



LAND CRUISER

2005

Pocket Reference Guide





TOYOTA

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2005 Land Cruiser

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 Land Cruiser.

! A word about safe vehicle operations

This *Pocket Reference Guide* is not a full guide to Land Cruiser operations. Every Land Cruiser 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 vehicles. See page 24 in this guide 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.

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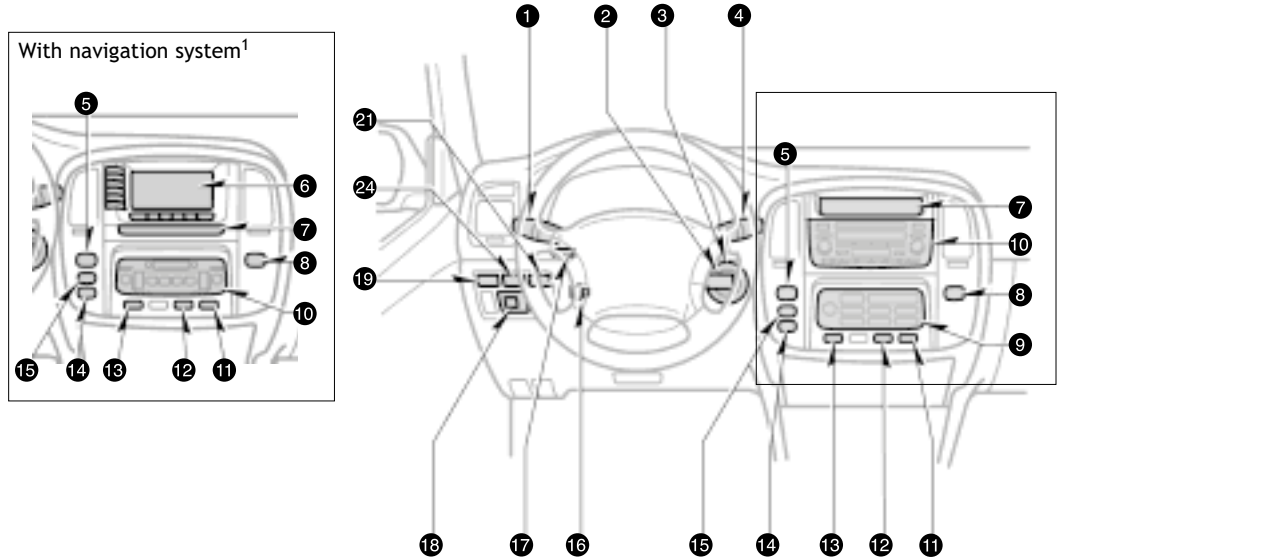
¹ Programmable by consumer.

² Visit your Toyota dealer for information on customizing this feature.

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

OVERVIEW

Instrument panel



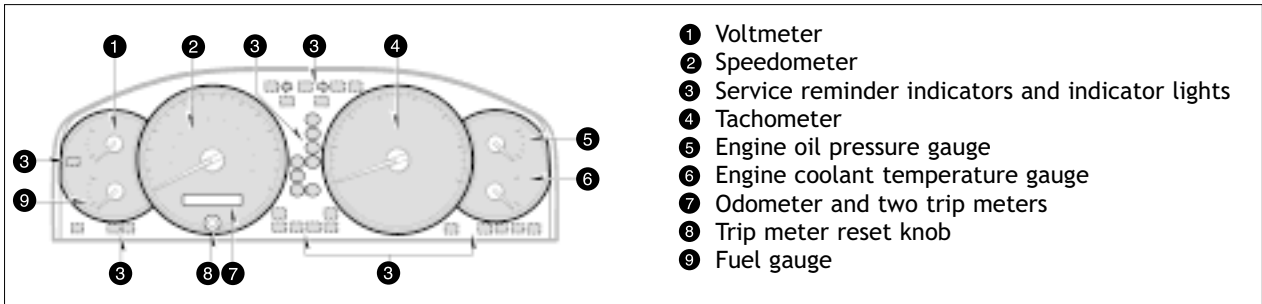
- ❶ Headlight, turn signal and front fog light controls
- ❷ Cruise control lever
- ❸ Ignition switch
- ❹ Front/Rear wiper and washer controls
- ❺ Emergency flasher switch
- ❻ Navigation system and A/C controls^{1,2}
- ❼ Clock, outside temperature and trip information display
- ❽ Front passenger's seat belt reminder light
- ❾ Air conditioning/Heater controls
- ❿ Audio
- ⓫ Outside rear view mirror heater switch
- ⓬ Rear air conditioning switch
- ⓭ Rear window defogger switch

- ⓮ Center differential lock switch
- ⓯ Power antenna switch
- ⓰ Power tilt and telescopic steering switch
- ⓱ Instrument panel light control dial
- ⓲ Power rear view mirror controls
- ⓳ Power quarter window switch (left-hand side)
- ⓴ Power quarter window switch (right-hand side)
- ⓵ "RSCA OFF" (Roll sensing of curtain shield airbags "OFF") switch¹

¹If installed

²For details, refer to the *Navigation System Owner's Manual*.

Instrument cluster



Indicator symbols

BRAKE	Brake system warning light ¹
	Driver's seat belt reminder light ¹
	Front passenger's seat belt reminder light ¹
	Battery warning light ¹
	Malfunction indicator light ¹
MAINT REQD	Engine oil replacement reminder light ¹
ABS	Anti-lock Brake System warning light ¹

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.

VSC TRAC	Vehicle Stability Control/Active Traction Control warning light ¹
	Open door warning light ¹

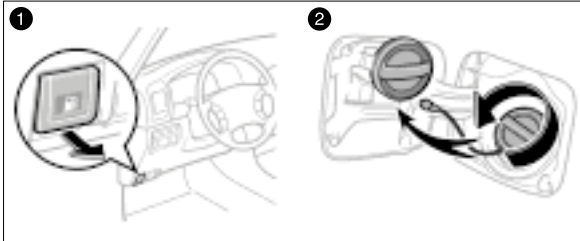
	Airbag SRS warning light ¹
A/T P	Unengaged "Park" warning light ¹
A/T OIL TEMP	Automatic transmission fluid temperature warning light ¹
	Headlight high beam indicator light
	Turn signal indicator light
PRND 432L	Automatic transmission indicator lights
ECT PWR	Driving pattern ("POWER" mode) indicator light
2nd STRT	Automatic transmission second start indicator light
	Center differential lock indicator light
	Slip indicator light
VSC OFF	Vehicle Stability Control off indicator light
TRAC	Active Traction Control indicator light
CRUISE	Cruise control indicator light ²
RSCA OFF	Roll sensing of curtain shield airbags off indicator light ³


¹ For details, refer to "Service reminder indicators and warning buzzers," Section 1-6, 2005 Owner's Manual.

² If this light flashes, refer to "Cruise control," Section 1-7, 2005 Owner's Manual.

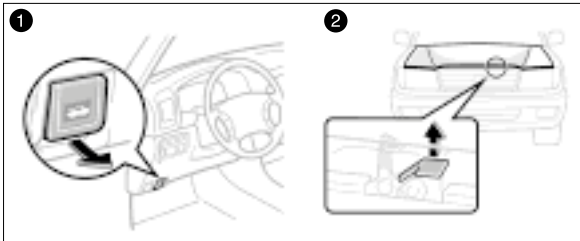
³ For details, refer to "Roll sensing of curtain shield airbags off switch," Section 1-3, 2005 Owner's Manual.

Fuel tank door opener and cap



- 1 To open the fuel tank door Pull the lever.
- 2 To remove the fuel tank cap Turn the cap counterclockwise, then pause slightly before removing it. After removing the cap, hang it on the cap hanger.
- 3 To replace the fuel tank cap Turn clockwise until a click is heard. If not tightened enough, Check Engine "  " indicator may illuminate.

Hood release lever



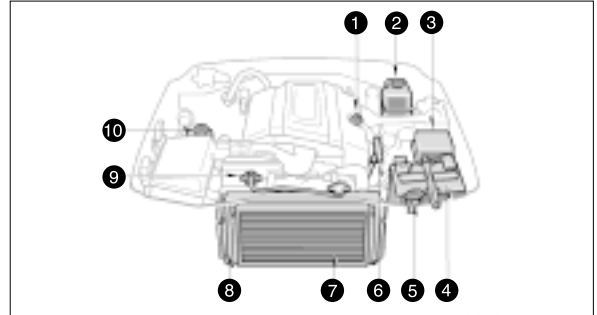
- 1 To release the hood Pull the lever inside vehicle.
- 2 To open the hood Insert finger through the opening between the hood and grill. Pull up on the catch lever inside the compartment and lift the hood.

Clock



- To reset the hour Push "H."
 To reset the minute Push "M."
 To round off minutes to the nearest hour Push ":00."

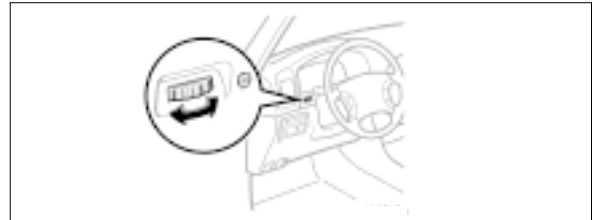
Engine compartment



- 1 Engine oil filler cap
- 2 Brake fluid reservoir
- 3 Fuse block
- 4 Battery
- 5 Windshield and rear window washer fluid tank
- 6 Engine oil level dipstick
- 7 A/C condenser
- 8 Radiator
- 9 Engine coolant reservoir
- 10 Power steering fluid reservoir

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."

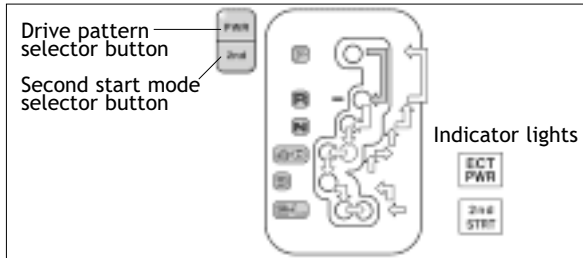
Light control-Instrument panel



To adjust the brightness of the instrument panel lights Turn the wheel right to increase, or left to decrease the brightness of the instrument panel lights.

FEATURES/OPERATIONS

Automatic transmission



↓ When shifting from “P” (Park), the ignition switch must be “ON,” and the brake pedal depressed.

⇅ Shift normally.

- P** Park Engine starting and key removal
- R** Reverse
- N** Neutral
- D** Drive Overdrive “ON”
- 4** Fourth gear Overdrive “OFF”
- 3** Third gear Increased engine braking
- 2** Second gear Increased engine braking
- L** First gear Maximum engine braking

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

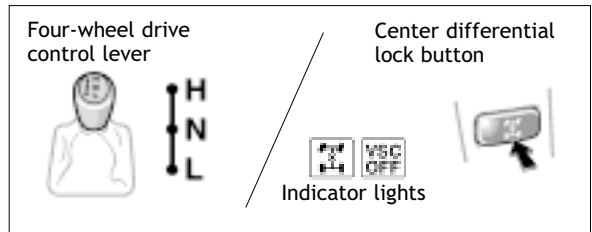
Second start mode selector button “2nd”

For starting in sand, mud, ice or snow Depress the brake, then push “2nd” to start the vehicle in second gear.

Driving pattern selector button “PWR”

The transmission is shifted up and down at a higher vehicle speed than in Normal mode, and a more powerful acceleration is achieved. For ordinary driving, Toyota recommends using the Normal mode to improve fuel economy.

Four-wheel drive



Four-wheel drive control lever

- H** High speed position
- N** Neutral position
- L** Low speed position

Center differential lock button

To turn the center differential lock mode on/off Push the button.

For best fuel economy and performance under normal driving conditions “H” position, center differential unlocked (Center differential lock and “VSC OFF” indicator lights are not illuminated).

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

Auto lock functions-Programmable

Automatic door locks can be programmed to operate in 4 different modes.

Auto shift-locking only Doors lock when shifting from Park. No unlock function.

Auto speed-locking only Doors lock when the vehicle speed goes above about 12 mph. No unlock function.

Auto ignition-unlocking only Doors unlock when ignition key turned to the “ACC” or “LOCK” position. No lock function.

Auto shift-unlocking only Doors unlock when shifting into Park. No lock function.

Refer to the *Owner’s Manual* for more information on this feature, and how to change modes.

Keyless entry

Locking operation



① To lock Push "LOCK."

Unlocking operation



② To unlock driver door Push "UNLOCK" once.
To unlock all the doors Push "UNLOCK" twice.

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

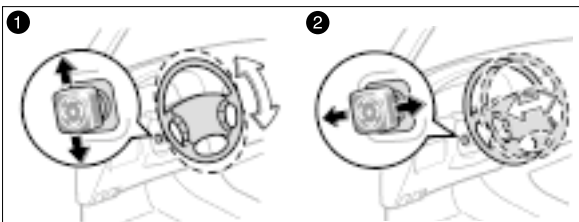
Alarm operation



③ To activate alarm with remote Push and hold "PANIC."

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

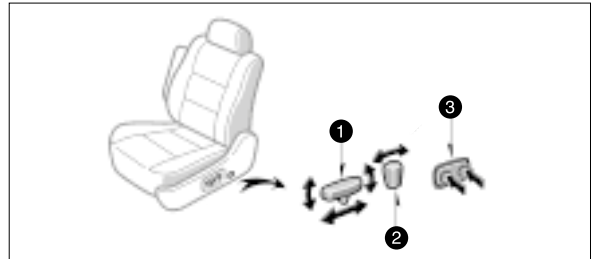
Tilt and telescopic steering wheel



- ① To change the steering wheel angle Push the control switch upward or downward to set the steering wheel to desired angle.
- ② To change the steering wheel column length Push the control switch to the right or left to set the wheel at the desired position.

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

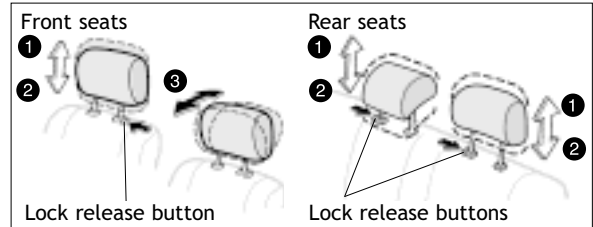
Seat adjustments-Front



- ① Position and cushion angle selector
- ② Seatback angle selector
- ③ Lumbar support selector

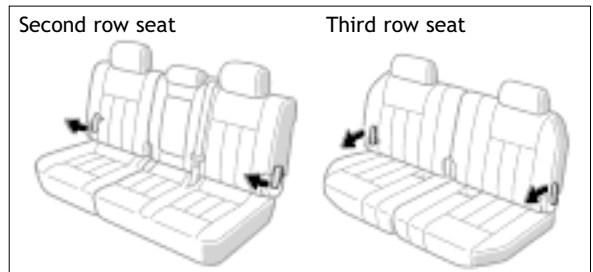
Refer to the *Owner's Manual* for more details.

Seats-Head restraints



- ① To raise Pull up the head restraint.
- ② To lower Push down the head restraint while pressing the lock release button.
- ③ To adjust angle Move the top forward or backward.

Seat adjustments-Rear

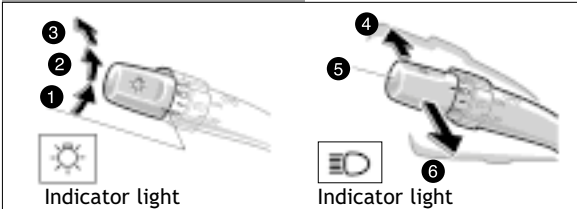


To fold and/or tumble Pull the seatback angle lever.

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

Lights & turn signals

Headlights



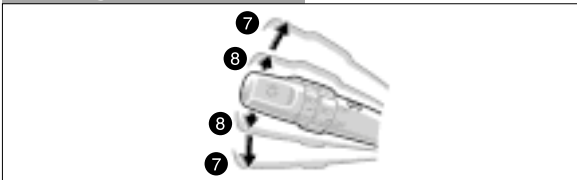
- 1 **Parking, tail, license plate, side marker and instrument panel lights** Twist the lever knob to position 1.
- 2 **Headlights and all of the above** Twist the lever knob to position 2.
- 3 **Headlights and/or all of the above ("AUTO")** Twist the lever knob to position 3.

Daytime running light system

Automatically turns on the headlights at reduced intensity.

- 4 **High beams** Push the lever forward.
- 5 **Low beams**
- 6 **High beam flasher** Pull the lever toward you.

Turn signals



- 7 **Right or left turn** Push the lever up or down.
- 8 **Lane change** Move the lever up or down to position 8 and hold.

Antenna-Power



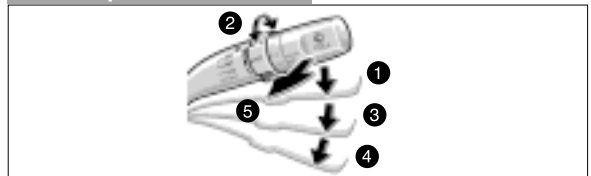
To raise Push and hold " ^ . "

To lower Push and hold " v . "

See page 3 of this guide for switch location.

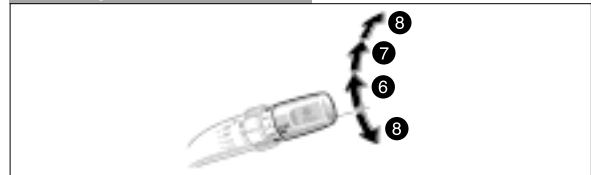
Wiper & washer lever-Front/Rear

Front operation



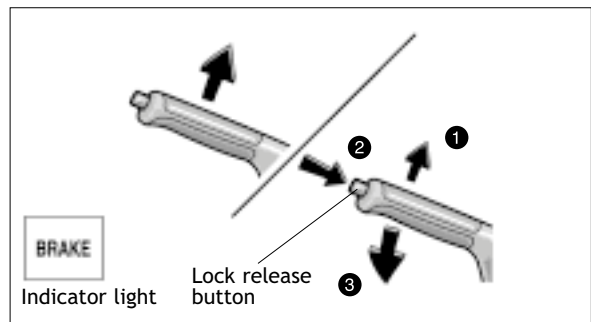
- 1 **Intermittent speed** Push the lever down to position 1.
- 2 **Interval adjuster** Twist the band to adjust the intermittent speed.
- 3 **Slow speed** Push the lever down to position 3.
- 4 **Fast speed** Push the lever down to position 4.
- 5 **Wash and wipe** Pull the lever toward you.

Rear operation



- 6 **Intermittent** Twist the lever knob to position 6.
- 7 **Normal speed** Twist the lever knob to position 7.
- 8 **Wash and wipe** Twist the lever knob upward or downward to position 8.

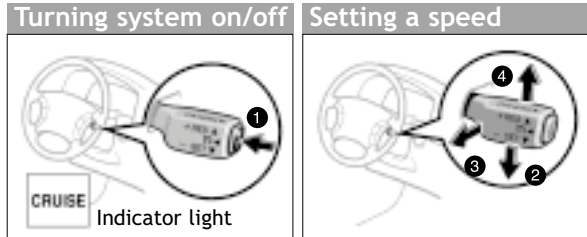
Parking brake



To set Pull the lever.

To release (1) Pull the lever up slightly, (2) press the lock release button, and (3) lower.

Cruise control

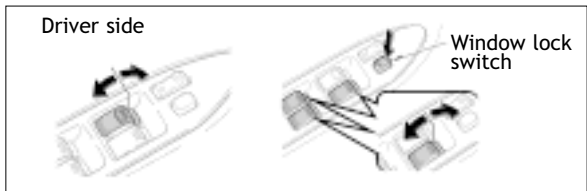


- 1 To turn the system "ON" or "OFF" Push the button.
- 2 To set a speed Bring your vehicle to the desired speed. Push the lever down toward "- SET."
- 3 To cancel the set speed Pull the lever to "CANCEL" or depress the brake pedal.
- 4 To resume set speed after cancel Push the lever up toward "+ RES." If vehicle speed falls below 25 mph, the set speed will not be resumed.

NOTE: To raise set speed, push up toward "+RES." To lower set speed, push down toward "-SET."

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

Windows



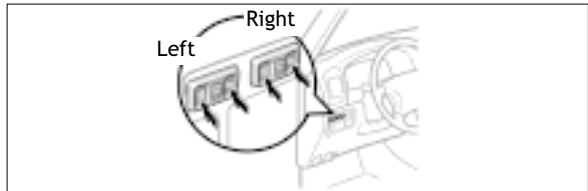
Window operation

To open or close Push down or pull up on the switch.
Automatic operation Push the switch completely down or pull it completely up and release to fully open or close. To stop window mid-way, lightly push the switch in the opposite direction.

Window lock switch

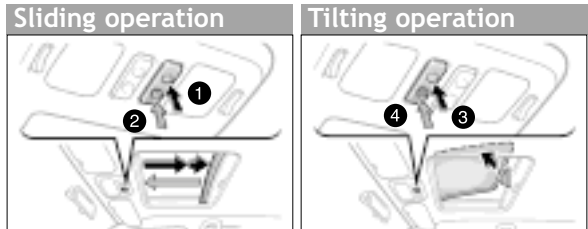
Push the switch to deactivate the passenger windows.

Windows-Power rear quarter



To open Push the right side of the switch.
To close Push the left side of the switch.

Moonroof



- 1 To open Push and hold "∧." Moonroof will open and stop just short of the fully open position. Toyota recommends this position for driving, as it reduces wind throb. Push again to fully open.
- 2 To close Push and hold "∨."
- 3 To tilt up Push and hold "UP."
- 4 To lower Push and hold the opposite side of "UP."

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

Garage door opener (HomeLink®)*



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.

Audio



*Functions for buttons 1-6 are indicated above each button on LCD.

For vehicle equipped with Navigation system, refer to the *Navigation System Owner's Manual*.

BASIC OPERATION

To turn on the audio system Push "PWR·VOL.," "AM·SAT," "FM," "TAPE," "DISC" or "LOAD."

To turn off the system Push "PWR·VOL."

To adjust the volume Turn "PWR·VOL."

To adjust tone and balance Push the "TUNE·AUDIO CONT" knob. The mode changes with each push in succession from Bass, Midrange, Treble, Fade, Balance. Turn the knob right or left to adjust each mode.

RADIO

To select a station or XM satellite radio channel* Push either side of "SEEK TRACK."

To scan stations or XM satellite radio channel* Push "SCAN." Push and hold to scan preset stations. Push again to hold selection.

To select the band or XM satellite radio channel* Push "AM·SAT," or "FM."

-To preset a station or XM satellite radio channel* Tune in the desired station and press a preset button (1-6) until you hear a beep.

-To select a preset station or XM satellite radio channel* Push desired preset button (1-6).

-To select a XM satellite radio channel category* Push "TYPE" button.

RDS (Radio Data System-FM only) or XM satellite radio*

-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.

CASSETTE TAPE PLAYER

To play Insert a cassette tape.

To fast forward Push "▶▶."

To rewind Push button "◀◀."

To stop a tape while it is fast forwarding or rewinding, push the same button or "TAPE."

To select a direction Push "◀▶."

To eject a cassette tape Push "▲."

CD PLAYER

To play Insert a compact disc.

To select a track Push "SEEK TRACK."

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

To eject a compact disc Push "▲."

To view CD text Push "TEXT" to display disc information.

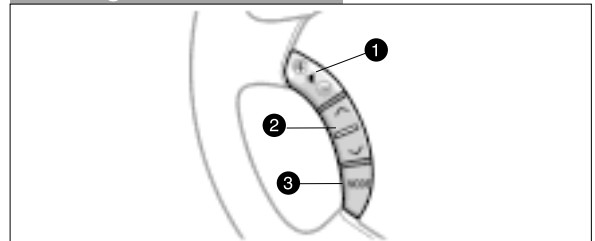
CD Changer

-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.

Note: Wait until the green indicator illuminates to install next disc.

Steering wheel switches



① Volume control switch

② "∧ ∨" switch

-In radio mode Push to select a preset station or XM satellite radio channel*, push and hold to seek the next strong station or XM satellite radio channel*.

-In TAPE mode Push to fast forward or rewind.

-In CD mode Push to skip up or down to the next or previous track.

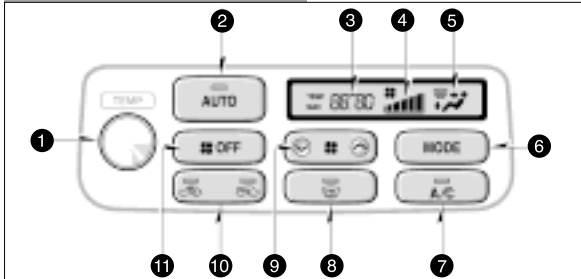
③ **"MODE" switch** Push to select an audio mode. Push and hold to turn the audio system "OFF."

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

*If installed

Air conditioning/Heating

Front

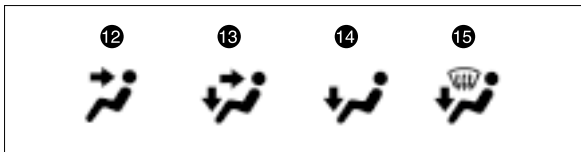


For vehicle equipped with Navigation system, refer to the *Navigation System Owner's Manual*.

- 1 Temperature selector
- 2 "AUTO" switch
- 3 Temperature display
- 4 Fan speed display
- 5 Air flow display
- 6 "MODE" button Air flow selector.
- 7 "A/C" switch Air conditioning system on/off switch. Use with "🚗" for best cooling performance.
- 8 Windshield air flow button
- 9 Fan speed selector
- 10 Air intake selector
- 11 "OFF" switch Air conditioning off switch.

To select air flow vents

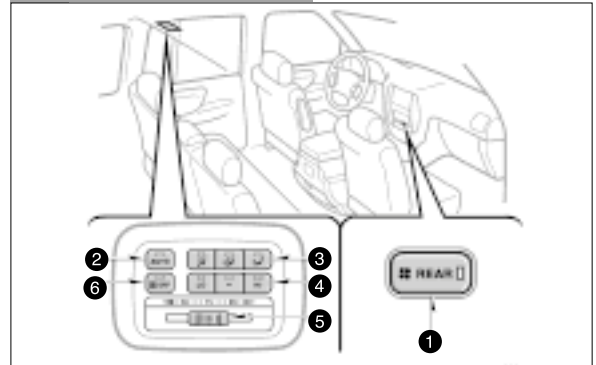
Push "MODE" to select one of the following:



- 12 Instrument panel
- 13 Floor and panel
- 14 Floor
- 15 Floor and windshield¹

¹ Use fresh air mode ("🚗" indicator light "ON") to reduce window fogging.

Rear



For vehicle equipped with Navigation system, refer to the "Navigation System Owner's Manual."

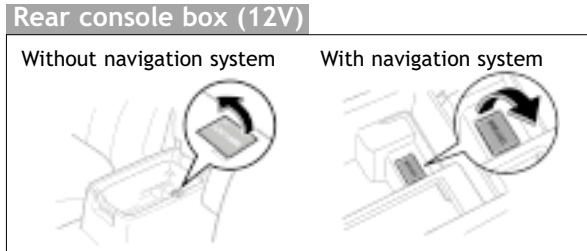
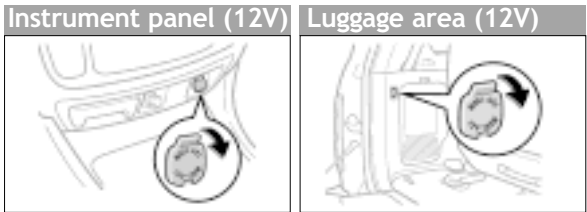
- 1 "REAR" switch Rear air conditioning system on/off switch.
- 2 "AUTO" switch Push to turn automatic air conditioning on/off.
- 3 Air flow selector
- 4 Fan speed selector
- 5 Temperature selector
- 6 "OFF" switch Rear air conditioning system on/off switch.

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

Engine immobilizer

This is a theft deterrent system. The engine will start only when the electronic code in the key's transponder chip corresponds to the registered ID code for the vehicle. Please note that key replacement can be expensive. Refer to the *Owner's Manual* for more details.

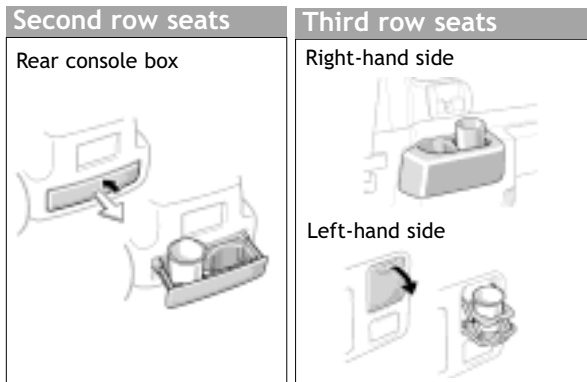
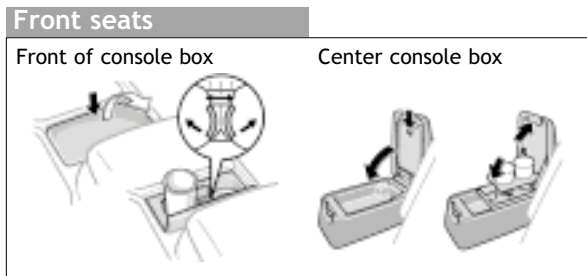
Power outlets



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

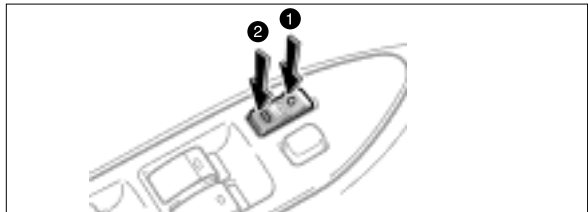
Refer to the *Owner's Manual* for more details.

Cup holders



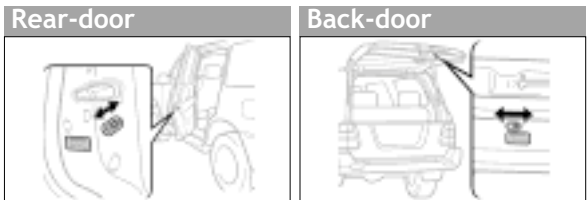
SAFETY AND EMERGENCY FEATURES

Door locks



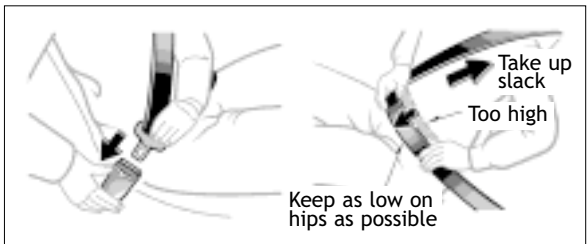
- 1 To lock Push down on the front of the switch.
- 2 To unlock Push down on the back of the switch.

Doors-Child safety locks



To lock the inside handle Move the lever to "LOCK," allowing the door to be opened only from the outside.

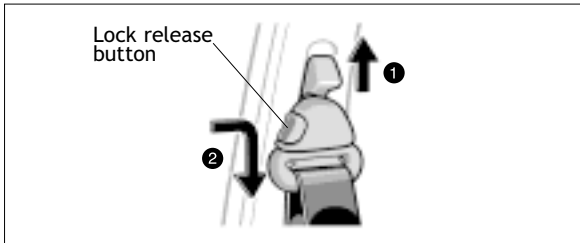
Seat belts



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



- ① To raise Slide the anchor upward.
- ② To lower Squeeze the lock release button and slide the anchor downward.

ATRAC (Active Traction Control)*

Helps control spinning of the wheels, which may occur when accelerating on slippery roads.

VSC¹ (Vehicle Stability Control)*

Helps provide comprehensive control of the Anti-lock Brakes, Brake-Assist², Traction Control, engine control and other systems. This system helps maintain control of the vehicle under adverse conditions.

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

¹ Vehicle Stability Control (VSC) is an electronic system designed to help the driver maintain vehicle control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether VSC will be effective in preventing loss of control.

² Brake-Assist is designed to help the driver take full advantage of the benefits of ABS (Anti-lock Brake System). It is not a substitute for safe driving practices. Braking effectiveness also depends on proper brake-system maintenance and tire and road conditions.

Airbag-Supplemental Restraint System

The Airbag Supplemental Restraint System (SRS) front, side* and side curtain* airbags are designed to help provide further protection for the driver and outboard passenger in addition to the primary safety protection provided by the seat belts.

Please read the following caution, and refer to the *Owner's Manual* for more details.

*If installed

⚠ CAUTION




- The driver and front passenger airbag Supplemental Restraint System (SRS) is designed only as a supplement to the primary protection of the seat belt systems of the driver and front passenger. The front seat occupants are particularly susceptible to injury if they do not wear their seat belts; when sudden braking or a collision occurs, they may be thrown forward. To obtain maximum protection in an accident, the driver and all passengers in the vehicle should always wear their seat belts when driving because serious injuries or death can result to unrestrained occupants. For instructions and precautions concerning the seat belt system, see "Seat belts" in the *Owner's Manual*.
- Toyota strongly urges the use of a proper child restraint system on the rear seat that conforms to the size of the child. According to accident statistics, a child is safer when properly restrained in the rear seat than on the front seat.
- Never use a rear-facing child restraint system in the front seat. The force of the rapid inflation of the passenger airbag can cause severe injury or death to a child.
- Unless it is unavoidable, do not install a forward-facing child restraint system on the front seat.
If you must install a forward-facing child restraint system on the front seat, move the seat as far back as possible.
- Make sure you have complied with all installation instructions provided by the child restraint manufacturer and the system is properly secured.
- The SRS side and side curtain airbags (optional) are designed to deploy in certain types of severe side impact collisions. In all other collisions, the side impact and side curtain airbags will not deploy. For instructions and precautions, see your *Owner's Manual*.
- Do not lean against the side doors when the vehicle is in use. The side and side curtain airbags inflate with considerable speed and force. Death or serious injury could result.
- Do not modify, cover or replace the surface of the front seats. Such changes could disable the system or prevent the airbags from activating correctly, resulting in death or serious injury.

Rollover Information

This vehicle will handle and maneuver differently from an ordinary passenger car because it is also designed for off-road use. It has a higher ground clearance and higher center of gravity than an ordinary passenger car. This vehicle design feature causes this type of vehicle to be more likely to roll over. Utility vehicles have a significantly higher rollover rate than other types of vehicles.

An advantage of the higher ground clearance is a better view of the road allowing you to anticipate problems. However, it is not designed for cornering at the same speeds as ordinary passenger cars any more than low-slung sports cars are designed for off-road use. Therefore, sharp turns at excessive speeds may cause rollover.

Failure to operate this vehicle correctly may result in loss of control, accidents or vehicle rollover causing death or serious injury. Be sure to read your Owner's Manual for more information on safe driving both on and off-road.

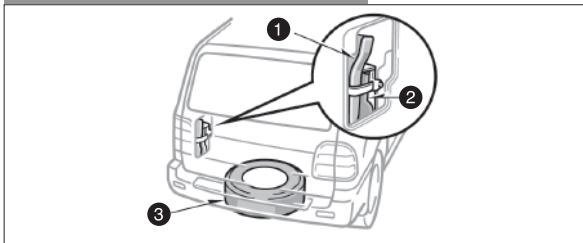
 WARNING: HIGHER ROLLOVER RISK		
	<p>Avoid Abrupt Maneuvers and Excessive Speed.</p> <p>Always Buckle Up.</p> <p>See <i>Owner's Manual</i> For Further Information.</p>	

Always observe the following precautions to minimize the risk of serious personal injury or damage to your vehicle:

- In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt. Therefore, the driver and all passengers should fasten their seat belts whenever the vehicle is moving.
- Avoid sharp turns or abrupt maneuvers, if at all possible. Failure to operate this vehicle correctly may result in loss of control or vehicle rollover causing death or serious injury.
- Loading cargo on the roof luggage carrier will make the center of the vehicle gravity higher. Avoid high speeds, sudden starts, sharp turns, sudden braking or abrupt maneuvers; otherwise, it may result in a loss of ability to operate this vehicle correctly.
- Always slow down in gusty crosswinds. Because of its profile and higher center of gravity, your vehicle is more sensitive to side winds than an ordinary passenger car. Slowing down will allow you to have better control.
- When driving off-road or in rugged terrain, do not drive at excessive speeds, jump, make sharp turns, strike objects, etc. This may cause loss of control or vehicle rollover causing death or serious injury. You are also risking expensive damage to your vehicle's suspension and chassis.
- Do not drive horizontally across steep slopes. Driving straight up or straight down is preferred. Your vehicle (or any similar off-road vehicle) can tip over sideways much more easily than forward or backward.

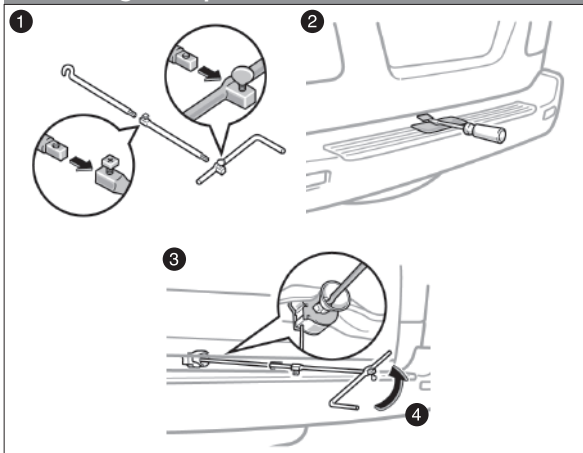
Spare tire & tools

Tool location



- 1 Tool bag
- 2 Jack
- 3 Spare tire

Removing the spare tire



- 1 Assemble the jack handle.
- 2 Remove the access hole cover with a screwdriver.
- 3 Insert the jack handle end through the opening in the bumper, and into the lowering screw.
- 4 Turn the jack handle counterclockwise.

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

If you have any questions or comments
please contact the Toyota Customer
Assistance Center at 1-800-331-4331,
or visit our informative, interactive
Web site at <http://www.toyota.com>

