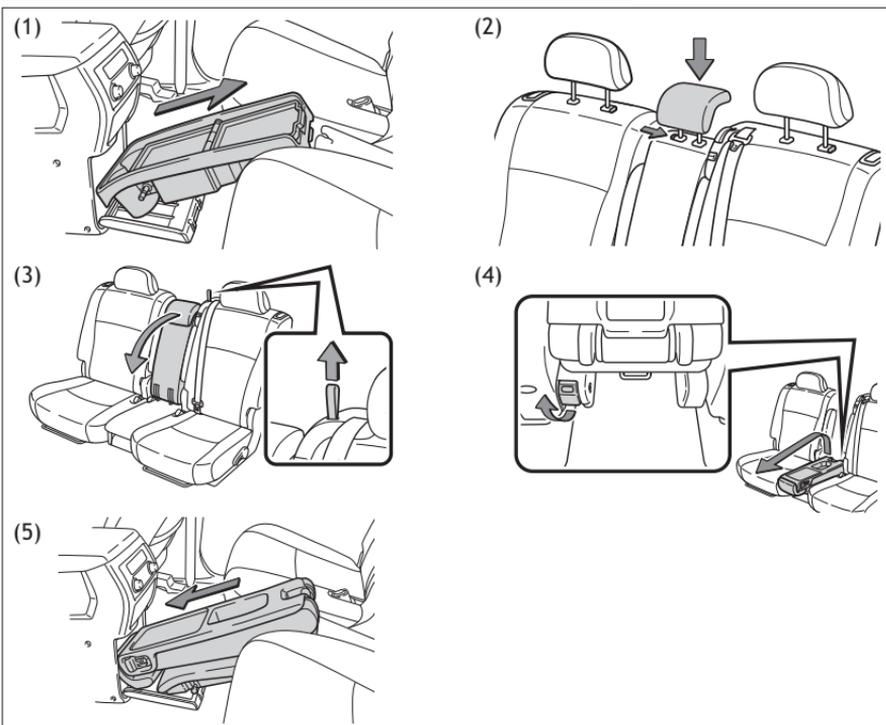
- ❶ Seat position (forward/backward)
- ❷ Seatback angle
- ❸ Third seat access lever
- ❹ Seatback release

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

Seats-Head restraints



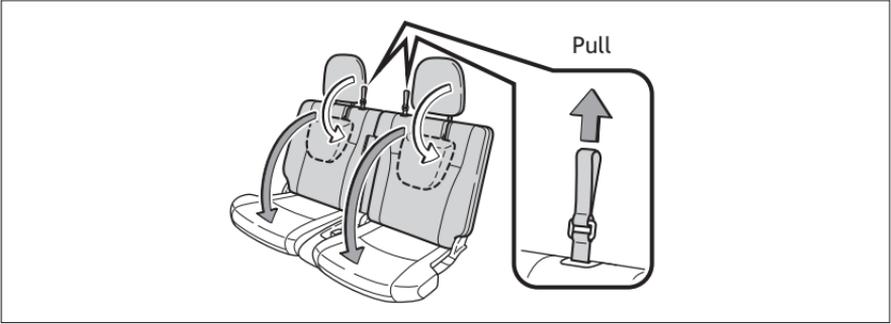
Seats-Removing Center-Stow second row seat



- (1) Remove the second row console from the front center console box.
- (2) Lower the center head restraint.
- (3) Pull the strap, then fold down the seatback.
- (4) Pull the lever behind the second center seat and lift the rear of the seat to remove.
- (5) Stow the seat in the front center console box.

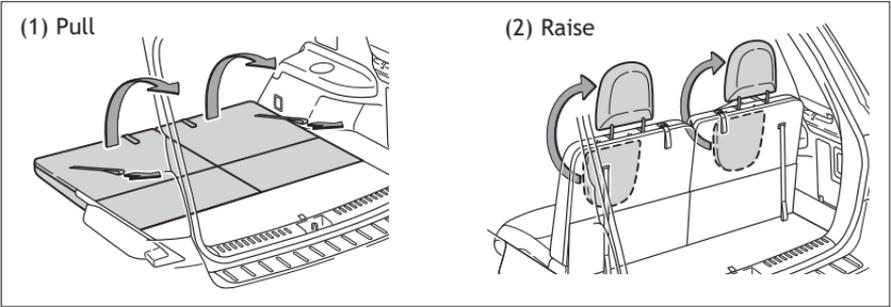
NOTE: The second-row console can now be installed between the second row seats.

Seats-Stowing third row seats



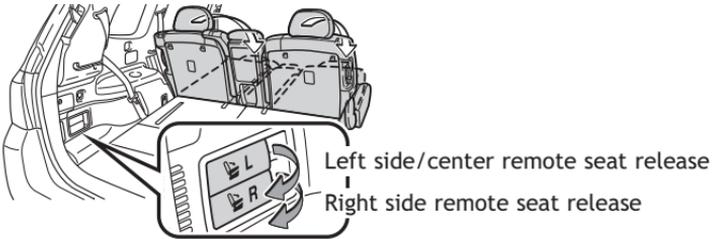
Refer to the *Owner's Manual* for more details.

Seats-Returning third row seats

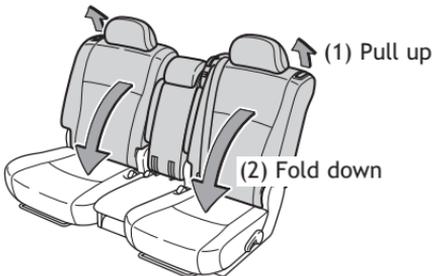


Seats-Folding down second row seats

From outside

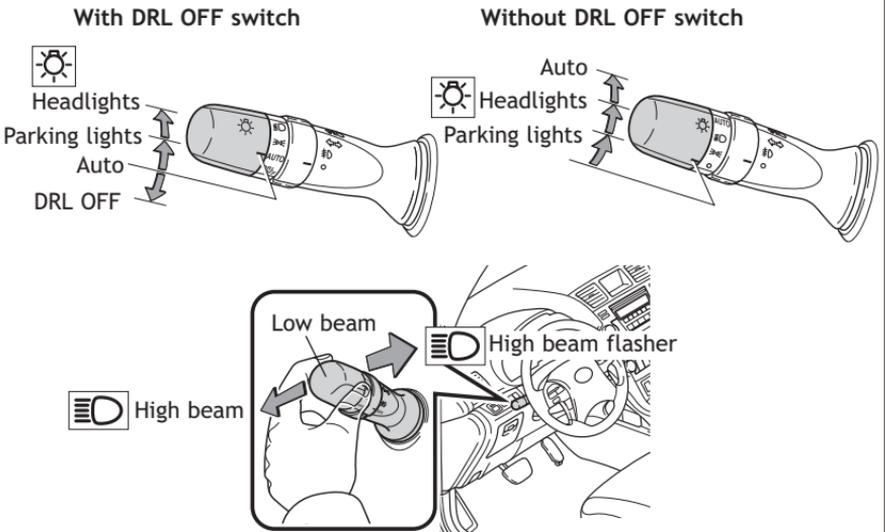


From inside



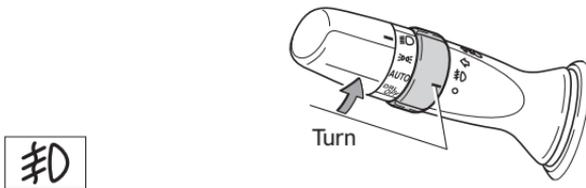
Lights & turn signals

Headlights



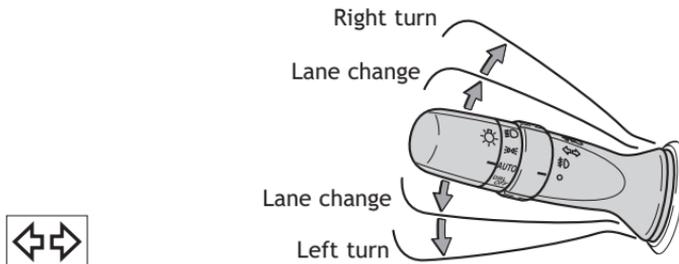
- Daytime Running Light system (DRL) (if equipped)** Automatically turns on the turn signal lights at a reduced intensity.
- Automatic light cutoff system** Lights automatically turn off after a delay of 30 seconds, or when lock switch on remote is pushed after all doors are locked.

Front fog lights



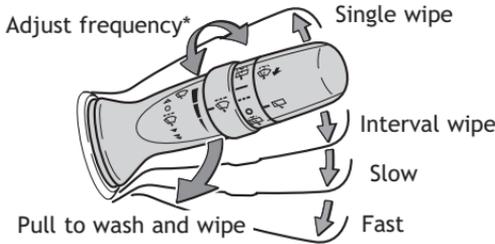
Front fog lights come on only when the headlights are on low beam.

Turn signals



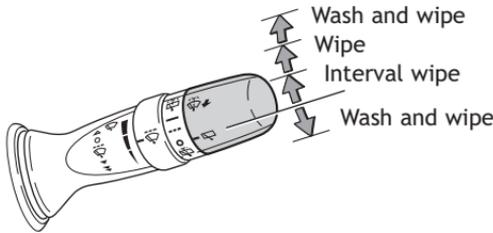
Windshield wipers & washers

Front



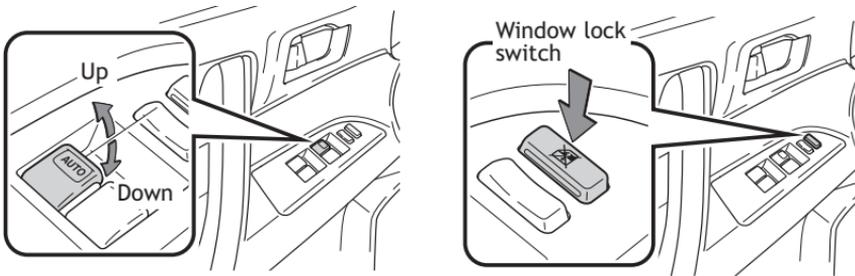
* Intermittent windshield wiper frequency adjustment
Rotate to increase/decrease wipe frequency.

Rear



Windows-Power

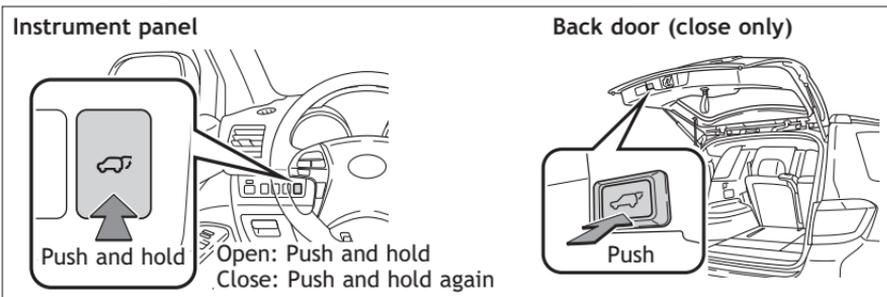
Driver side



Automatic operation (driver's window 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.

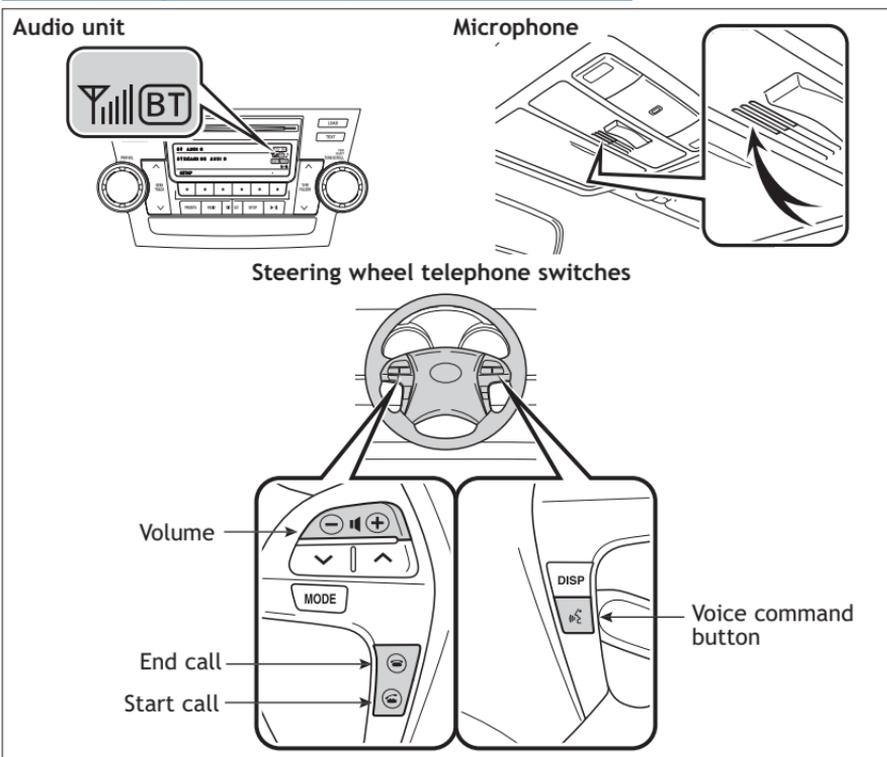
Window lock switch Deactivates all passenger windows. Driver's window remains operable.

Door-Power back (if equipped)



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

Telephone controls (Bluetooth®)

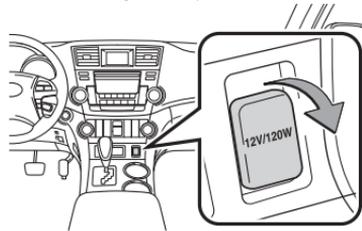


Bluetooth® technology allows dialing or receipt of calls without taking hands from the steering wheel or using a cable to connect the telephone and the system.

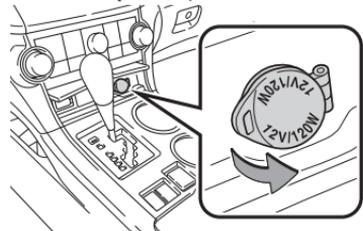
Refer to "Using the hands-free phone system (for cellular phone)," Section 3-4 in the *Owner's Manual*, or go to Toyota.LetsTalk.com for more information about phone connections and compatibility.

Power outlets-12V DC

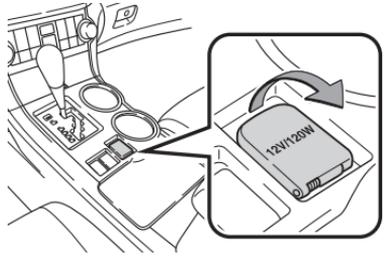
Instrument panel (with seat heater)



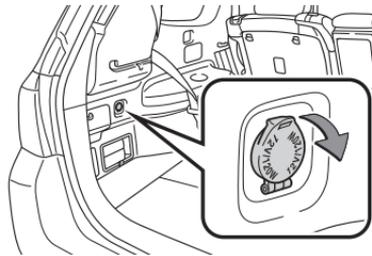
Instrument panel (without seat heater)



Center console



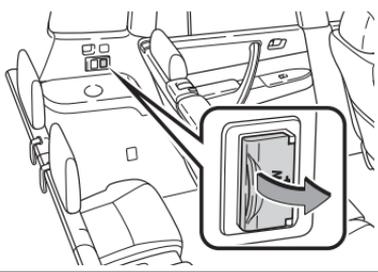
Luggage compartment



The "POWER"/ignition switch must be set at "ACC" or "ON" position to be used.

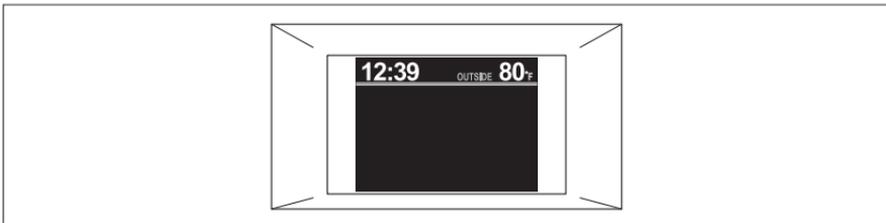
Power outlets-120V AC (if equipped)

Beside second row seat



The "POWER"/ignition switch must be set at "ON" position to be used.

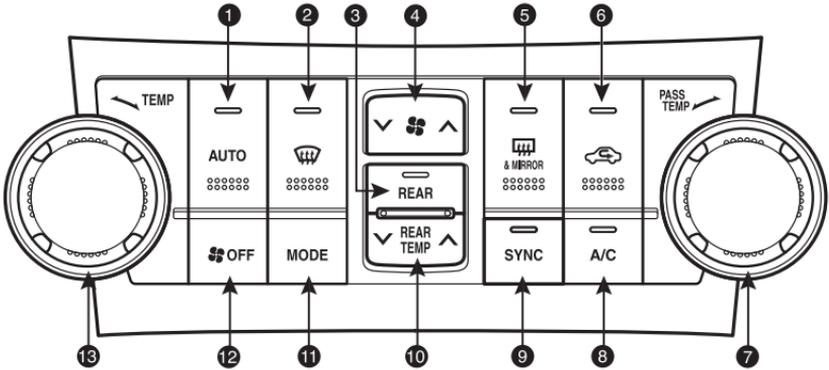
Clock



Press and hold "DISP" button. Select "CLOCK" on menu screen. Adjust as indicated on screen.

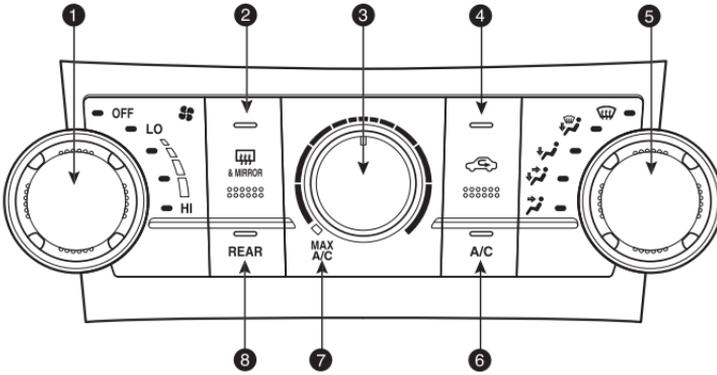
Air Conditioning/Heating

Front automatic Air Conditioning



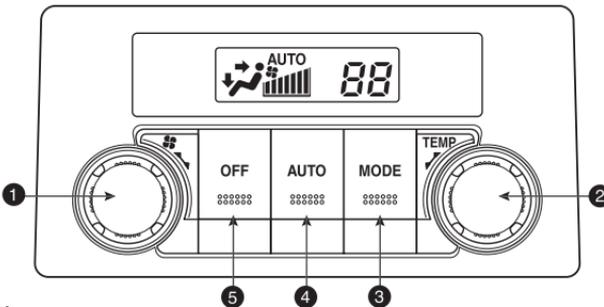
- 1 Automatic climate control ON
Adjusting the temperature setting will cause the airflow vents, air intake and fan to adjust automatically.
- 2 Windshield airflow/defogger
- 3 Rear Air Conditioning ON/OFF
- 4 Fan speed
- 5 Outside rearview mirror (if equipped)/Back window defogger
- 6 Recirculate cabin air (fresh air when OFF)
- 7 Temperature selector (front passenger side)
- 8 Air Conditioning ON/OFF
- 9 "SYNC" button
Indicator ON: Separate temperature settings for driver, front passenger and rear passengers.
Indicator OFF: Synchronize temperature settings for driver and all passengers.
- 10 Temperature selector (rear)
- 11 Airflow vent
In "☁" or "☁" mode, use fresh air ("☁" indicator OFF) to reduce window fogging.
- 12 Climate control OFF
- 13 Temperature selector (driver side)

Front manual Air Conditioning



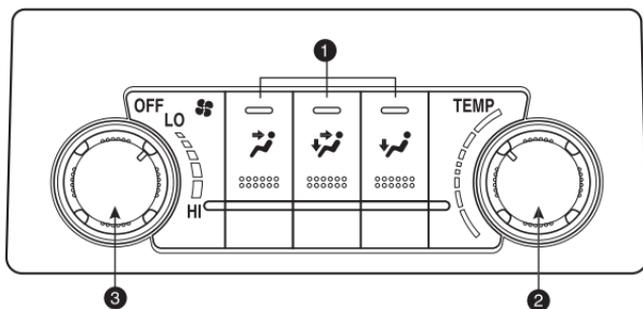
- ❶ Fan speed
- ❷ Outside rearview mirror (if equipped)/Back window defogger
- ❸ Temperature selector
- ❹ Recirculate cabin air (fresh air when OFF)
- ❺ Airflow vent
In "☁" or "☁" mode, use fresh air ("☁" indicator OFF) to reduce window fogging.
- ❻ Air Conditioning ON/OFF
Use fresh air to quickly cool interior, then change to recirculate for cooler air.
- ❼ Use for quick cooling. Air intake will automatically be set to recirculate.
- ❽ Rear Air Conditioning ON/OFF

Rear automatic Air Conditioning



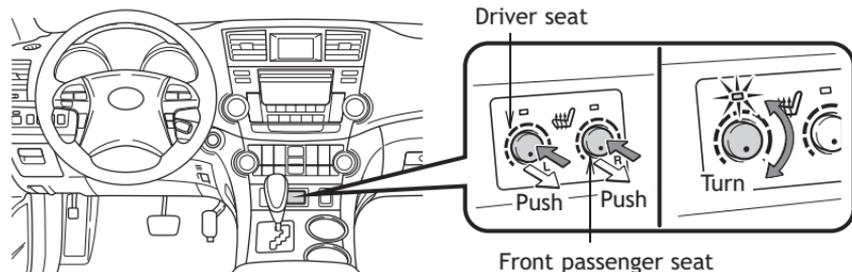
- ❶ Fan speed
- ❷ Temperature selector
- ❸ Airflow vent
- ❹ Automatic climate control ON
- ❺ Climate control OFF

Rear manual Air Conditioning



- 1 Airflow vent
- 2 Temperature selector
- 3 Fan speed

Seat heaters (if equipped)

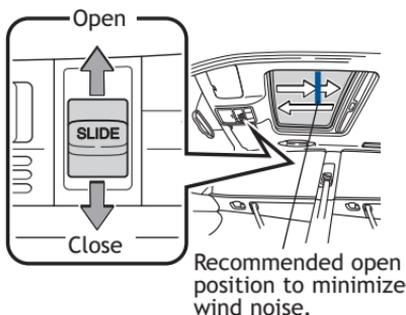


Push knob to pop the controller out. Turn clockwise for heater.

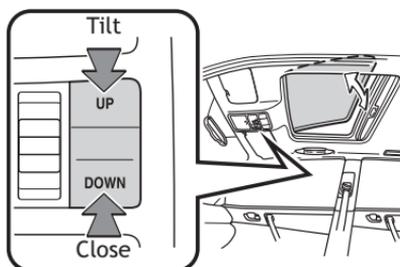
Moonroof (if equipped)

Sliding operation

Push once to open partway;
again to open completely.

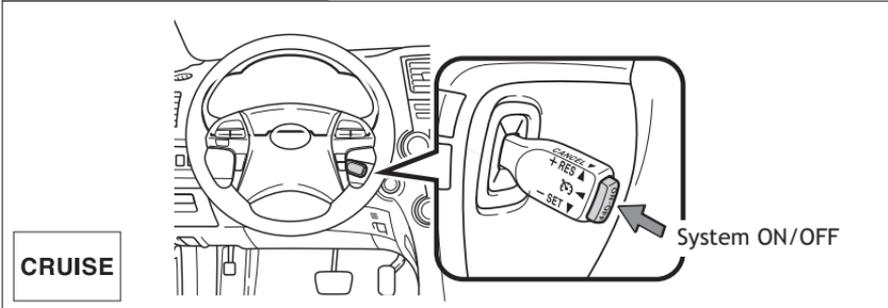


Tilting operation



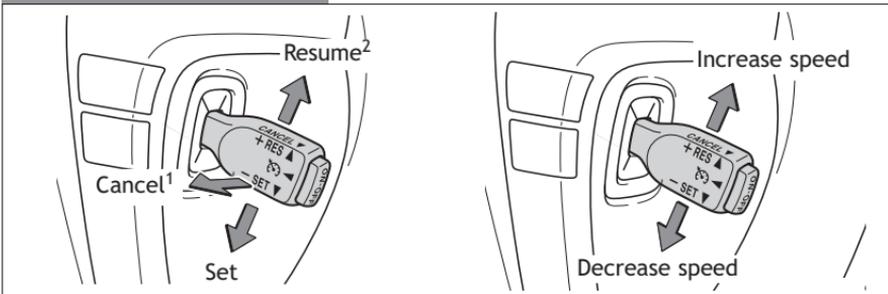
Cruise control

Turning system ON/OFF



CRUISE

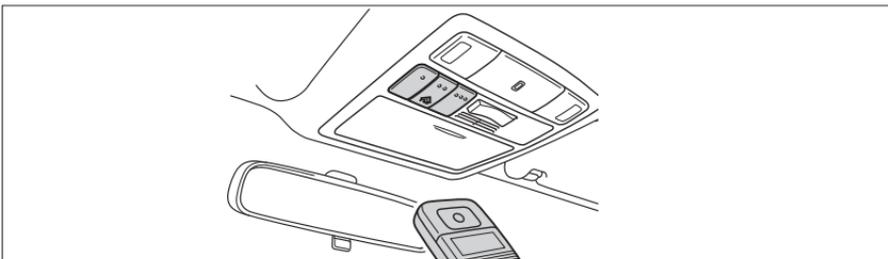
Functions



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.

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

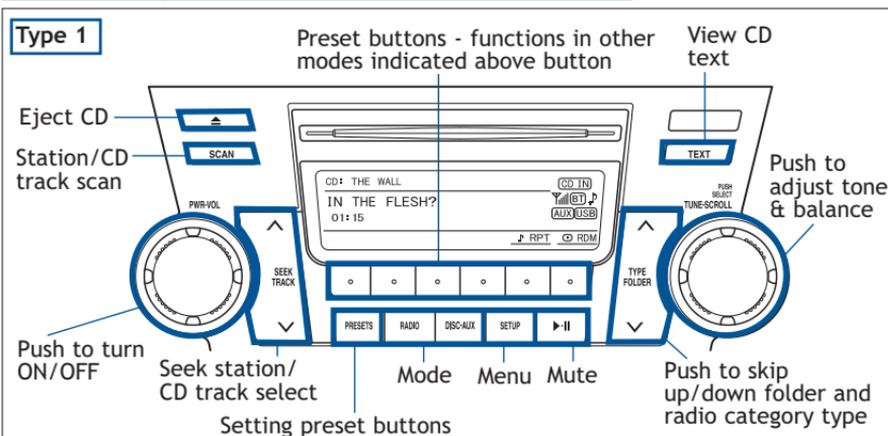


Garage door openers manufactured under license from HomeLink®* can be programmed to operate garage doors, estate gates, security lighting, etc. Refer to "Garage door opener," Section 3-7 in the *Owner's Manual* for more details.

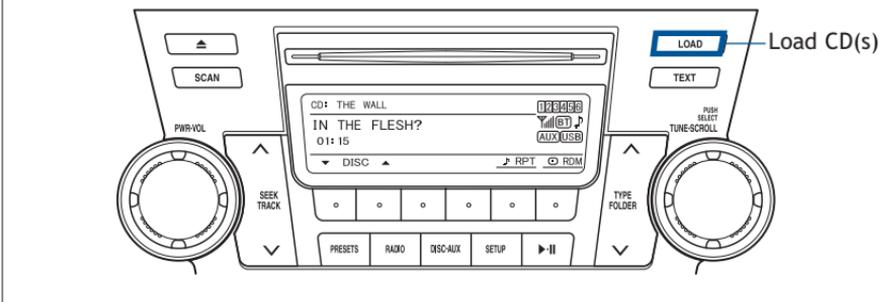
For programming assistance, contact HomeLink® at 1-800-355-3515, or visit <http://www.homelink.com>.

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

Audio



Type 2 additional functions



CD player

To scan tracks on a disc Push and hold "SCAN." Push again to hold selection.

CD changer (Type 2 only)

-To load one disc Push "LOAD" and insert one disc.

-To load multiple discs Push and hold "LOAD" until you hear a beep.

Insert one disc. Shutter will close and then re-open for next disc.

To select a file (MP3/WMA only) Turn "TUNE-SCROLL" or press "V" or "A" on .

To select a folder (MP3/WMA only) Push either side of "TYPE-FOLDER."

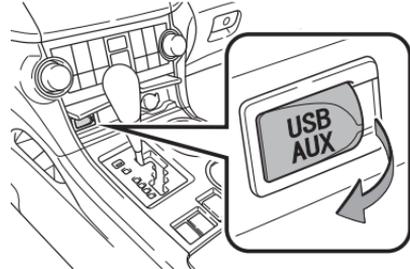
Radio

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

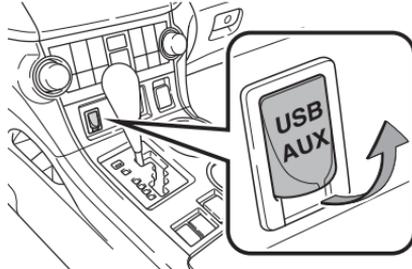
To scan stations Push and hold "SCAN" to scan preset stations. Push again to hold selection.

USB/AUX port

Without seat heater



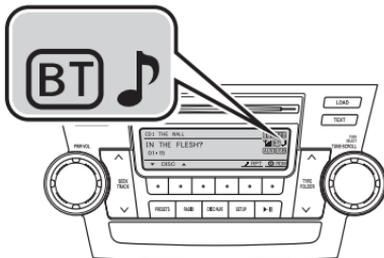
With seat heater



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

Bluetooth® audio

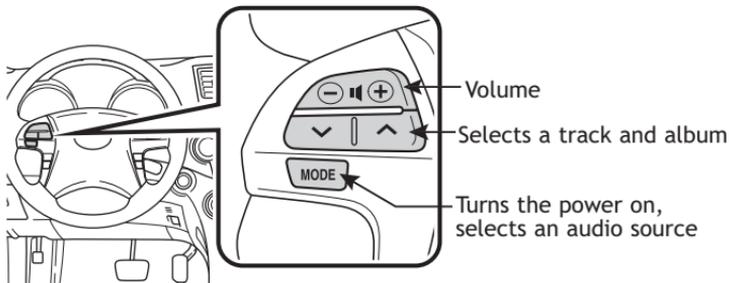
Audio unit



Microphone



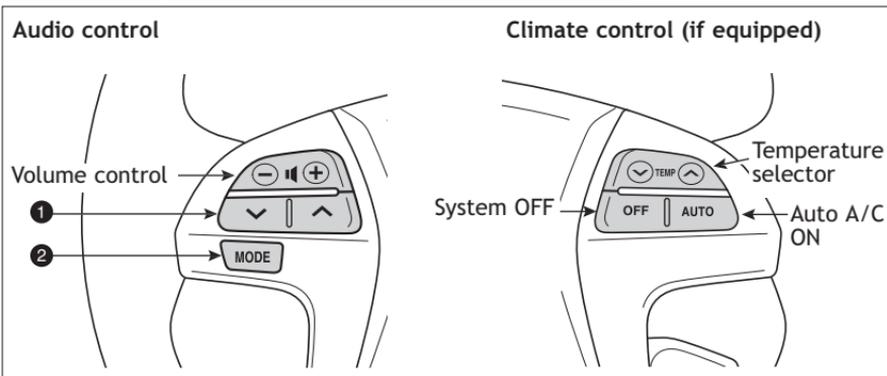
Steering wheel audio switches



The Bluetooth® audio system enables you to enjoy music played on a portable digital audio player from the vehicle speaker via wireless communication.

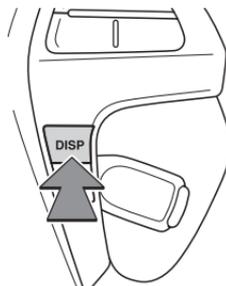
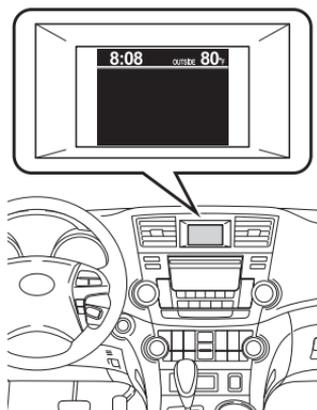
Refer to "Using the Bluetooth® audio system," Section 3-3 in the *Owner's Manual* for more details.

Steering wheel controls



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

Multi-information display

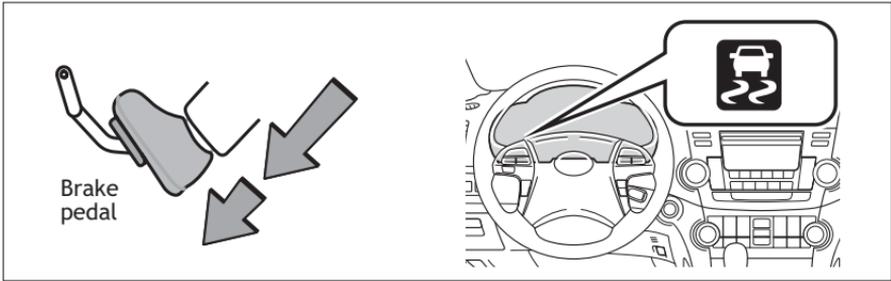


Push "DISP" to change information in the following:

- (1) Average gas mileage after refueling
- (2) Current gas mileage
- (3) Miles left on remaining fuel
- (4) Driving distance from hybrid system start
- (5) Average gas mileage
- (6) Average gas mileage history
- (7) Current tire pressure
- (8) Energy monitor

Push and hold "DISP" to set up the displays (including the rearview monitor display).

Hill-start Assist Control (HAC)

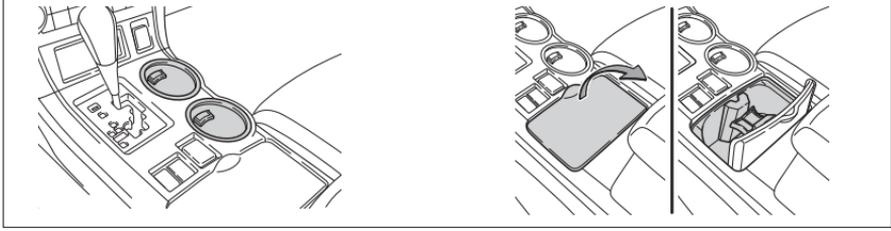


HAC helps prevent rolling backwards on an incline. To engage, push further down on brake pedal while at a complete stop until a beep sounds and slip indicator illuminates. HAC holds for approximately 2 seconds after releasing brake pedal.

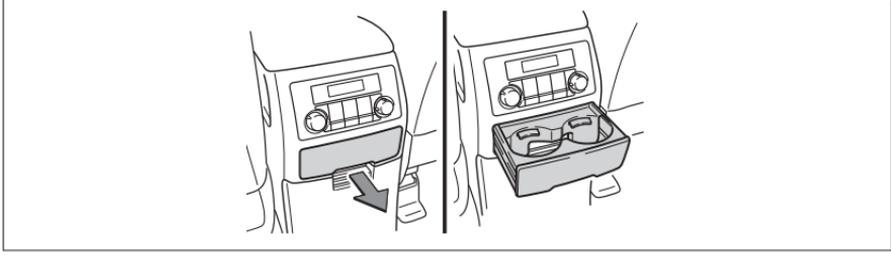
Refer to the *Owner's Manual* for more details.

Cup holders

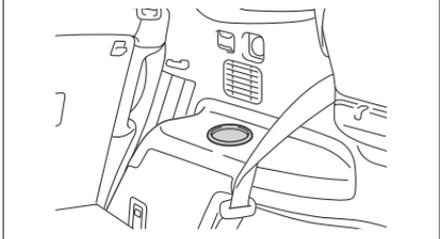
Front



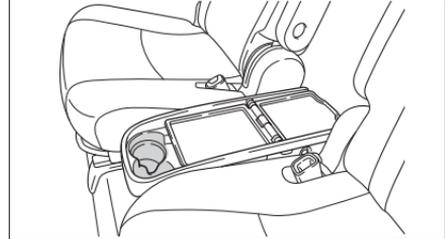
Console box



Rear

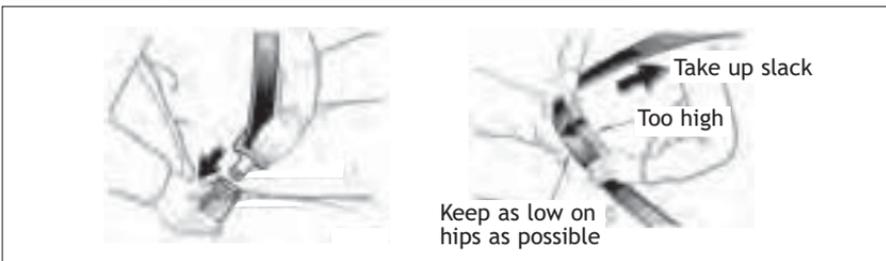


Side table



SAFETY AND EMERGENCY FEATURES

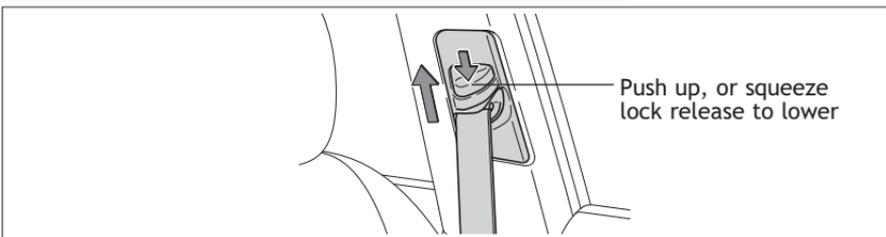
Seat belts



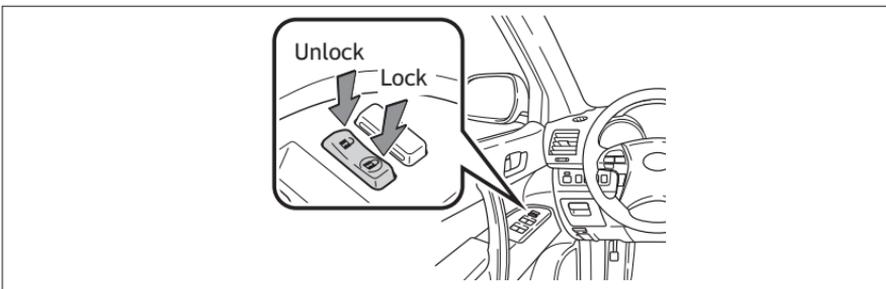
If belt is fully extended, then retracted even slightly, it cannot be re-extended beyond that point, unless fully retracted again. This feature is used to help hold child restraint systems securely.

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



Door locks



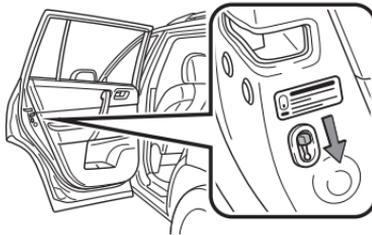
Tire Pressure Monitoring (warning) System

If tire pressure becomes critically low on any of the tires (including the spare), “” indicator light illuminate. 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.

Doors-Child safety locks

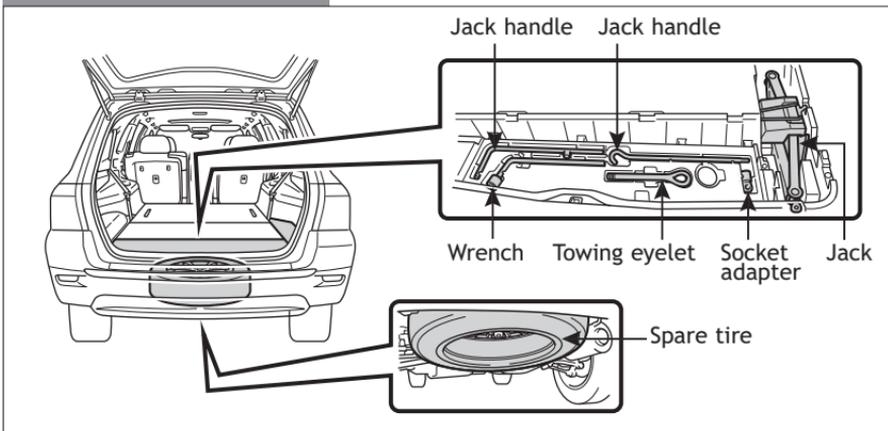
Rear door



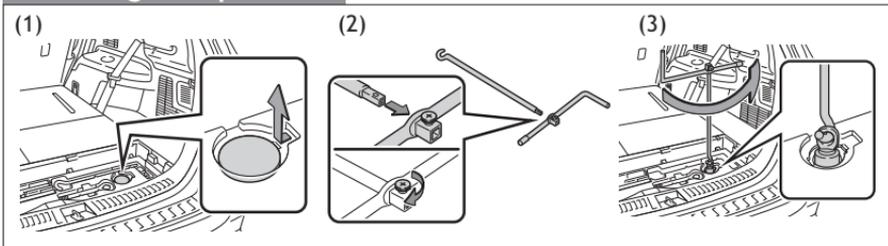
Moving the lever to "LOCK" will allow the door to be opened only from the outside.

Spare tire & tools

Tool location



Removing the spare tire



- (1) Remove the cover under the center deck board to find the spare tire clamp bolt.
- (2) Assemble the jack handle.
- (3) Put the socket adapter on the spare tire clamp bolt. Loosen the bolt by turning it counterclockwise with the jack handle.

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



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