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.

A word about safe vehicle operations

This Quick Reference Guide is not a full description of Highlander operations. Every Highlander 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.
OVERVIEW

Instrument panel

1 Steering wheel audio controls
2 Steering wheel climate controls
3 Multi-information display button
4 Voice command button
5 Telephone controls
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
10 Theft deterrent system/Engine 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 switch
14 "ENGINE START STOP" button (Smart Key)
15 VSC/TRAC OFF switch
16 Tire Pressure Monitoring (warning) System
17 Cruise control
18 Ignition (standard key)
19 Tilt and telescopic steering lock release
20 Power back door button
21 Instrument panel light control
22 115V AC Power outlet ON/OFF switch
23 Windshield wiper de-icer switch
24 Power rearview mirror control
25 Outside rearview mirror/Rear window defogger button
26 Air Conditioning controls

1 If equipped
2 For vehicles with a navigation system, refer to the "Navigation System Owner’s Manual."
OVERVIEW

**Indicator symbols**

For details, refer to “Indicators and warning lights,” Section 2-2, 2010 Owner’s Manual.

1. **BRAKE** - Brake system warning
2. **Driver seat belt reminder** (alarm will sound if speed is over 12 mph)
3. **Front passenger seat belt reminder** (alarm will sound if speed is over 12 mph)
4. **Charging system warning**
5. **Front passenger occupant classification or front passenger airbag ON/OFF indicator**
6. **Low engine oil pressure warning**
7. **Malfunction/Check Engine indicator**

---

**SAFETY AND EMERGENCY FEATURES**

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.
**Keyless entry**

**Locking operation**
- **Without Smart Key system**: With power back door, Without power back door
- **With Smart Key system**: With power back door, Without power back door

**Unlocking operation**
- **Without Smart Key system**: With power back door, Without power back door
- **With Smart Key system**: With power back door, Without power back door

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

**Smart Key system (if equipped)**

**Start function**
- **Green indicator ON**
- **Depress brake pedal**
- **Push**

**Power (without starting engine)**
- **ACC**: Accessories such as the radio will operate.
- **ON**: Power ON; the engine not running.
- **OFF**: All systems OFF.

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

**Glass hatch operation (if equipped)**
- **Power back door operation (if equipped)**
  - **Without Smart Key system**: With power back door, Without power back door
  - **With Smart Key system**: With power back door, Without power back door

**Panic button**
- **Push and hold**

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

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

**NOTE:** Do not depress the brake pedal before pressing the "ENGINE START STOP" switch will change the operation mode in succession from:
**OVERVIEW**

**Fuel tank door release and cap**
- Pull up latch and raise hood
- Pull

**Hood release**
- Pull up latch and raise hood
- Engage support rod
- Store

**Light control-Instrument panel**
- Brightness control

**Engine maintenance**
- Windshield washer fluid tank
- Engine oil filler cap
- Engine oil level dipstick
- 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.”

**NOTE:** Tighten until one click is heard. If the cap is not tightened enough, Check Engine “แนบที่” indicator may illuminate.
FEATURES/OPERATIONS

Automatic Transmission

- The ignition switch must be “ON” and the brake pedal depressed to shift from Park.

“S” (Sequential) mode

Shift the shift lever to “S” position from “D” position.

Floor shift type:

- +: Upshift (push and release)
- -: Downshift (pull and release)

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

Snow mode

The snow mode prevents sudden acceleration on slippery surfaces. Use in snowy or icy road conditions.

Auto lock functions

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

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

Refer to the Owner’s Manual for more details.

Steering lock release

Smart Key system

Without Smart Key system

Door locks

Parking brake

Set: Depress
Release: Depress again
FEATURES/OPERATIONS

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.

Moonroof (if equipped)

<table>
<thead>
<tr>
<th>Sliding operation</th>
<th>Tilting operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Push once to open partway; again to open completely.</td>
<td>Tilt</td>
</tr>
<tr>
<td>Open: Push and hold Close: Push and hold again</td>
<td></td>
</tr>
</tbody>
</table>

Recommended driving position to minimize wind noise.

Door-Power back (if equipped)

<table>
<thead>
<tr>
<th>Instrument panel</th>
<th>Back door (close only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Push and hold</td>
<td>Push</td>
</tr>
</tbody>
</table>

Open: Push and hold
Close: Push and hold again

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

Seat adjustments-Front

- Manual seat
- Power seat

1. Seat position (forward/backward)
2. Seat cushion angle
3. Height crank (driver side only)
4. Seatback angle
5. Seat position, cushion angle and height
6. Driver seat leg support (if equipped)
7. Lumbar support (driver side only)

Seat adjustments-Rear

<table>
<thead>
<tr>
<th>Second row seat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without third seat</td>
</tr>
</tbody>
</table>

1. Seat position (forward/backward)
2. Seatback angle
3. Third seat access lever
4. Seatback release

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

FEATURES/OPERATIONS

Seats-Head restraints

Front

Height Angle (if equipped)

Rear

Lock release button

Lock release button

Seats-Folding down second row seats (if equipped)

From outside

Left side/center remote seat release
Right side remote seat release

From inside

(1) Pull up
(2) Fold down

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-Folding down second row seats (if equipped)

Windshield wipers & washers

Front

Adjust frequency*

Single wipe

Interval wipe

Slow

Fast

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

Rear

Wash and wipe

Wipe

Interval wipe

Wash and wipe

Refer to the Owner’s Manual for more details.
**Lights & turn signals**

**Headlights**

- **With DRL OFF switch**
  - DRL OFF
  - Headlights
  - Parking lights
  - Auto

- **Without DRL OFF switch**
  - Headlights
  - Parking lights
  - Auto

**High beam flasher**

**Low beam**

**- Daytime Running Light system (DRL) (if equipped)** Automatically turns on the turn signal lights at a reduced intensity.

**- Automatic light cut off system** Automatically turns lights off after a delay of 30 seconds.

**Front fog lights (if equipped)**

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

**Turn signals**

- **Right turn**
  - Lane change
  - Left turn

**Power outlets-12V DC**

**Instrument panel (with seat heater)**

**Instrument panel (without seat heater)**

**Center console**

**Luggage compartment**

Key/Engine switch must be in the “ACC” or “ON” position to be used.

**Power outlets-115V AC (if equipped)**

**ON/OFF switch**

**Beside second row seat**

Key/Engine switch must be in the “ON” position to be used.
**Features/Operations**

**Multi-information display (if equipped)**

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 engine start
5. Average gas mileage
6. Average gas mileage history

Push and hold “DISP” to set up the displays and the rearview monitor displays.

**Windows-Power**

- **Driver side**
  - **Up**
  - **Down**

**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.

**Telephone controls (Bluetooth®) (if equipped)**

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 “Hands-free phone system (for cellular phone),” Section 3-4 in the Owner’s Manual for more details, or go to Toyota.com and enter “Bluetooth” in the keyword search.
FEATURES/OPERATIONS

Air Conditioning/Heating

Front manual Air Conditioning

1. Fan speed
2. Outside rearview mirror (if equipped)/Rear window defogger
3. Temperature selector
4. Fresh or recirculated cabin air
5. Airflow vent
   - In “ ” or “ ” mode, use fresh air (“ ” indicator OFF) to reduce window fogging.
6. Air Conditioning ON/OFF
   - Use fresh air to quickly cool interior, then change to recirculate for cooler air.
7. Use for quick cooling. Air intake will automatically be set to recirculate.
8. Rear Air Conditioning ON/OFF

Rear manual Air Conditioning (if equipped)

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

Front automatic Air Conditioning

With rear 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)/Rear window defogger
6. Fresh or recirculated cabin air
7. Temperature selector (front passenger side)
8. Air Conditioning ON/OFF
9. “DUAL” 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 passenger)
11. Airflow vent
   - In “ ” or “ ” mode, use fresh air (“ ” indicator OFF) to reduce window fogging.
12. Climate control OFF
13. Temperature selector (driver side)
FEATURES/OPERATIONS

Rear automatic Air Conditioning (if equipped)

- Fan speed
- Temperature selector
- Airflow vent
- Automatic climate control ON
- Climate control OFF

Seat heaters (if equipped)

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

Clock

Without multi-information display

With multi-information display

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.
FEATURES/OPERATIONS

Audio

Type 1
- Eject CD
- Station/CD track scan
- Push to turn ON/OFF
- Seek station/CD track select
- Push to skip up/down folder and radio category type
- Push to adjust tone & balance
- Mute
- View CD text

Type 2 additional functions
- Load CD(s)

Type 3 (with JBL speakers and Bluetooth® function)

CD PLAYER

To scan tracks on a disc Push and hold “SCAN.” Push again to hold selection.
CD changer (Types 2 and 3 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-FILE.”
To select a folder (MP3/WMA only) Push either side of “FOLDER.”

RADIO

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

AUX audio jack

Without seat heater
With seat heater
By inserting a mini plug into the AUX audio jack, you can listen to music from a portable audio device through the vehicle's speaker system while in AUX mode.

Steering wheel controls (if equipped)

Audio control
A/C control

1 “V ∧ ”
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.
**FEATURES/OPERATIONS**

**Rear seat entertainment system (if equipped)**

1. Remote control
2. DVD player
3. Headphone volume control and headphone jacks
4. DVD screen
5. 115V AC Power outlet ON/OFF switch
6. Front audio system
7. A/V input adapter
8. 115V AC Power outlet
9. Wireless headphones

**Downhill Assist Control system (DAC) (if equipped)**

DAC indicator blinking = DAC not engaged
Slip indicator blinking. DAC indicator solid = DAC engaged

DAC helps the vehicle to descend steep hills while maintaining a low speed without brake pedal operation. Press the “DAC” button (system will engage only when shifter is in S1 or R mode). Pressing the button again will turn system off.

Refer to the Owner’s Manual for more details.

**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.

Tire Pressure Monitoring (warning) System

After adjusting tire pressures, or after tires have been rotated or replaced, turn the ignition switch to “ON” and press and hold the “SET” button until indicator blinks 3 times. Let the vehicle sit for a few minutes to allow initialization to complete.

Refer to the load label on the door jamb or the Owner’s Manual for tire inflation specifications.

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

Note: The warning light may come on due to temperature changes or changes in tire pressure from natural air leakage. If the system has not been initialized recently, setting the tire pressures to factory specifications should turn off the light.

Seat belts-Shoulder belt anchor

Push up, or squeeze lock release to lower

Doors-Child safety locks

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

Spare tire & tools

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.