

## ***SECTION 2- 6***

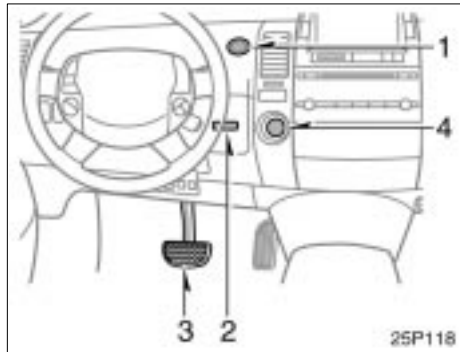
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### **OPERATION OF INSTRUMENTS AND CONTROLS**

#### **“POWER” switch, Transmission and Parking brake**

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### Push button start system—



The push button start system is used to start or stop the hybrid system and select “ACC”, “IG-ON” or “OFF” mode. (See “—Selecting the push button start system mode” on page 140 and “How to start the hybrid system” on page 350.) The system contains the following components.

1. “POWER” switch
2. Key slot
3. Brake pedal
4. Electronic shift lever

### —Key slot



Your vehicle keys and the key slot are different shapes from conventional ones.

Keep the following in mind when operating the key:

- When inserting the key, be sure to push it in all the way.
- When pulling out the key, be careful because it will be pushed out by the spring and it might fly out.
- If the key cannot be pulled out, push it in all the way again, then pull it out.

### CAUTION

Do not put your finger into the key slot. Your finger might be injured.

### NOTICE

*Observe the following instructions, or the key mechanism might be damaged and will not work properly.*

- ◆ *The key should be operated with a clean hand and fingers.*
- ◆ *Do not insert the key forcibly.*
- ◆ *Do not insert any key other than genuine formal keys into the key slot.*
- ◆ *Do not pull out the key forcibly when it cannot be removed.*
- ◆ *Do not put water, oil, foreign objects, etc. into the key slot.*
- ◆ *Do not insert a wet, oily or damaged key into the key slot.*
- ◆ *Do not affix a sticker on the key.*
- ◆ *Do not insert the key in the wrong way.*

### —“POWER” switch

◆ *Do not pull out the key ring when removing the key out of the key slot.*  
*Should you find anything unusual, contact your Toyota dealer as soon as possible.*



Press the “POWER” switch slowly and surely. Quick operation may not activate the desired mode.

#### CAUTION

- Do not press the switch while driving, except in an emergency.
- In hot weather, the switch surface may get hot. Take care not to get burned.

#### NOTICE

*Observe the following instructions or the push button start system may not work properly.*

◆ *The switch should be operated with a clean finger. Do not use an oily or dirty finger.*

◆ *Be careful not to spill water or other liquid on the switch.*

*In the following conditions, contact your Toyota dealer as soon as possible.*

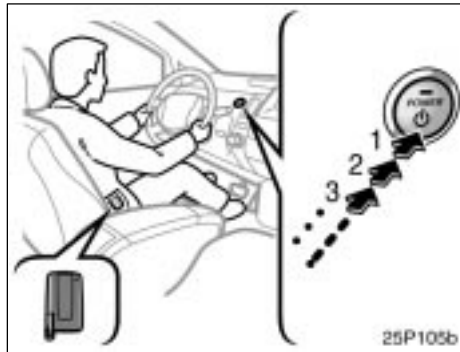
◆ *If the indicator on the switch flashes in amber, the system may be malfunctioning. Once you turn the power off, it may not turn on again.*

◆ *If you find anything unusual in the switch function, refrain from using the vehicle.*

*In the following condition, have your vehicle inspected by your Toyota dealer.*

◆ *The indicator light on the “POWER” switch does not come on when the clearance lights are turned on.*

**—Selecting the push button  
start system mode**  
(with smart function—on some models)



Without depressing the brake pedal

Carrying a smart key allows you to operate the “POWER” switch without the key being inserted into the key slot.

Each time you press the “POWER” switch briefly without the brake pedal depressed, the hybrid system mode changes in the order of “OFF”, “ACC”, “IG-ON” and then back to “OFF”.

The smart function can be set to become inoperative using the smart cancel switch. For details, see “Deactivating the smart function” on page 34.

**1) “ACC” (Green indicator is turned on)**

**Accessories such as the radio operate.**

Pressing the “POWER” switch briefly without depressing the brake pedal in the “OFF” mode turns on this mode.

In the “ACC” mode, pressing the “POWER” switch briefly while depressing the brake pedal will start the hybrid system.

If you leave your vehicle in the “ACC” mode for about an hour, the hybrid system is automatically turned off.

**2) “IG-ON” (Amber indicator is turned on)**

**All accessories are operable.**

Pressing the “POWER” switch briefly without depressing the brake pedal in the “ACC” mode turns on this mode.

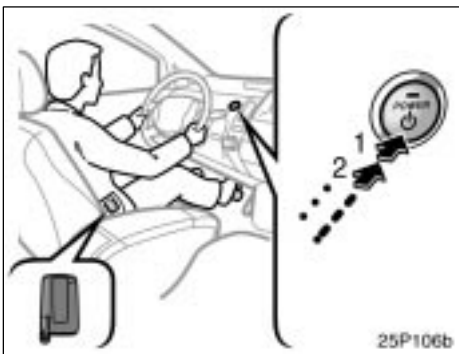
In the “IG-ON” mode, pressing the “POWER” switch briefly while depressing the brake pedal will start the hybrid system. However, if “N” position is selected, the hybrid system will be turned to the “OFF” mode.

**3) “OFF” (Indicator is turned off)**

**The hybrid system is off.**

You may hear a motor sound in the engine compartment for a few seconds after the system is turned off and about 90 seconds have passed.

The hybrid vehicle immobilizer system is automatically set. See “Hybrid vehicle immobilizer system” on page 21.



With the brake pedal depressed

**The hybrid system will start and stop by pressing the “POWER” switch briefly with the brake pedal depressed.**

You may hear a motor sound in the engine compartment when the brake pedal is depressed with the hybrid system off.

**1) “START” (Amber indicator comes on for a few seconds.)**

**The hybrid system is ready to operate and all accessories are operable. (“IG-ON”)**

Press the “POWER” switch with the brake pedal depressed.

For starting tips, see “How to start the hybrid system—” on page 350.

If in an emergency, you must turn the hybrid system off while the vehicle is moving, press the “POWER” switch for more than 3 seconds. At this time, the “ACC” mode and shift position “N” are automatically enabled.

**2) “OFF” (Indicator is turned off)**

**The hybrid system is off.**

You may hear a motor sound in the engine compartment for a few seconds after the system is turned off and about 90 seconds have passed.

The hybrid vehicle immobilizer system is automatically set. See “Hybrid vehicle immobilizer system” on page 21.

Approximately 5 hours after the hybrid system is turned off, you may hear a sound coming from underneath the luggage compartment for several minutes. This is normal operation and does not indicate a malfunction. (See “Leak detection pump” on page ix.)

#### NOTICE

- ◆ ***The hybrid system cannot be started when the shift position is in “N”. Be sure to put it in “P” and then start the system.***
- ◆ ***Do not leave the hybrid system in “ACC” or “IG-ON” for a long time. The 12 volt battery will discharge.***
- ◆ ***The hybrid mode in which the battery is discharged or disconnected is retained in memory, and that mode is turned on when power is applied.***

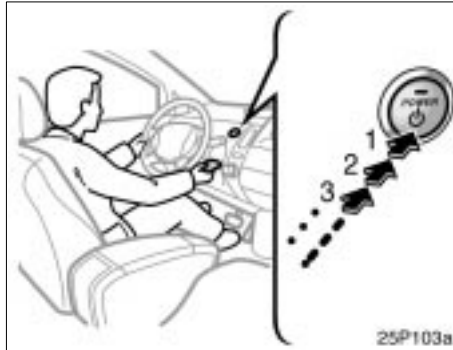
When you leave your vehicle, be sure to turn the “POWER” switch off and carry the smart key.

If you get out of your vehicle while carrying a key without turning off the “POWER” switch and then close the door, a warning tone sounds inside and beeps sound outside.

### INFORMATION

*You can insert a genuine key while in the "IG-ON" mode or with the hybrid system starting. Do not insert any key other than genuine keys.*

### —Selecting the push button start system mode (without smart function)



Without depressing the brake pedal

Each time you press the "POWER" switch briefly without the brake pedal depressed, the hybrid system mode changes in the order of "OFF", "ACC", "IG-ON" and then back to "OFF".

**1) "ACC" (Green indicator is turned on)**  
Accessories such as the radio operate.

Pressing the "POWER" switch briefly without depressing the brake pedal in the "OFF" mode turns on this mode.

The key can be removed at this position. The hybrid system is automatically turned off.

In the "ACC" mode, pressing the "POWER" switch briefly while depressing the brake pedal will start the hybrid system.

If you leave your vehicle in the "ACC" mode for about an hour, the hybrid system is automatically turned off.

**2) "IG-ON" (Amber indicator is turned on)**

All accessories are operable.

Pressing the "POWER" switch briefly without depressing the brake pedal in the "ACC" mode turns on this mode.

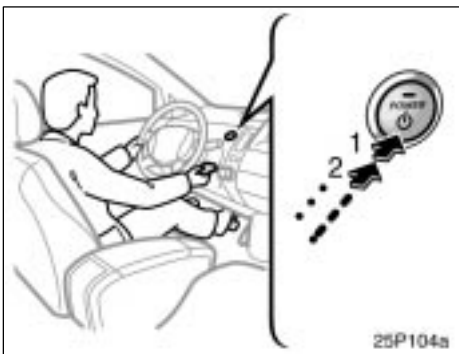
In the "IG-ON" mode, pressing the "POWER" switch briefly while depressing the brake pedal will start the hybrid system. However, if "N" position is selected, the hybrid system will be turned in the "OFF" mode.

**3) "OFF" (Indicator is turned off)**

The hybrid system is off. The key can be removed at this position.

You may hear a motor sound in the engine compartment for a few seconds after the system is turned off and about 90 seconds have passed.

Once you remove the key, the hybrid vehicle immobilizer system is automatically set. See "Hybrid vehicle immobilizer system" on page 21.



With the brake pedal depressed

**The hybrid system will start and stop by pressing the “POWER” switch briefly with the brake pedal depressed.**

You may hear a motor sound in the engine compartment when the brake pedal is depressed with the hybrid system off.

**1) “START” (Amber indicator comes on for a few seconds)**

**The hybrid system is ready to operate and all accessories are operable. (“IG-ON”)**

Insert the key and press the “POWER” switch briefly with the brake pedal depressed.

For starting tips, see “How to start the hybrid system—” on page 350.

If, in an emergency, you must turn the hybrid system off while the vehicle is moving, press the “POWER” switch more than 3 seconds. At this time, the “ACC” mode and shift position “N” are automatically enabled.

**2) “OFF” (Indicator is turned off)**

**The hybrid system is off. The key can be removed at this position.**

You may hear a motor sound in the engine compartment for a few seconds after the system is turned off and about 90 seconds have passed.

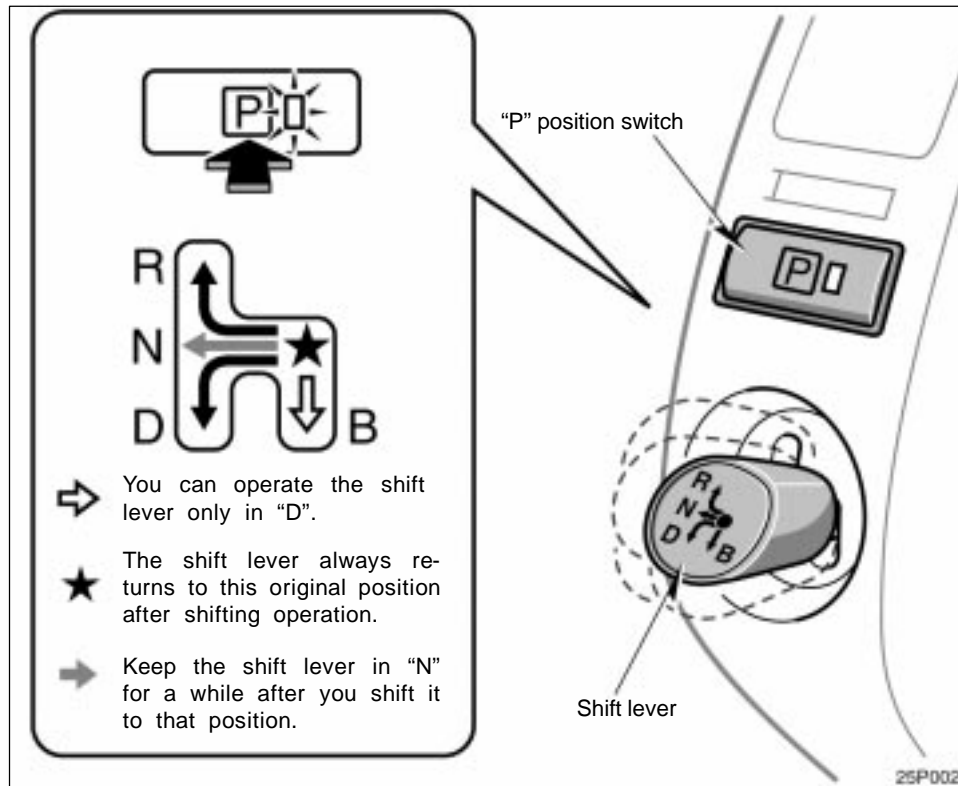
Once you remove the key, the hybrid vehicle immobilizer system is automatically set. See “Hybrid vehicle immobilizer system” on page 21.

Approximately 5 hours after the hybrid system is turned off, you may hear a sound coming from underneath the luggage compartment for several minutes. This is normal operation and does not indicate a malfunction. (See “Leak detection pump” on page ix.)

#### NOTICE

- ◆ *The hybrid system cannot be started when the shift position is in “N”. Be sure to put it in “P” and then start the system.*
- ◆ *Do not leave the hybrid system in “ACC” or “IG-ON” for a long time. The 12 volt battery will discharge.*
- ◆ *The hybrid mode in which the battery is discharged or disconnected is retained in memory, and that mode is turned on when power is applied.*

## Hybrid transaxle



Your hybrid transaxle has an electronic shift lever system to minimize incorrect operation. This means you can only shift to other position from "P" when the brake pedal is depressed.

With the following improper shifting, the rejection function operates and a beep sounds so the hybrid transaxle cannot be shifted.

- (i) When you attempt to shift the transaxle from the "P" position without depressing the brake pedal.
- (ii) When you push the "P" switch while driving.
- (iii) When you operate the shift lever from "D" to "R" or vice versa while the vehicle is moving.
- (iv) When you operate the shift lever to "B" from any position other than "D".

In case of (i), the transaxle remains in "P". In case of (ii) through (iv), the transaxle is automatically shifted to "N".





#### (a) Shift lever

The shift position is displayed on the instrument cluster.

**R:** Reverse position (buzzer sounds)

**N:** Neutral position

**D:** Normal driving position

**B:** Engine braking position  
(shown only while in "D")

#### NOTICE

*Observe the following instructions. Otherwise, the lever may cause a malfunction, resulting in trouble:*

◆ *Do not remove the knob on the lever.*

◆ *Do not use a knob other than the originally fitted knob.*

◆ *Do not hang anything on the lever.*

*Should you find anything unusual, contact your Toyota dealer as soon as possible.*

#### (b) "P" position switch

The "P" (parking) position is displayed on the instrument cluster, and the indicator on the "P" position switch comes on.

#### (c) Normal driving

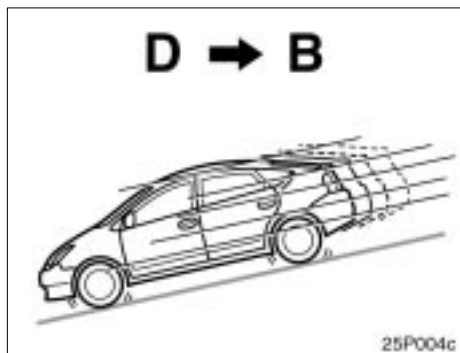
1. Start the hybrid system as instructed in "How to start the hybrid system" on page 350.
2. With your foot holding down the brake pedal, shift the shift lever to "D".

#### CAUTION

**Never put your foot on the accelerator pedal while shifting. Doing so can cause abrupt acceleration.**

3. Release the parking brake and brake pedal. Depress the accelerator pedal slowly for smooth starting.

When you shift the transaxle to "D" while backing up, an alarm sounds and the transaxle is shifted to "N".



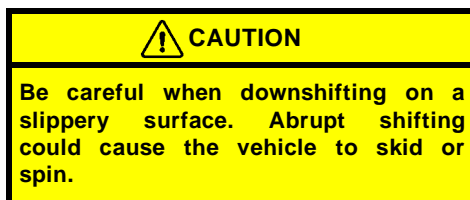
#### (d) Using engine braking

To use engine braking, shift the shift lever to "B" position.

During high speed driving, you may feel that deceleration by engine braking is less than that of a typical vehicle.

Do not continue normal driving with the transaxle in "B" for a long time. This may cause decreased fuel economy. To prevent this, use "D" for normal driving.

When you shift the transaxle to "B" from a position other than "D", an alarm sounds and the transaxle is automatically shifted to "N".



#### (e) Backing up

1. Bring the vehicle to a complete stop.
2. With the brake pedal held down with your foot, shift the shift lever to the "R" position. You will hear beeps while the transaxle is in "R".

When you shift the transaxle to "R" while driving, an alarm sounds and the transaxle is shifted to "N".

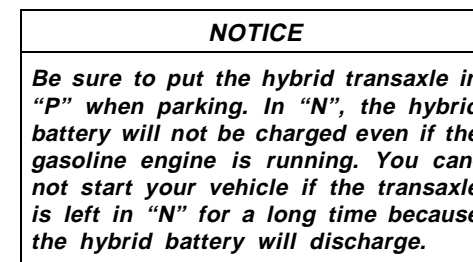
#### (f) Parking

1. Bring the vehicle to a complete stop.
2. With the brake pedal pressed down, fully depress the parking brake pedal to apply the parking brake securely.
3. With the brake pedal pressed down, push the "P" position switch.

If you press the "POWER" switch while stopping, the transaxle is automatically shifted to the "P" and the hybrid system is turned off.

If the driver's door is opened when the transaxle is in "N", "D" or "B", beep sounds and a warning message appears on the multi-information display to warn you to shift the transaxle to "P".

If you push the "P" position switch while driving, an alarm sounds and the transaxle is automatically shifted to "N".



When shifting the transaxle from "P" on the slope, a large parking lock releasing noise will be generated. However, this does not indicate a malfunction.

### **(g) Vehicle driving characteristics**

#### **Creeping**

In order to hold the vehicle properly on an incline and for better accelerator pedal operation at starting, your vehicle is designed like a typical automatic transmission vehicle which tends to move without depressing the accelerator pedal with the transaxle in a position other than "P" or "N".

With the transaxle in a position other than "P" or "N", depress the brake pedal firmly even when stopped and apply the parking brake as required.

When moving in a compact area or during a traffic jam, it is an effective way to control the speed using only the brake pedal operation without depressing the accelerator pedal.

#### **Regenerative brake**

When the accelerator pedal is released or the brake pedal is depressed, the electric motor acts as a generator and converts kinetic energy to electric energy to provide deceleration and recover electric energy to charge the hybrid battery.

At this time, the electric motor running noise may increase.

The operation is the same as a typical gasoline powered vehicle.

You may experience the following condition while braking. As they do not indicate a malfunction, perform braking as usual:

- In the "OFF" mode, pressing the "POWER" switch once or twice will select "ACC" or "IG-ON" only if the brake pedal is not depressed. In this condition, the brake pedal may move a little.

#### **Hybrid driving**

This vehicle runs in combination with the gasoline engine and electric motor.

If the "READY" light is on, you can start your vehicle even with the gasoline engine stopped.

### **(h) If the system malfunctions**

In the following conditions, there is some problem in the system.

- The indicator on the "P" position switch flashes. However, this does not indicate a malfunction unless a warning message appears in the multi-information display.
- All frames of shift position indicators in the instrument cluster flash.
- The parking system error message appears on the multi-information display.
- The instrument cluster and multi-information display does not come on when the "IG-ON" mode is enabled.

In these cases, stop your vehicle in a safe and level place, apply the parking brake securely and contact your Toyota dealer immediately.

#### **(i) When the 12 volt battery is disconnected**

Before you disconnect the 12 volt battery, confirm the shift position is "P" and apply the parking brake completely.

After you reconnect the 12 volt battery, shift the shift lever to "N" and confirm the shift position is in "N" when the "IG-ON" mode is enabled.

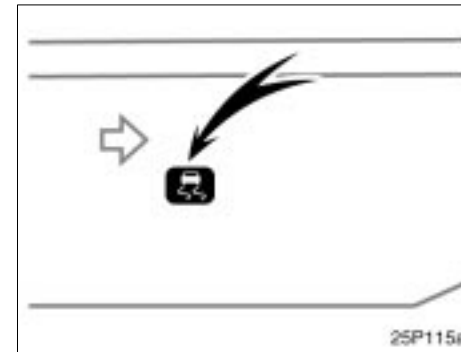
## Vehicle stability control system

The vehicle stability control system helps provide integrated control of the systems such as anti-lock brake system, brake assist system, hybrid system control, etc. This system automatically controls the brakes and hybrid system to help prevent the vehicle from skidding when cornering on a slippery road surface or operating steering wheel abruptly.

The vehicle stability control system is activated when the vehicle speed is more than about 15 km/h (9 mph).

### CAUTION

- Do not rely exclusively on the vehicle stability control system. Even if the vehicle stability control system is operating, you must always drive carefully and attentively to avoid death or serious injury. Reckless driving will result in an unexpected accident. If the slip indicator light flashes, sounding an alarm, special care should be taken while driving.
- Only use tires of specified size. The size, manufacturer, brand and tread pattern for all 4 tires should be the same. If you use tires other than specified, or mixed types or size, the vehicle stability control system may not function correctly. When replacing the tires or wheels, contact your Toyota dealer. (See “Checking and replacing tires” on page 411.)



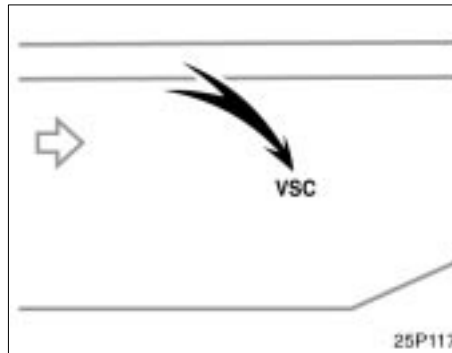
### Slip indicator light

If the vehicle is going to skid during driving, the slip indicator light blinks and an alarm sounds intermittently. Special care should be taken while driving.

The slip indicator light blinks in the following conditions also.

- The vehicle tires are racing. Utmost care is required when driving.
- When the anti-lock brake system is operating. See “Brake system” on page 327 for details.

The slip indicator light comes on when the "IG-ON" mode is enabled and will go off after the "READY" light comes on. If the indicator light does not come on when the hybrid system is turned on, contact your Toyota dealer.



#### **"VSC" warning light**

This light warns that there is a problem somewhere in the vehicle stability control system.

The light will come on when the "IG-ON" mode is enabled and will go off after the "READY" light comes on.

If the light comes on while driving, the system does not work. However, because the conventional braking still operates, you can drive your vehicle without damaging it. Contact your Toyota dealer.

In the following cases, contact your Toyota dealer:

- The warning light does not come on after the "IG-ON" mode is enabled.
- The warning light remains on after the "READY" light comes on.
- The warning light comes on while driving.

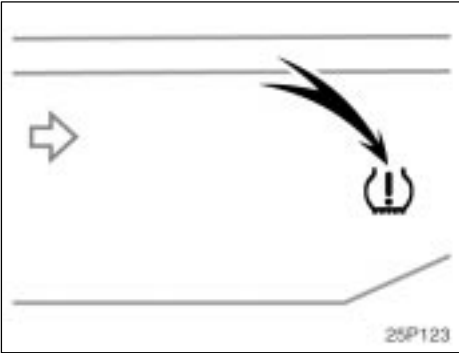
# **Tire pressure warning system**

**The tire pressure warning system warns you that the tire inflation pressure is low.**

The tire pressure warning system is not a substitute for checking normal tire inflation pressure. Check the tire inflation pressure with a tire pressure gauge regularly.



**CAUTION**

**The warning system may not activate immediately if bursts or sudden air leakage should occur.**



The tire pressure warning light comes on when the “POWER” switch is selected in “IG-ON” mode and goes off after a few seconds. This means the tire pressure warning light is operating properly. If the tire inflation pressure becomes low, the light comes on again. In this case, adjusting the tire inflation pressure will turn off the light after a few minutes. If the light comes on after blinking for 1 minute, the tire pressure warning system is not working properly.

| Indicator status               | Meanings                                 | Do this                                       |
|--------------------------------|--|---|
| ON                             | Tire inflation pressure is low           | Adjust the tire inflation pressure            |
| ON after blinking for 1 minute | Tire pressure warning system malfunction | Have the system checked at your Toyota dealer |


**CAUTION**

**If the tire pressure warning light comes on, be sure to observe the following precautions. Failure to do so could cause loss of vehicle control and result in death or serious injury.**

- **Stop your vehicle in a safe place as soon as possible. Adjust the tire inflation pressure immediately.**
- **If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If the tire is flat, change to the spare tire and have the flat tire repaired by the nearest Toyota dealer.**

- **Avoid abrupt maneuvering and braking. If the vehicle tires deteriorate, you could lose control of the steering wheel or the brakes.**

The tire pressure warning light may turn on due to natural causes such as natural air leaks or tire inflation pressure changes caused by temperature. In this case, adjusting the tire inflation pressure will turn off the light after a few minutes.

Pushing the tire pressure warning reset switch should not turn off the tire pressure warning light. Adjusting the tire inflation pressure will turn off the light.

The compact spare tire is not equipped with the tire pressure warning valve and transmitter. If a tire goes flat, the warning light will not turn off even though the flat tire is replaced with the spare tire. Replace the spare tire with the repaired tire and adjust the proper tire inflation pressure. The tire pressure warning light will turn off after a few minutes.



#### **CAUTION**

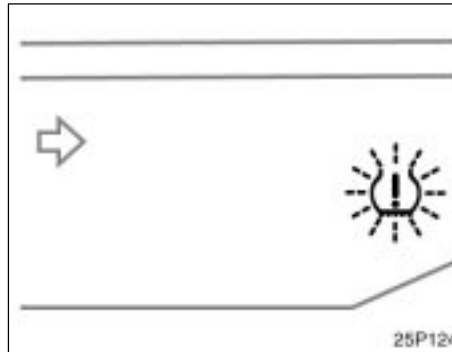
Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label (tire and load information label). (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label (tire and load information label), you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS—tire pressure warning system) that illuminates a low tire pressure telltale (tire pressure warning light) when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale (tire pressure warning light) illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS (tire pressure warning system) is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale (tire pressure warning light).

### NOTICE

- ◆ *Do not use liquid sealants for a flat tire as tire pressure warning valve and transmitter will be damaged.*
- ◆ *When the tires must be repaired or replaced, have them repaired or replaced by the nearest Toyota dealer or an authorized tire dealer. The tire pressure warning valves and transmitters will be affected by the installation or removal of tires.*



#### IF THE TIRE PRESSURE WARNING LIGHT COMES ON AFTER BLINKING FOR 1 MINUTE...

If the tire pressure warning light comes on after blinking for 1 minute when the “POWER” switch is selected in “IG-ON” mode, the tire pressure warning system is not working properly.

The system will be disabled in the following conditions:

(When the condition becomes normal, the system will work properly.)

- If tires not equipped with tire pressure warning valves and transmitters are used.

- If the ID code on the tire pressure warning valves and transmitters is not registered on the tire pressure warning ECU.
- If electronic devices or facilities using similar radio wave frequencies are nearby.
- If a radio set at similar frequencies is in use in the vehicle.
- If a window tint that affects the radio wave signals is installed.
- If there is a lot of snow or ice on the vehicle, in particular around the wheels or wheel housings.
- If non-genuine Toyota wheels are used.
- If tire chains are used.
- If the tire inflation pressure is more than 500 kPa (5.1 kgf/cm<sup>2</sup> or bar, 73 psi) or higher.

If the tire pressure warning light continues to come on after blinking for 1 minute when the “POWER” switch is selected in “IG-ON” mode, have the system checked by your Toyota dealer.

Even if you use genuine wheels, the tire pressure warning system may not work properly with some types of tires.



Pushing the tire pressure warning reset switch should not turn off the tire pressure warning light.

**For vehicles sold in U.S.A.**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTICE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC WARNING:**

**Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

**For vehicles sold in Canada**

Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

**REPLACING TIRES AND WHEELS**

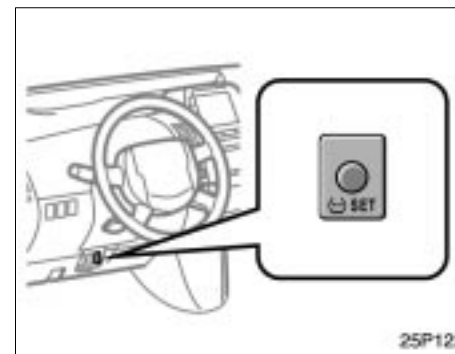
When replacing the tires and wheels, be sure to install tire pressure warning valves and transmitters. ID codes on the tire pressure warning valves and transmitters are registered on the tire pressure warning ECU. When replacing a tire pressure warning valve and transmitter, it is necessary to register the ID code of tire pressure warning valve and transmitter. Have the ID code registered by your Toyota dealer.

If the ID code is not registered, the system will not work properly. After about 1 hour, the tire pressure warning light comes on after blinking for 1 minute to indicate a system malfunction.

**NOTICE**

***When the tires or tire pressure warning valves and transmitters must be replaced, have them replaced by your Toyota dealer. The tire pressure warning valves and transmitters will be affected by the installation or removal of tires.***

**Tire pressure warning reset switch**



When initializing the system, the present tire inflation pressure is stored as standard. The tire pressure warning system determines decreased air pressure by comparing the present and the standard tire inflation pressures. When you change the set tire inflation pressure, it is necessary to initialize the tire pressure warning system.

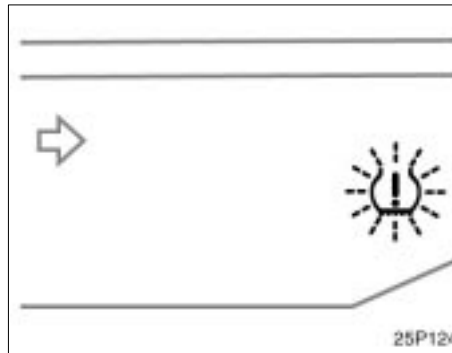
- When rotating the tires on vehicles differing with front and rear tire inflation pressures.
- When changing the tire size.

**To initialize the system, perform the following:**

1. Park the vehicle in a safe place and the hybrid system is off.
2. Adjust the pressure of all the installed tires to the specified cold tire inflation pressure level. (See "Tires" on page 434.)
3. Turn the "POWER" switch to "IG-ON" mode.
4. Push and hold the tire pressure warning reset switch until the tire pressure warning light blinks slowly three times.
5. Wait for a few minutes with the "POWER" switch selected in "IG-ON" mode, and then turn the hybrid system off.

If you push the tire pressure reset switch while the vehicle is moving, initialization is not performed.

If you push the tire pressure reset switch accidentally and initialization is performed, adjust the tire inflation pressure to the specified level and initialize the system again.

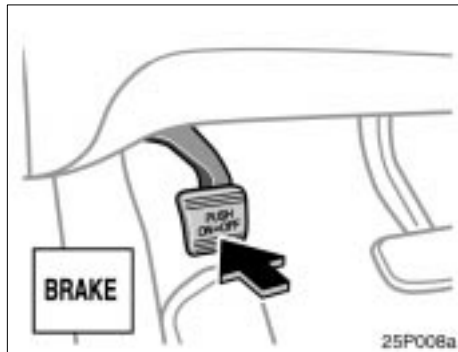


If the tire pressure warning light does not blink slowly three times when you push and hold the reset switch, initialization has failed and the tire pressure warning system may not work properly. In this case, initialize the system again. If initialization cannot be performed, have the system checked at your Toyota dealer.

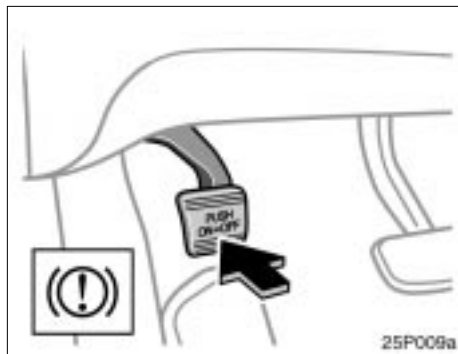
**CAUTION**

**Do not push the reset switch without first adjusting the tire inflation pressure to the specified level. Otherwise, the tire pressure warning light may not come on even if the tire inflation pressure is low, or it may come on when the tire inflation pressure is actually normal.**

## Parking brake



Vehicles sold in the U.S.A.



Vehicles sold in Canada

**When parking, firmly apply the parking brake to avoid inadvertent creeping.**

To set: Fully depress the parking brake pedal. For better holding power, first depress the brake pedal and hold it while setting the parking brake.

To release: Depress the parking brake pedal while depressing the brake pedal.

To remind you that the parking brake is set, the parking brake reminder light in the instrument panel remains on until you release the parking brake.

### CAUTION

- Driving with the parking brake engaged can reduce braking power.
- Before driving, be sure the parking brake is fully released and the parking brake reminder light is off.

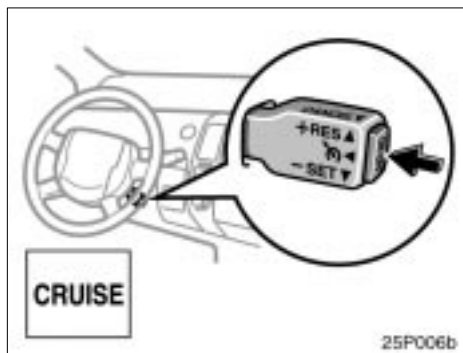
## Cruise control

The cruise control allows you to cruise the vehicle at a desired speed over 40 km/h (25 mph) even with your foot off the accelerator pedal.

Your cruising speed can be maintained up or down grades within the limits of hybrid system performance, although a slight speed change may occur when driving up or down the grades. On steeper hills, a greater speed change will occur so it is better to drive without the cruise control.

### CAUTION

- To help maintain maximum control of your vehicle, do not use the cruise control when driving in heavy or varying traffic, or on slippery (rainy, icy or snow-covered) or winding roads.
- Avoid vehicle speed increases when driving downhill. If the vehicle speed is too fast in relation to the cruise control set speed, cancel the cruise control then shift the shift lever to "B" position to use engine braking to slow down.



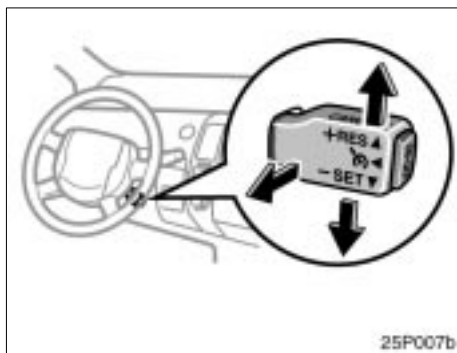
#### TURNING THE SYSTEM ON

To operate the cruise control, push the "ON-OFF" switch. This turns the system on. The indicator light in the instrument panel shows that you can now set the vehicle at a desired cruising speed. Another push on the switch will turn the system completely off.



#### CAUTION

To avoid accidental cruise control engagement, keep the "ON-OFF" switch off when not using the cruise control.



#### SETTING AT A DESIRED SPEED

The transaxle must be in "D" before you set the cruise control speed.

Bring your vehicle to the desired speed, push the lever down in the "- SET" direction and release it. This sets the vehicle at that speed.

If the speed is not satisfactory, tap the lever up for a faster speed, or tap it down for a slower speed. Each tap changes the set speed by 1.6 km/h (1.0 mph). You can now take your foot off the accelerator pedal.

If you need acceleration—for example, when passing—depress the accelerator pedal enough for the vehicle to exceed the set speed. When you release it, the vehicle will return to the speed set prior to the acceleration.

#### CANCELLING THE PRESET SPEED

You can cancel the preset speed by:

- Pulling the control lever in the "CANCEL" direction and releasing it.
- Depressing the brake pedal.

If the vehicle speed falls below about 40 km/h (25 mph), the preset speed will automatically cancel out.

If the vehicle speed drops 16 km/h (10 mph) below the preset speed, the preset speed will also automatically cancel out.

If the preset speed automatically cancels out other than for the above cases, have your vehicle checked by your Toyota dealer at the earliest opportunity.

#### **RESETTING TO A FASTER SPEED**

Push the lever up in the “+ RES” direction and hold it. Release the lever when the desired speed is attained. While the lever is held up, the vehicle will gradually gain speed.

However, a faster way to reset is to accelerate the vehicle and then push the control lever down in the “– SET” direction.

#### **RESETTING TO A SLOWER SPEED**

Push the lever down in the “– SET” direction and hold it. Release the lever when the desired speed is attained. While the lever is held down, the vehicle speed will gradually decrease.

However, a faster way to reset is to depress the brake pedal and then push the control lever down in the “– SET” direction.

#### **RESUMING THE PRESET SPEED**

If the preset speed is cancelled by pulling the control lever or by depressing the brake pedal, pushing the lever up in the “+ RES” direction will restore the speed set prior to cancellation.

However, once the vehicle speed falls below about 40 km/h (25 mph), the preset speed will not be resumed.

#### **CRUISE CONTROL FAILURE WARNING**

If the “CRUISE” indicator light in the instrument cluster flashes when using the cruise control, press the “ON-OFF” button to turn the system off and then press it again to turn it on.

If any of the following conditions then occurs, there is some trouble in the cruise control system.

- The indicator light does not come on.
- The indicator light flashes again.
- The indicator light goes out after it comes on.

If this is the case, contact your Toyota dealer and have your vehicle inspected.