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HIGHLANDER

HYBRID

POWERED
BY



2006
Pocket Reference Guide

2006 Highlander

This Pocket Reference Guide is a summary guide for 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 Pocket 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 Highlander.

! A word about safe vehicle operations

This Pocket Reference Guide is not a full guide to Highlander operations. Every Highlander owner should review the Owner's Manual that accompanies this vehicle.

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

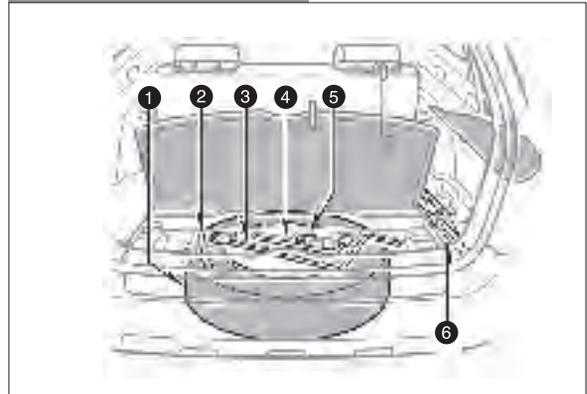
CAUTION

Utility vehicles have a significantly higher rollover rate than other types of vehicle. Refer to the Owner's Manual for important rollover information.

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

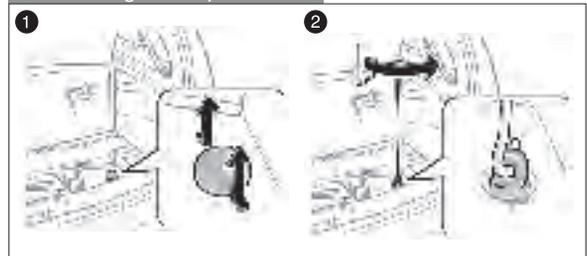
Spare tire & tools

Tool location



- 1 Spare tire
- 2 Front towing eyelet
- 3 Jack handle
- 4 Wheel nut wrench
- 5 Adapter socket
- 6 Jack

Removing the spare tire



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

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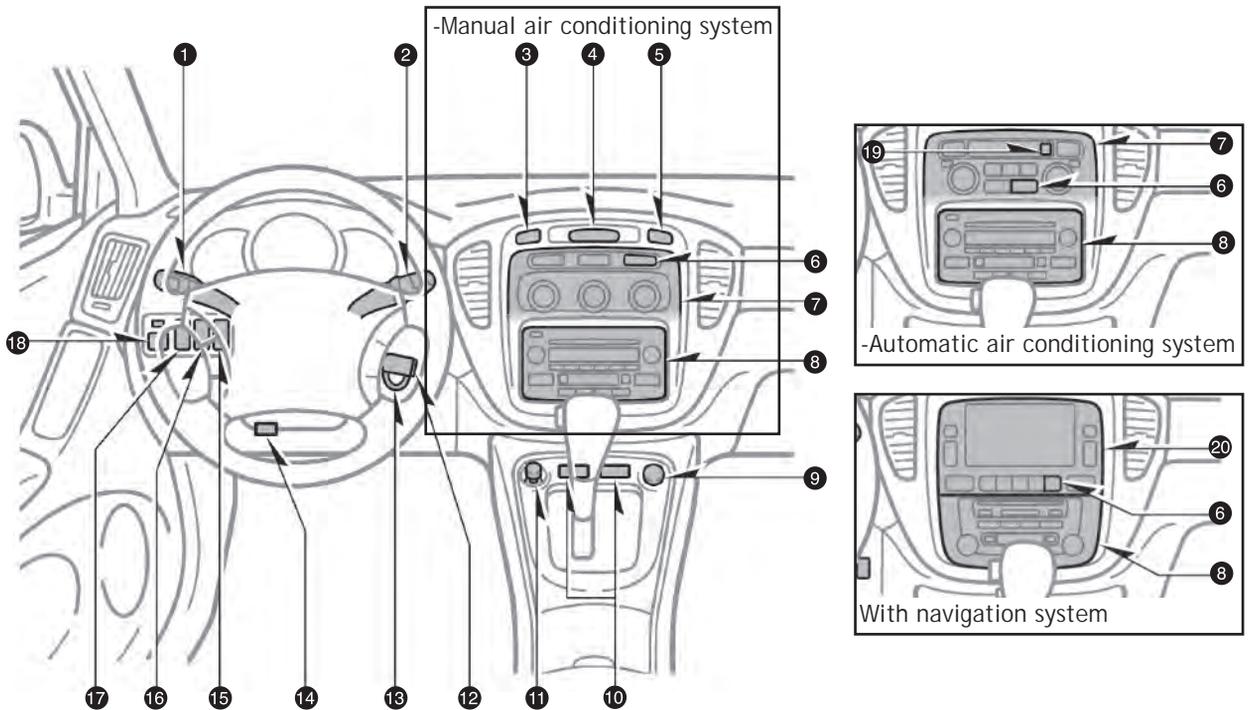
¹ Programmable by consumer. Refer to the Owner's Manual for instructions and more information.

² Auto light sensitivity is programmable. Visit your Toyota dealer for information on customizing this feature.

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

OVERVIEW

Instrument panel



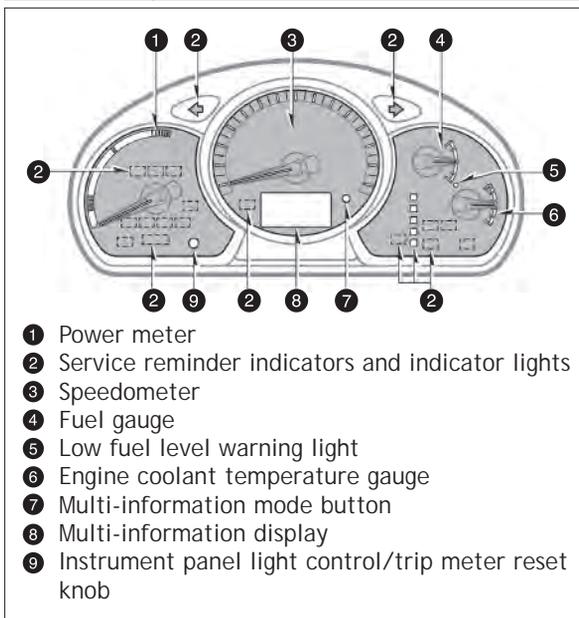
- ❶ Headlight, turn signal and front fog light¹ controls
- ❷ Wiper and washer controls
- ❸ Emergency flasher switch
- ❹ Clock²
- ❺ Front passenger's seat belt reminder light
- ❻ Rear window and outside rearview mirror defogger¹ and windshield wiper de-icer¹ switch
- ❼ Air conditioning controls and trip information display¹
- ❽ Audio²
- ❾ Front passenger airbag ON-OFF indicator lights
- ❿ Seat heater switches¹
- ⓫ Cigarette lighter

- ⓬ Cruise control
- ⓭ Ignition switch
- ⓮ Tilt steering lock release
- ⓯ 115V Power outlet main switch¹
- ⓰ Rear heater main switch¹
- ⓱ Theft deterrent system/Engine immobilizer indicator light¹
- ⓲ Power rear view mirror controls
- ⓳ Trip information button
- ⓴ Navigation system including air conditioning controls²

¹ If equipped

² For vehicles equipped with Navigation system, refer to the Navigation System Owner's Manual

Instrument cluster



-  Master warning¹
-  Driving ready light
-  "AIRBAG ON" indicator
-  "AIRBAG OFF" indicator
-  Turn signal indicator
-  Headlight indicator
-  Headlight high beam indicator
-  Transmission indicator
-  Slip indicator
-  Cruise control indicator²
-  Anti-lock Brake System warning¹

CAUTION

When the Anti-lock Brake System (ABS) function is in action, you may feel the brake pedal pulsating and hear a noise. In this situation, to let the Anti-lock Brake System work for you, just hold the brake pedal down more firmly. Do not pump the brake as this will result in reduced braking performance.

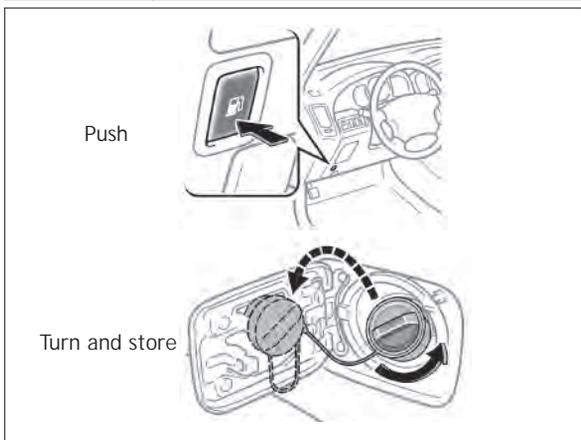
Indicator symbols

-  Brake system warning¹
-  Brake system warning¹
-  Driver seat belt reminder¹
-  Front passenger seat belt reminder¹
-  Auxiliary battery discharge warning¹
-  Traction battery warning¹
-  Malfunction/Check Engine indicator¹
-  Open door warning¹
-  Electric power steering system warning¹
-  Airbag SRS warning¹

¹ For details, refer to "Service reminder indicators and warning buzzers," Section 1-6, 2006 Owner's Manual.

² If this light flashes, refer to "Cruise control," Section 1-7, 2006 Owner's Manual.

Fuel tank door opener and cap

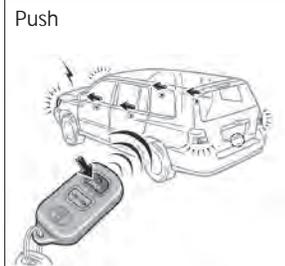


NOTE: If the cap is not tightened enough, Check Engine "  " indicator may illuminate.

Keyless entry (if equipped)

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

Locking operation



Unlocking operation

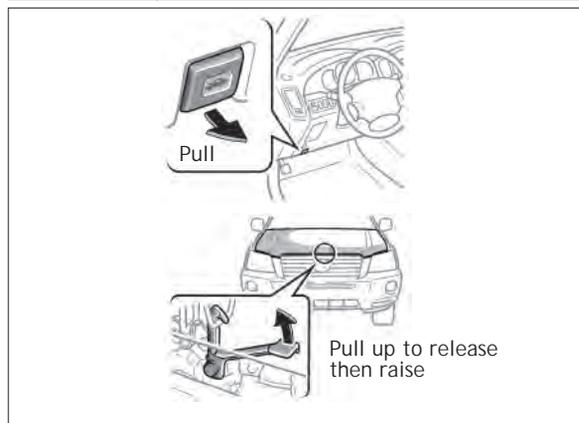


NOTE: After unlocking, if a door is not opened within thirty (30) seconds, all doors will relock for safety.

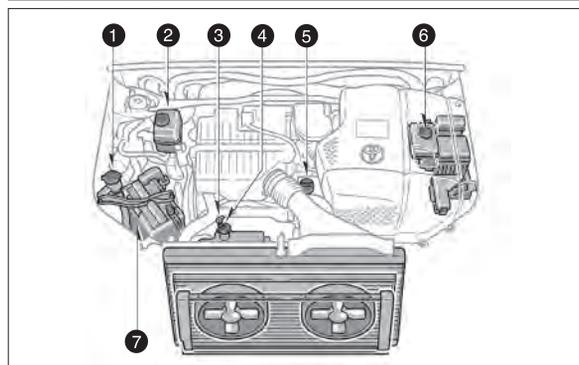
Alarm operation



Hood release lever



Engine maintenance



- 1 Windshield and rear window washer fluid tank
- 2 Brake fluid reservoir
- 3 Engine oil level dipstick
- 4 Gasoline engine coolant reservoir
- 5 Engine oil filler cap
- 6 Inverter coolant reservoir
- 7 Auxiliary battery

Note: Regularly scheduled maintenance, including oil changes, will help extend the life of your vehicle and maintain performance. Please refer to the "Owner's Warranty Information Booklet," "Scheduled Maintenance Guide" or "Owner's Manual Supplement."

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, 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 and/or 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, if possible, to reduce engine cold starts.
- 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.

CAUTION

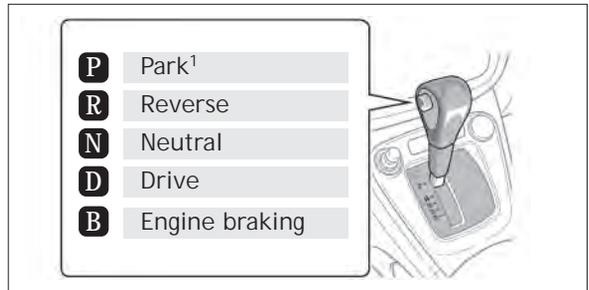
- The vehicle has high voltage DC and AC systems as well as a 12-volt system. DC and AC high voltage is very dangerous and can cause severe burns and electric shock that may result in death or serious injury.
- Never touch, disassemble, remove or replace high voltage cables, their connectors and high voltage parts such as the inverter unit, traction battery, traction motor, air conditioning compressor, AC/DC converter, etc.

Starting the Hybrid System



- 1 Put the selector lever in "P."
- 2 Depress the brake pedal, and turn the key to "START" briefly and firmly.
- 3 The "READY" light will blink. After a few seconds, when the light remains on and a beep sounds, you may begin driving.

Transmission



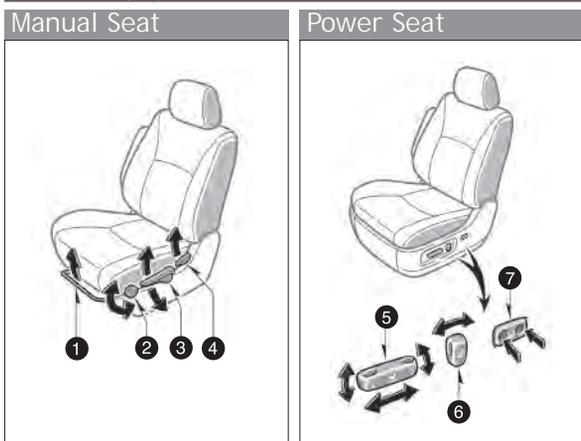
¹The ignition switch must be ON, and the brake pedal depressed to shift from Park.

Parking brake

Set: Depress
Release: Depress again

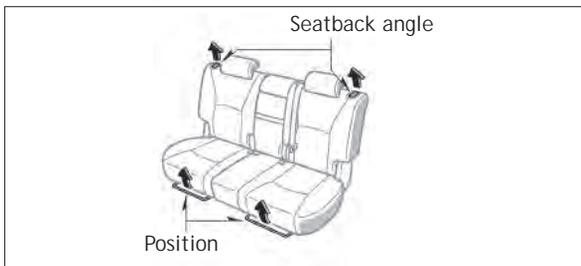


Seat adjustments-Front

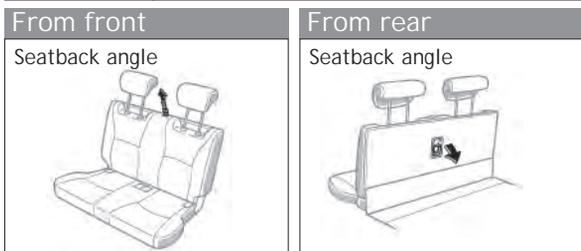


- ① Position
- ② Cushion angle (driver side only)
- ③ Height crank (driver side only)
- ④ Seatback angle
- ⑤ Position, cushion angle (driver side only) and height (driver side only)
- ⑥ Seatback angle
- ⑦ Lumbar support (driver side only)

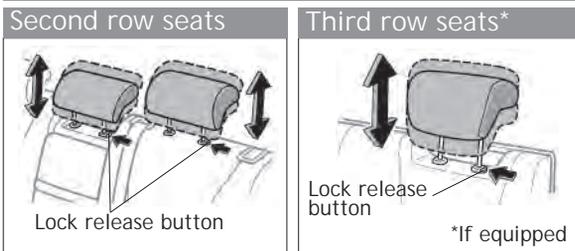
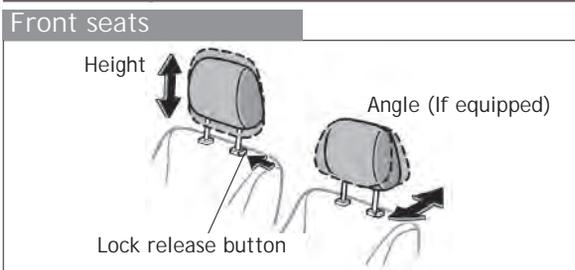
Seat adjustments-Second row



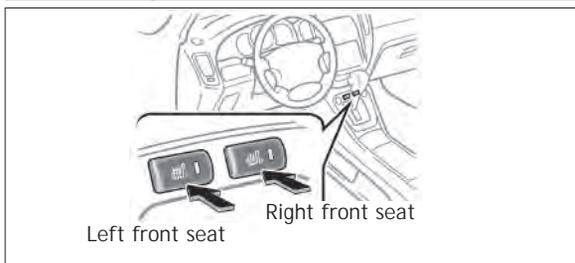
Seat adjustments-Third row (if equipped)



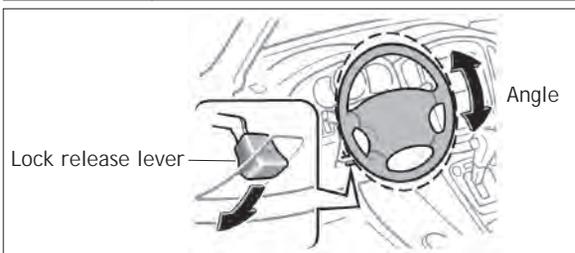
Seats-Head restraints



Seat heaters (if equipped)

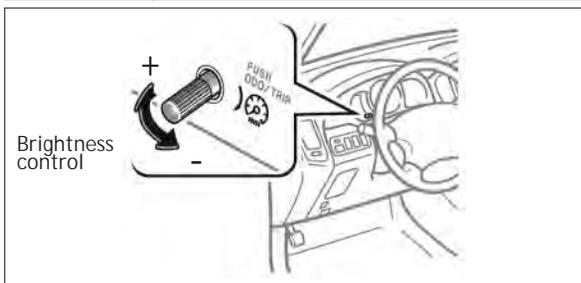


Tilt steering wheel



Hold wheel, push lever down, set angle then return lever.
 Note: Do not attempt to adjust while the vehicle is in motion.

Light control-Instrument panel

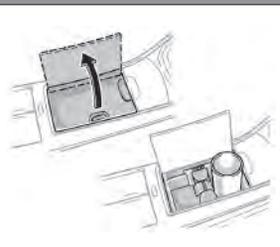


Cup holders

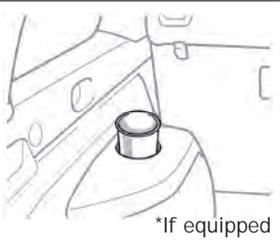
Second row seat



Front console

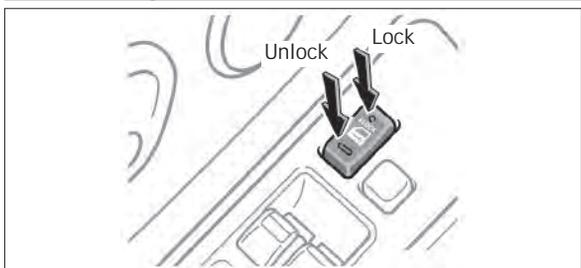


Third row side trim*



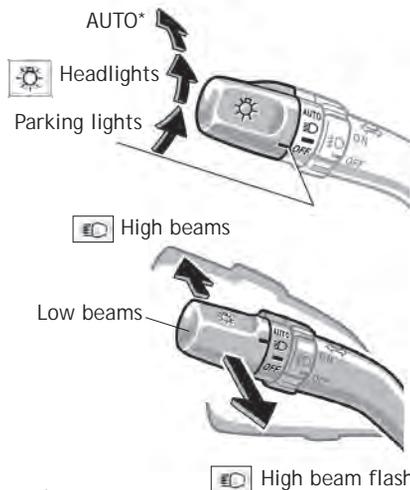
*If equipped

Door locks



Lights & turn signals

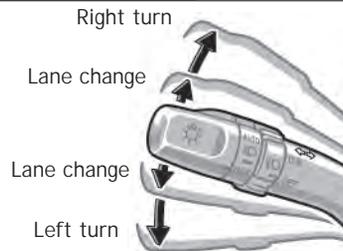
Headlights



*If equipped

-Automatic light cutoff system Automatically turns lights off after 30 seconds when any of the doors are opened and closed with the engine off. Lights may also be turned off by pushing lock button on remote.
 -Daytime Running Light system (If equipped) Automatically turns on the headlights at a reduced intensity.

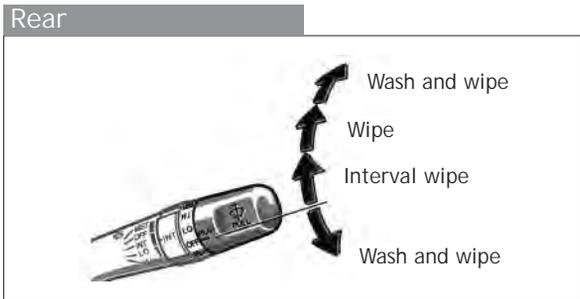
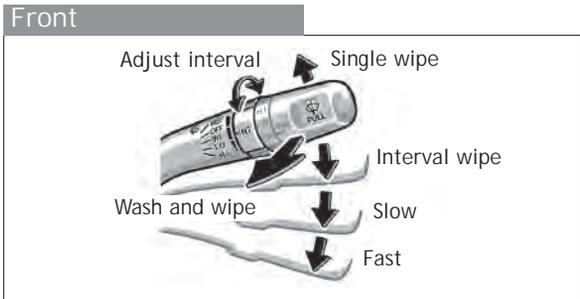
Turn signals



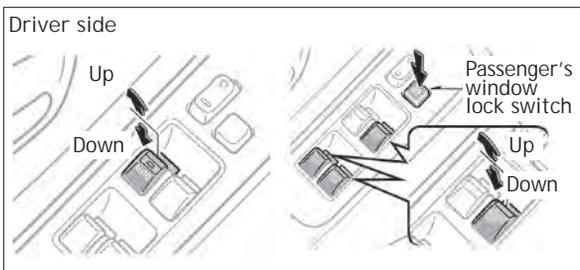
Front fog lights (if equipped)



Windshield wiper & washer

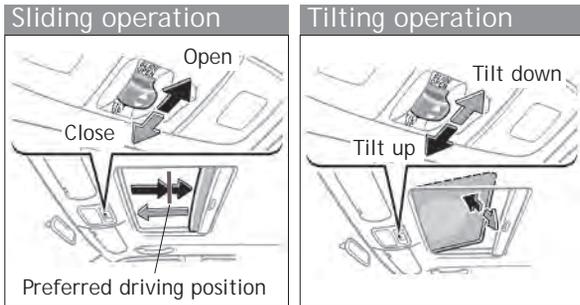


Windows



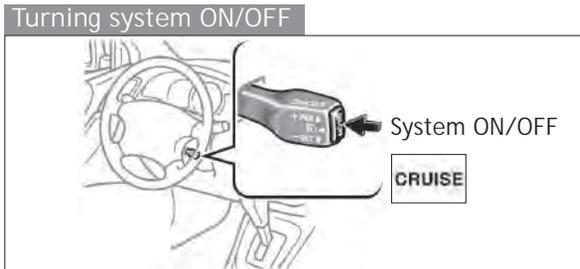
Automatic operation (Driver side only) Push the switch completely down or pull it completely up and release to fully open or close. To stop window midway, lightly push the switch in the opposite direction.

Moonroof (if equipped)

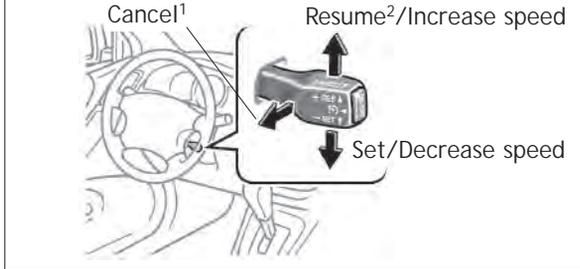


Push briefly to fully open/close. To stop moonroof midway, lightly push the switch in the opposite direction.
NOTE: If battery is disconnected, the moonroof needs to be reinitialized. Refer to the Owner's Manual for more details.

Cruise control

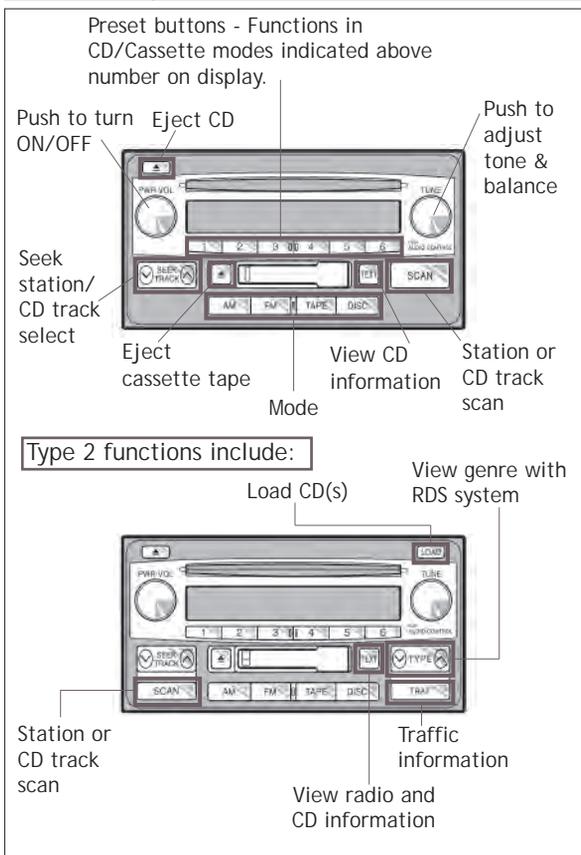


Functions



¹ The set speed may also be cancelled by depressing the brake pedal, or pushing "ON/OFF."
² If vehicle speed falls below 25 mph, the set speed can not be resumed.

Audio



CASSETTE TAPE PLAYER

To fast forward Push "▶▶."
 To rewind Push "◀◀."
 To change a direction Push "◀▶."

CD PLAYER

To scan tracks on a disc Push either side of "SCAN."
 Push again to hold selection.

CD Changer (Type 2 only)

-To load one disc Push "LOAD" and insert 1 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.

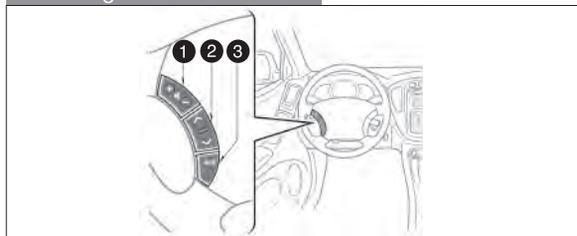
RADIO

To scan stations Push "SCAN." Push and hold to scan preset stations. Push again to hold selection.
 To preset stations Tune in the desired station. Push and hold a preset button (1-6) until you hear a beep. Push desired preset button (1-6) to select.

RDS (Radio Data System-FM, Type 2 only)

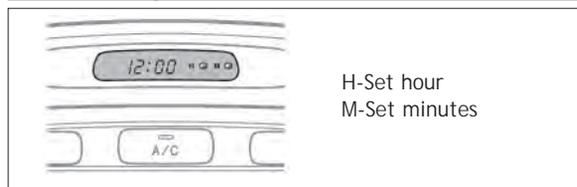
-Push TYPE "∧" or "∨" to view current program genre. Push again within 6 seconds to select new genre.
 -Push "SEEK/TRACK" or "SCAN" to find same genre programs.
 -Push "TEXT" to receive information transmitted from radio stations.

Steering wheel switches



- 1 " - + " Volume control
- 2 " ∧ ∨ " -In radio mode Push to select a preset station, push and hold to seek the next strong station. -In tape mode Push to skip up or down to the next/previous track, push and hold to fast forward or reverse. -In CD mode Push to skip up or down to the next/previous track.
- 3 " MODE " Push to turn audio on and select an audio mode. Push and hold to turn the audio system "OFF."

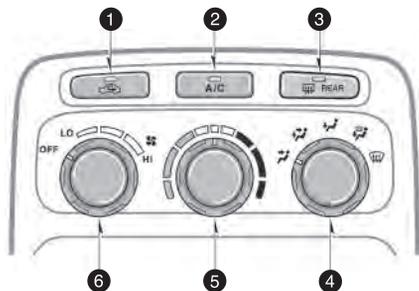
Clock



H-Set hour
 M-Set minutes

Air conditioning/Heating

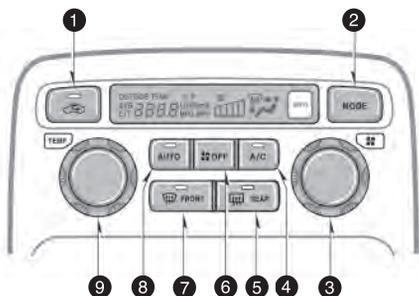
Front manual air conditioning



- 1 Fresh or recirculate cabin air
- 2 Air Conditioning ON/OFF
- 3 Rear defogger
- 4 Vent selector¹
- 5 Temperature
- 6 Fan speed

¹ “” or “” mode, use fresh air to reduce window fogging (“” indicator light “OFF”).

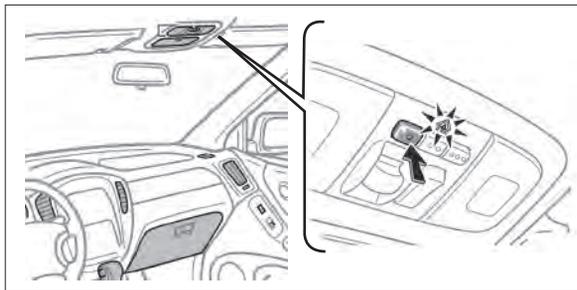
Front automatic air conditioning



- 1 Fresh or recirculate cabin air
- 2 Vent selector¹
- 3 Fan speed
- 4 Air Conditioning ON/OFF
- 5 Rear defogger
- 6 Climate control OFF
- 7 Windshield air flow
- 8 Automatic climate control ON/OFF
- 9 Temperature

¹ “” or “” mode, use fresh air to reduce window fogging (“” indicator light “OFF”).

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



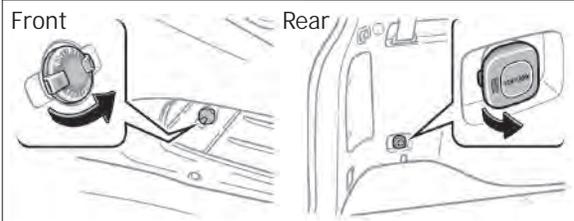
Garage door openers manufactured under license from HomeLink®* can be programmed to operate garage doors, estate gates, security lighting, etc.

Refer to the Owner’s Manual for more details. For programming assistance, contact the Toyota Customer Experience Center at 1-800-331-4331, or visit <http://www.homelink.com>

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

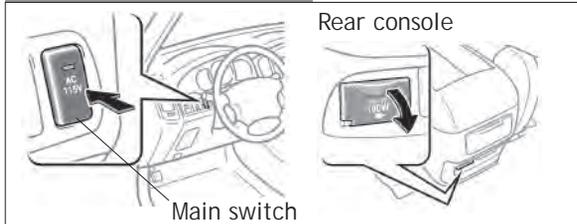
Power outlets

12V DC



Designed for car accessories. Key must be in the “ACC” or “ON” position to be used.

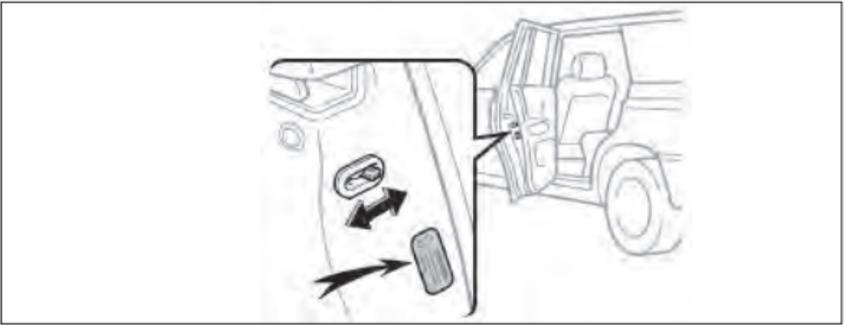
115V AC (if equipped)



Key must be in the “ON” position.

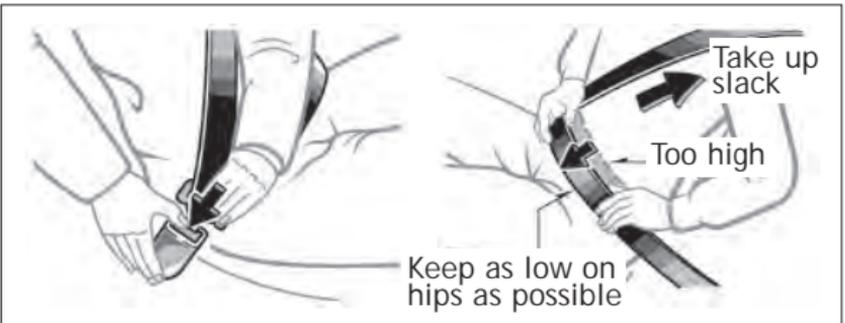
SAFETY AND EMERGENCY FEATURES

Doors-Child safety locks



Move the lever to "LOCK," allowing 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

