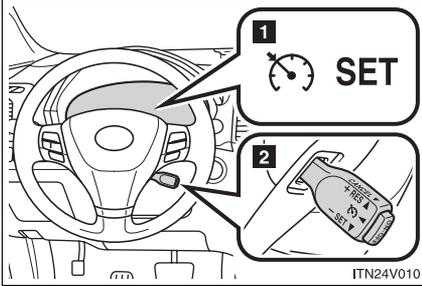


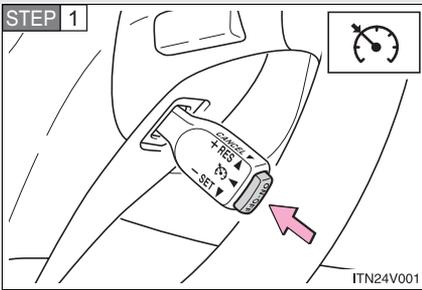
2-4. Using other driving systems

Cruise control

Use the cruise control to maintain a set speed without using the accelerator.

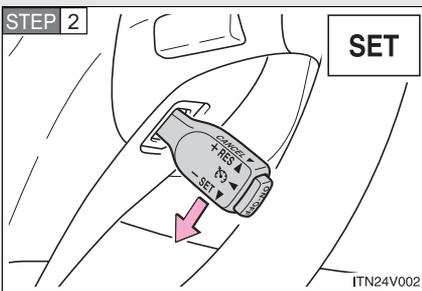


n Set the vehicle speed



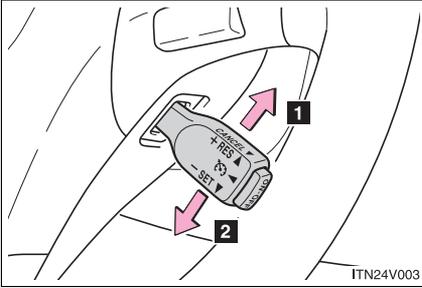
Press the “ON-OFF” switch to operate the cruise control.

Press the switch once more to deactivate the cruise control.



Accelerate or decelerate to the desired speed and push the lever down to set the cruise control speed.

n Adjusting the speed setting

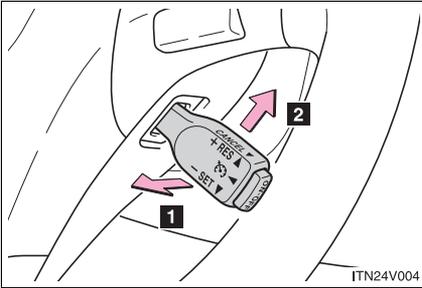


- 1** Increase speed
- 2** Decrease speed

Hold the lever until the desired speed setting is obtained.

Fine adjustment of the set speed (approximately 1.0 mph [1.6 km/h]) can be made by lightly pushing the lever up or down and releasing it.

n Canceling and resuming regular acceleration



- 1** Cancel

Pull the lever towards you to cancel cruise control.

The speed setting is also canceled when the brakes are applied.

- 2** Resume

To resume cruise control and return to the set speed, push the lever up.

■ **Cruise control can be set when**

- ┆ The shift lever is in the “D” or “4”, “5” or “6” range of “S”.
- ┆ Vehicle speed is more than approximately 25 mph (40 km/h).

■ **Accelerating**

The vehicle can be accelerated normally. After acceleration, the set speed resumes.

■ **Automatic cruise control cancelation**

The set speed is automatically canceled in any of the following situations.

- ┆ Actual vehicle speed falls more than 10 mph (16 km/h) below the preset vehicle speed.
At this time, the memorized set speed is not retained.
- ┆ Actual vehicle speed is below 25 mph (40 km/h).
- ┆ VSC is activated.

■ **If the cruise control indicator light flashes**

Press the “ON-OFF” switch once, and then press the button again to reactivate the system.

If the cruise control speed cannot be set or if the cruise control cancels immediately after being activated, there may be a malfunction in the cruise control system. Contact your Toyota dealer, and have your Toyota inspected.

 **CAUTION****n To avoid operating the cruise control by mistake**

Keep the "ON-OFF" switch off when not in use.

n Situations unsuitable for cruise control

Do not use cruise control in any of the following situations.

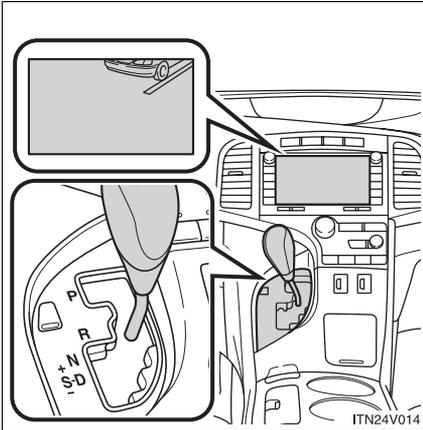
Doing so may result in control of the vehicle being lost and could cause an accident resulting in death or serious injury.

- I In heavy traffic
- I On roads with sharp bends
- I On slippery roads, such as those covered with rain, ice or snow
- I On steep hills
Vehicle speed may exceed the set speed when driving down a steep hill.
- I On winding roads
- I When towing a trailer

Rear view monitor system*

The rear view monitor system assists the driver by displaying an image of the view behind the vehicle while reversing. The image is displayed in reverse on the screen. This allows the image to appear in the same manner as that of the rear view mirror.

► With navigation system



Rear view image is displayed when the shift lever is in "R".

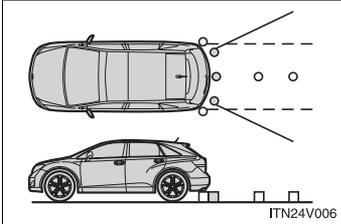
If you move the lever out of "R", the screen returns to the previous one.

► Without navigation system



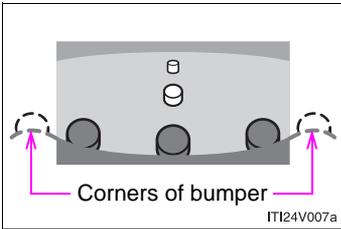
*: If equipped

n Displayed area

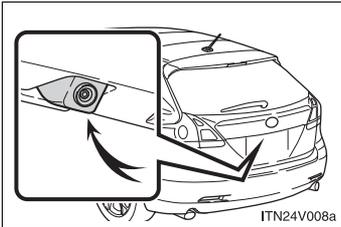


The area covered by the camera is limited. Objects which are close to either corner of the bumper or under the bumper cannot be seen on the screen.

The area displayed on the screen may vary according to vehicle orientation or road conditions.



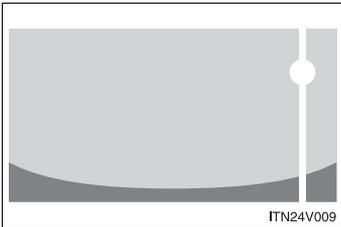
▮ Rear view monitor system camera



In the following cases, it may be difficult to see the images on the screen, even when the system is functioning correctly.

- In the dark (e.g. at night).
- If the temperature near the lens is extremely high or low.
- If water droplets get on the camera, or when humidity is high (e.g. when it rains).
- If foreign matter (e.g. snow or mud) get on the camera lens.
- If the sun or headlights are shining directly into the camera lens.

▮ Smear effect



If a bright light (for example, sunlight reflected off the vehicle body) is picked up by the camera, a smear effect* peculiar to the camera may occur.

*: Smear effect—A phenomenon that occurs when a bright light (for example, sunlight reflected off the vehicle body) is picked up by the camera; when transmitted by the camera, the light source appears to have a vertical streak above and below it.

n **Setting the rear view monitor system displays**

- ▶ Vehicles with navigation system
→"Navigation System Owner's Manual"
- ▶ Vehicles without navigation system
→P. 192

CAUTION

n **When using the rear view monitor system, observe these precautions to avoid an accident that could result in death or serious injuries.**

- l Never depend solely on the monitor system when reversing.
- l Always check visually and with the mirrors to confirm your intended path is clear.
- l Depicted distances between objects and flat surfaces differ from actual distances.
- l Do not use the system if the back door is not completely closed.

n **Conditions which may affect the rear view monitor system**

- l If the back of the vehicle is hit, the camera's position and mounting angle may change. Contact your Toyota dealer.
- l Rapid temperature changes, such as when hot water is poured on the vehicle in cold weather, may cause the system to function abnormally.
- l If the camera lens is dirty, it cannot transmit a clear image. Rinse with water and wipe with a soft cloth. If extremely dirty, wash with a mild cleanser and rinse.
- l The displayed image may be darker and moving images may be slightly distorted when the system is cold.

Driving assist systems

To help enhance driving safety and performance, the following systems operate automatically in response to various driving situations. Be aware, however, that these systems are supplementary and should not be relied upon too heavily when operating the vehicle.

n **ABS (Anti-lock Brake System)**

Helps to prevent wheel lock when the brakes are applied suddenly, or if the brakes are applied while driving on a slippery road surface.

n **Brake assist**

Generates an increased level of braking force after the brake pedal is depressed, when the system detects a panic stop situation.

n **VSC (Vehicle Stability Control)**

Helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces.

n **TRAC (Traction Control)**

Maintains drive power and prevents the front wheels (2WD models) or four wheels (AWD models) from spinning when starting the vehicle or accelerating on slippery roads.

n **Hill-start assist control**

Prevents the vehicle from rolling backwards when starting on incline or slippery slope.

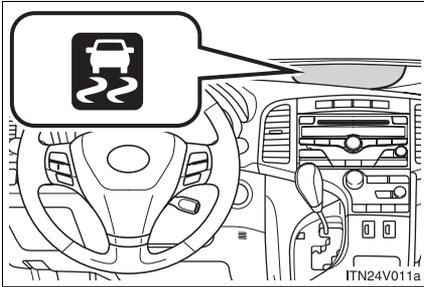
n **EPS (Electric Power Steering)**

Employs an electric motor to reduce the amount of effort needed to turn the steering wheel.

n **Active Torque Control 4WD (if equipped)**

Automatically switches from front-wheel drive to AWD (All-Wheel Drive) according to driving conditions, helping to ensure reliable handling and stability. Examples of conditions where the system will switch to AWD are when cornering, going uphill, starting off or accelerating, and when the road surface is slippery due to snow or rain etc.

When the VSC/TRAC/hill-start assist control are operating



If the vehicle is in danger of slipping, rolling backwards when starting on an incline, or if the front wheels (2WD models) or four wheels (AWD models) spin, the slip indicator light flashes to indicate that the VSC/TRAC/hill-start assist control have been engaged.

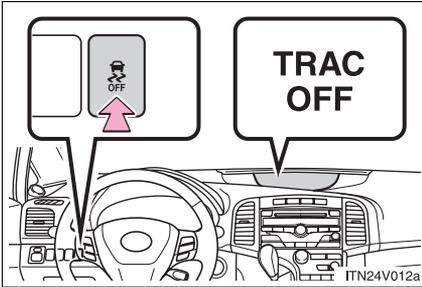
A buzzer (intermittent) sounds to indicate that VSC is operating.

The stop lights and high mounted stoplight turn on when the hill-start assist control system is operating.

To disable TRAC and/or VSC

If the vehicle gets stuck in fresh snow or mud, TRAC and VSC may reduce power from the engine to the wheels. You may need to turn the system off to enable you to rock the vehicle in order to free it.

n Turning off TRAC

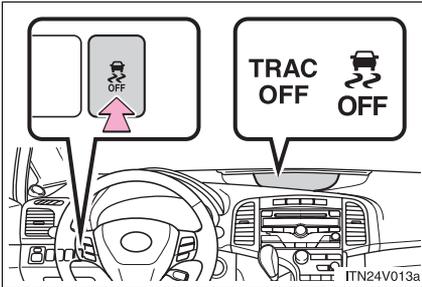


Quickly push and release the button to turn off TRAC.

The TRAC OFF indicator light should come on.

Push the button again to turn the system back on.

n Turning off TRAC and VSC



Push and hold the button for more than 3 seconds while the vehicle is stopped to turn off TRAC and VSC.

The TRAC OFF indicator light and VSC OFF indicator light will come on.

Push the button again to turn the system back on.

n **Automatic reactivation of TRAC and VSC**

▶ Vehicles with smart key system

Turning the “ENGINE START STOP” switch off after turning off the TRAC and VSC will automatically re-enable them.

▶ Vehicles without smart key system

Turning the engine switch to the “LOCK” position after turning off the TRAC and VSC will automatically re-enable them.

n **Automatic TRAC reactivation**

If only the TRAC is turned off, the TRAC will turn on when vehicle speed increases.

n **Automatic TRAC and VSC reactivation**

If the TRAC and VSC are turned off, the systems will not turn on even when vehicle speed increases.

n **Sounds and vibrations caused by the ABS, brake assist, TRAC, VSC and hill-start assist control**

- l A sound may be heard from the engine compartment when the engine is started or just after the vehicle begins to move. This sound does not indicate that a malfunction has occurred in any of these systems.
- l Any of the following conditions may occur when the above systems are operating. None of these indicates that a malfunction has occurred.
 - Vibrations may be felt through the vehicle body and steering.
 - A motor sound may be heard after the vehicle comes to a stop.
 - The brake pedal may pulsate slightly after the ABS is activated.
 - The brake pedal may move down slightly after the ABS is activated.

■ **Hill-start assist control is operational when**

- ┆ The shift lever is in the “D” or “S” position.
- ┆ The brake pedal is not depressed.

■ **EPS operation sound**

When the steering wheel operates, a motor sound (whirring sound) may be heard.

This does not indicate a malfunction.

■ **Reduced effectiveness of EPS**

The effectiveness of EPS is reduced to prevent the system from overheating when there is frequent steering input over an extended period of time. The steering wheel may feel heavy as a result. Should this occur, refrain from excessive steering input or stop the vehicle and turn the engine off. The system should return to normal within 10 minutes.

 **CAUTION**

■ **The ABS does not operate effectively when**

- ┆ The limits of tire gripping performance have been exceeded.
- ┆ The vehicle hydroplanes while driving at high speed on the wet or slick road.

■ **Stopping distance when the ABS is operating on the wet or slick roads**

The ABS is not designed to shorten the vehicle's stopping distance. Always maintain a safe distance from the vehicle in front of you in the following situations.

- ┆ When driving on dirt, gravel or snow-covered roads
- ┆ When driving with tire chains
- ┆ When driving over bumps in the road
- ┆ When driving over roads with potholes or roads with uneven roads

 **CAUTION****n TRAC may not operate effectively when**

Directional control and power may not be achievable while driving on slippery road surfaces, even if the TRAC is operating.

Do not drive the vehicle in conditions where stability and power may be lost.

n If the hill-start assist control does not operate effectively

The hill-start assist control may not operate effectively on steep inclines and roads covered in ice.

n When TRAC and VSC are off

Be especially careful and drive at a speed appropriate to the road conditions. As there are systems to ensure vehicle stability and driving force, do not turn off TRAC and VSC unless necessary.

n When the VSC is activated

The slip indicator light flashes and a warning buzzer sounds. Always drive carefully.

Reckless driving may cause an accident. Exercise particular care when the indicator light flashes and a buzzer sounds.

 **CAUTION**

n Replacing tires

Make sure that all tires are of the same size, brand, tread pattern and total load capacity. In addition, make sure that the tires are inflated to the specified tire pressure level.

The ABS and VSC will not function correctly if different tires are fitted on the vehicle.

Contact your Toyota dealer for further information when replacing tires or wheels.

n Handling of tires and suspension

Using tires with any kind of problem or modifying the suspension will affect the driving assist systems, and may cause the system to malfunction.

n Active Torque Control 4WD system

I The AWD system of this vehicle is intended to ensure driving stability on normal roads. It is not designed for use in demanding situations such as rally driving.

I Take care when driving on slippery road surfaces.