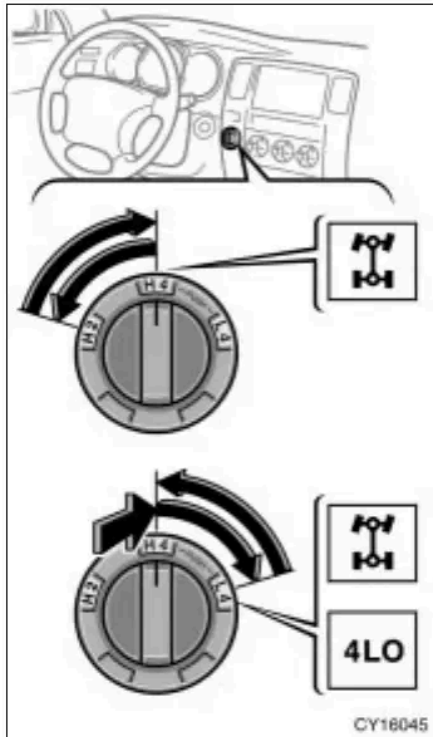
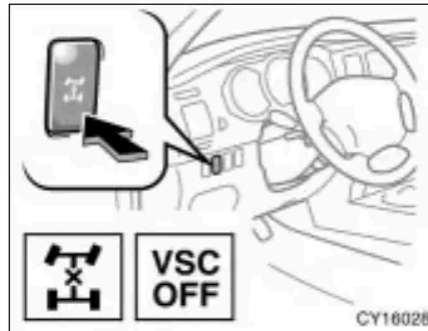


**Four- wheel drive system  
(multi- mode four- wheel drive  
models)—  
(a) Multi- mode control**



Multi- mode control switch knob



Center differential lock switch

Use the multi- mode control switch knob and center differential lock switch to select the transfer and center differential modes.

The "H4" and "L4" positions of the multi-mode control switch knob provide either lock or unlock mode of the center differential depending on the center differential lock switch position.

Use the center differential lock system if your wheels get stuck in a ditch, or when you are driving on a slippery or bumpy surface. When the center differential is locked, the vehicle stability control system is automatically turned off and the center differential lock and "VSC OFF" indicator lights come on because the function that controls engine performance interferes with the process of freeing your wheels.

**NOTICE**

***As soon as the center differential lock switch is turned on, the "VSC OFF" indicator light comes on. After the wheels are out of the ditch or off the slippery or bumpy surface, turn the center differential lock switch off. Make sure that the center differential lock indicator light and vehicle stability control system off indicator light turn off.***

**“H2” (high speed position, two- wheel drive, center differential unlocked):** Multi- mode control switch knob at “H2”, center differential lock switch left out

Use this for normal driving on dry hard-surfaced roads. This position gives greater economy, quietest ride, least wear and better vehicle control.

**“H4” (high speed position, four- wheel drive, center differential unlocked):** Multi- mode control switch knob at “H4”, center differential lock switch left out

The four- wheel drive indicator light comes on when the “H4” mode is selected.

Use this for normal driving on all types of roads, from dry hard- surfaced roads to wet, icy or snow- covered roads. This position provides greater traction than two- wheel drive.

**“H4” (high speed position, four- wheel drive, center differential locked):** Multi- mode control switch knob at “H4”, center differential lock switch pushed in

The four- wheel drive indicator light comes on when the “H4” mode is selected.

Use this for greater traction when you experience a loss of power, such as wheel slipping, in the center differential unlock mode.

**“L4” (low speed position, four- wheel drive, center differential unlocked):** Multi- mode control switch knob at “L4”, center differential lock switch left out

The four- wheel drive and “4LO” (low speed four- wheel drive) indicator lights come on when the “L4” mode is selected.

Use this for maximum power and traction. Use this for climbing or descending steep hills, off- road driving, and hard pulling in sand or mud.

In this mode, the braking feeling that occurs when the wheels are negotiating a sharp corner is further reduced than in the “L4” (low speed position, four- wheel drive, center differential locked) mode.

**“L4” (low speed position, four- wheel drive, center differential locked):** Multi- mode control switch knob at “L4”, center differential lock switch pushed in

The four- wheel drive and “4LO” (low speed four- wheel drive) indicator lights come on when the “L4” mode is selected.

Use this for maximum power and traction. Use this for hard pulling in situations the vehicle cannot negotiate even in the “L4” (low speed position, four- wheel drive, center differential unlocked) mode. Also, using this mode when driving down steep off- road inclines will help contribute to increased vehicle stability.

The indicator light tells when the differential lock is engaged. Note that the differential is not still locked as long as the indicator light remains off.

When the operation is not completed, the indicator blinks. If the indicator light does not go off when you push out the center differential lock switch, drive straight ahead while accelerating or decelerating, or drive in reverse.

If the center differential lock system operation is not completed within 5 seconds while the cruise control system is set, cancel the cruise control system. To cancel the cruise control system, see “Cruise control” on page 190 in Section 1- 7.

If the indicator blinks even if doing so, contact your Toyota dealer as soon as possible. There may be a trouble in the center differential lock system.

See “(c) Shifting procedure” for further instructions.

**Advice for driving on slippery roads in "L4" (low speed position) mode**

If the multi- mode control switch knob is in the "L4" and the automatic transmission selector lever is in the "2" when you drive in steep off- road areas, the output of the brake can be controlled effectively by the active traction control system, which assists the driver to control the driving power of 4 wheels.

Use the "L" position of the automatic transmission selector lever for maximum power and traction when your wheels get stuck or when you drive down a steep incline. In the following cases, the output of the brake can be controlled by the active traction control system if the engine speed is under 3000 rpm (normally engine speed is under 3000 rpm when the wheels get unstuck).

- The multi- mode control switch knob in the "L4" position and the automatic transmission selector lever in the "L" position
- The multi- mode control switch knob in the "L4" position and the automatic transmission selector lever in the "D", "3" or "2" with the transmission downshifting to first gear

- The multi- mode control switch knob in the "L4" position and the automatic transmission selector lever in the "R" position

(As for the automatic transmission selector lever positions, see "Automatic transmission (4- speed)" on page 156 in this Section.)

**(b) A.D.D.  
(automatic disconnecting  
differential)**

**The A.D.D. can be engaged or disengaged by the shifting operations described in "(c) Shifting procedure".**

You should drive in four- wheel drive for at least 16 km (10 miles) each month. This will assure that the front drive components are lubricated.

### (c) Shifting procedure

#### SHIFTING BETWEEN "H2" AND "H4" (UNLOCKED)

To shift from "H2" to "H4" (unlocked), reduce the vehicle speed to less than 100 km/h (62 mph) and turn the multi- mode control switch knob fully clockwise.

If the four- wheel drive indicator light continues to blink when you operate the multi- mode control switch knob from the "H2" to the "H4" position, this reminds you that the transfer mode is not securely in "H4" mode. Drive straight ahead while accelerating or decelerating.

If the four- wheel drive indicator light continues to blink and the buzzer sounds when you operate the multi- mode control switch knob from the "H2" to the "H4" position, this reminds you that the transfer mode is not in "H4" mode. Stop the vehicle or reduce the vehicle speed to less than 100 km/h (62 mph). Operate the switch knob again.

To shift from "H4" (unlocked) to "H2", turn the multi- mode control switch knob fully counterclockwise.

This can be done at any speed.

If the four- wheel drive indicator light continues to blink when you operate the multi- mode control switch knob from the "H4" to the "H2" position, this reminds you that the transfer mode is not securely in "H2" mode. Drive straight ahead while accelerating or decelerating, or drive forward or backward in a short distance.

If the indicator light continues to blink even if doing so, contact your Toyota dealer as soon as possible. There may be a trouble in the four- wheel drive system.

#### CAUTION

**Never operate the multi- mode control switch knob if the wheels are slipping. Stop the slipping or spinning before operating.**

#### SHIFTING BETWEEN "H4" (UNLOCKED) AND "H4" (LOCKED)

To shift between unlock and lock modes in "H4", push the center differential lock switch.

#### SHIFTING BETWEEN "L4" (UNLOCKED) AND "L4" (LOCKED)

To shift between unlock and lock modes in "L4", push the center differential lock switch.

#### SHIFTING BETWEEN "H4" AND "L4"

To shift from "H4" to "L4", bring the vehicle to a complete stop with the brake pedal held down with your foot, shift the automatic transmission selector lever into "N" and push and turn the multi- mode control switch knob fully clockwise.

To shift from "L4" to "H4", bring the vehicle to a complete stop with the brake pedal held down with your foot, shift the automatic transmission selector lever into "N" and turn the multi- mode control switch knob counterclockwise.

If the "4LO" (low speed four-wheel drive) indicator light continues to blink when you operate the multi-mode control switch knob to the "H4" or "L4" position, drive forward or backward in a short distance, then stop the vehicle completely, shift the automatic transmission selector lever securely into "N" and operate the switch knob again.

If the indicator continues to blink even if doing so, contact your Toyota dealer as soon as possible. There may be a trouble in the four-wheel drive system.



**CAUTION**

Never operate the multi-mode control switch knob if the wheels are slipping. Stop the slipping or spinning before operating.

**Traction control system  
(two-wheel drive models)**

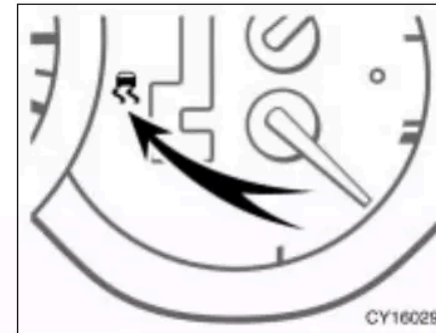
The traction control system automatically helps prevent the spinning of rear wheels when the vehicle is started or accelerated on slippery road surfaces.

When the ignition key is turned to "ON", the system automatically turns on.



**CAUTION**

Under certain slippery road conditions, full traction of the vehicle and power to the rear wheels cannot be maintained, even though the traction control system is in operation. Do not drive the vehicle under any speed or maneuvering conditions which may cause the vehicle to lose traction control. In situations where the road surface is covered with ice or snow, your vehicle should be fitted with snow tires or tire chains. Always drive at an appropriate and cautious speed for the present road conditions.



**NORMAL DRIVING MODE**

Leave the system on during ordinary driving so that it can operate when needed.

You may hear a sound in the engine compartment for a few seconds when the engine is started or just after the vehicle begins to move. This means that the traction control system is in the self-check mode, but does not indicate a malfunction.

When the traction control system is operating, the following conditions occur:

- The system controls the spinning of the rear wheels. At this time, the slip indicator light blinks.