

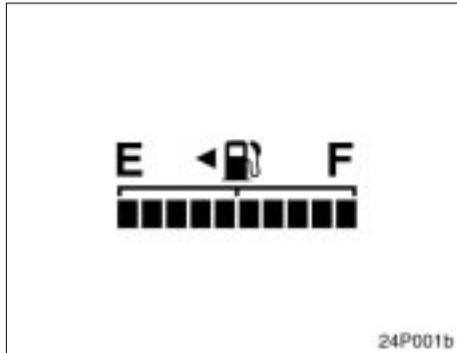
SECTION 2-5

OPERATION OF INSTRUMENTS AND CONTROLS

Gauges, Meters and Service reminder indicators

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Fuel gauge



The gauge indicates the approximate quantity of fuel remaining in the tank when the "IG-ON" mode is enabled.

Nearly full—Indicator at "F"

Nearly empty—Indicator at "E"

It is a good idea to keep the tank over 1/4 full.

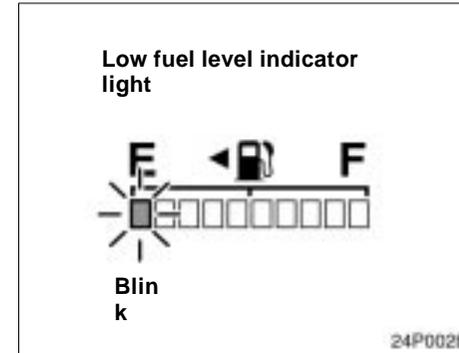
When you refuel on a slope, the indicator may not show the correct level.

When you refuel less than about 11.4 L (3.0 gal., 2.5 Imp.gal.), the fuel indicator may not change.

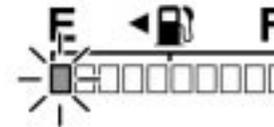
After the 12 volt battery is reconnected, one segment will flash for a while.

Depending on the ambient temperature, the fuel quantity is less than 45 L (11.9 gal., 9.9 Imp.gal.) even at "F". However, this does not affect the fuel consumption and the remaining fuel ratio indicated on the gauge. (For details, see "Fuel" on page 320.)

If the fuel gauge display flashes, there may be a problem in the system. In this case, contact your Toyota dealer as soon as possible.

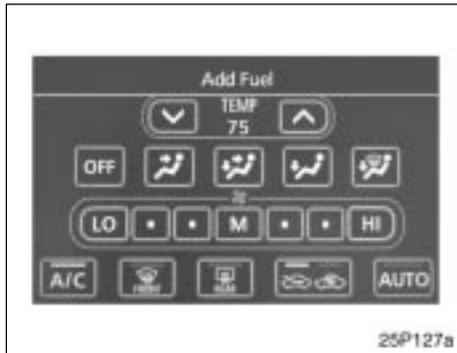


Low fuel level indicator light



Blink

If the fuel level approaches "E" or the low fuel level indicator light blinks, fill the fuel tank as soon as possible.



Type 1

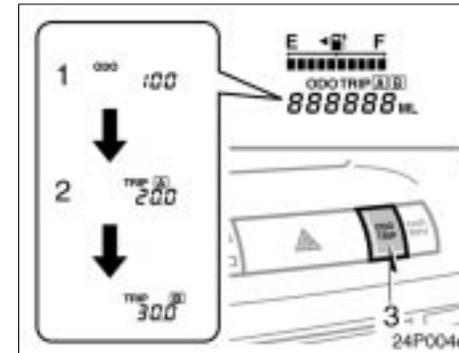


Type 2

At the first blinking of the light, the master warning light in the instrument cluster comes on and the message appears on the multi-information display to remind the driver to fill fuel.

On inclines or curves, due to the movement of fuel in the tank, the low fuel level indicator light may come on earlier than usual.

Odometer and two trip meters



This meter displays the odometer and two trip meters.

1. Odometer—Shows the total distance the vehicle has been driven.
2. Two trip meters—Show two different distances independently driven since the last time each trip meter was set to zero.

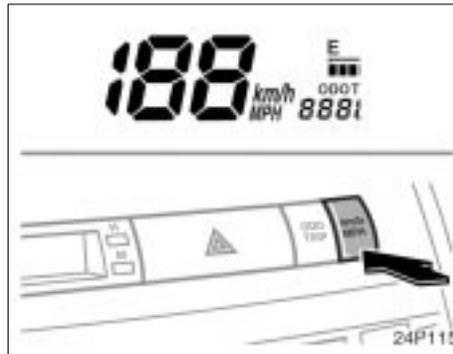
You can use one trip meter to calculate the fuel economy and the other to measure the distance on each trip. All trip meter data is cancelled if the electrical power source is disconnected.

3. Trip meter reset button—Resets the two trip meters to zero, and also change the meter display.

To change the meter display, quickly push and release the button. The meter display changes in the order from the odometer to trip meter A to trip meter B, then back to the odometer each time you push.

To reset the trip meter A to zero, display the meter A reading, then push and hold the button until the meter is set to zero. The same process can be applied for resetting the trip meter B.

Km/h or MPH button



You can switch the display between km/h and MPH by pressing the button.

Service reminder indicators and warning buzzers

If the indicator or buzzer comes on...		Do this.
(a)	BRAKE or  (red indicator and buzzer)	If parking brake is off, stop immediately and contact Toyota dealer.
	 (yellow indicator)	Take vehicle to Toyota dealer. If red brake system warning light is also on, stop immediately and contact Toyota dealer.
(b)	 (indicator and buzzer)	Fasten driver's seat belt.
(c)	 PASSENGER (indicator and buzzer)	Fasten front passenger's seat belt.
(d)	 CHECK	Take vehicle to Toyota dealer.
(e)		See multi-information display.
(f)	ABS or 	Take vehicle to Toyota dealer. If red brake system warning light is also on, stop immediately and contact Toyota dealer.

If any warning comes on, the hybrid system may not start by pushing the "POWER" switch. In that case, push it once again.

	If the indicator or buzzer comes on...	Do this.
(g)		Take vehicle to Toyota dealer immediately.
(h)		Close all doors.
(i)		Fill up tank.
(j)	MAINT REQD	Replace engine oil
(k)	VSC	Take vehicle to Toyota dealer. If red brake system warning light is also on, stop immediately and contact Toyota dealer.
(l)		Adjust tire inflation pressure. If light remains on, contact Toyota dealer.
(m)	Key reminder buzzer	Remove key.
(n)	P position reminder buzzer	Push the "P" position switch.

If any warning comes on, the hybrid system may not start by pushing the "POWER" switch. In that case, push it once again.

(a) Brake System Warning Lights and Buzzer

These lights come on in the following cases when the "IG-ON" mode is enabled.

RED WARNING LIGHT

● **When the parking brake is applied...**

This light comes on when the "IG-ON" mode is enabled, even after the parking brake is released.

If the vehicle speed rises above 5 km/h (3 mph) while the parking brake is applied, a buzzer sounds.

● **When the brake fluid level is low...**

 **CAUTION**

It is dangerous to continue driving normally when the brake fluid level is low.

YELLOW WARNING LIGHT

● **When the regenerative brake system is fails...**

RED OR YELLOW WARNING LIGHT

● **When the hydraulic brake system fails...**

When the yellow warning light comes on, it is no problem to continue driving. However, if the red warning light comes on, it indicates a serious problem and you can continue driving no longer.

Have your vehicle checked at your Toyota dealer in the following cases:

- The lights do not come on even if the parking brake is applied when the "READY" light is on.
- The lights do not come on even if the "POWER" switch is pressed with the parking brake released.

A red or yellow warning light turning on briefly during operation does not indicate a problem.

 **CAUTION**

If any of the following conditions occurs, immediately stop your vehicle at a safe place and contact your Toyota dealer.

- **The red warning light does not turn off even after the parking brake is released while the hybrid system is running.**

- **The red warning light comes on or buzzer sounds continuously.**

In either case, this can indicate that the brakes may not work properly and your stopping distance will become longer. Depress the brake pedal firmly and bring the vehicle to an immediate stop.

- **The brake system warning light remains on together with the "ABS" and "VSC" warning light.**

In this case, not only the anti-lock brake system and vehicle stability control system will fail but also the vehicle will become extremely unstable during braking.

In the following case, drive directly to the nearest Toyota dealer.

- **The yellow warning light comes on while driving.**

Any of the following conditions may occur, but do not indicate the malfunction:

- The red and yellow warning light may stay on for about 60 seconds after the hybrid system is started. It is normal if it turns off after a while.
- Depressing the brake pedal repeatedly may turn on the red and yellow warning light. It is normal if the light turns off and the buzzer stops sounding after a few seconds.
- You may hear a small sound in the engine compartment after the hybrid system is started or the brake pedal is depressed repeatedly. This is a pump pulsating sound of the brake system, and it is not a malfunction.
- You may hear a motor sound in the engine compartment when the brake pedal is depressed with the hybrid system off.
- The brake pedal stroke may be short when you press the "POWER" switch with the brake pedal depressed.

- You may hear a sound in the engine compartment when the driver's door is opened or the brake pedal is depressed with the hybrid system turned off. However, this does not indicate any trouble.
- You may hear a sound in the engine compartment after the hybrid system is turned on or off. However, this does not indicate any trouble.

(b) Driver's Seat Belt Reminder Light and Buzzer

The light and buzzer act as a reminder to buckle up the driver's seat belt.

Once the "IG-ON" mode is enabled, the reminder light flashes and the buzzer sounds if the driver's seat belt is not fastened. Unless the driver fastens the belt, the light continues flashing and the buzzer sounds 4 to 8 seconds.

If the vehicle speed rises above 20 km/h (12 mph) without the belt fastened, a buzzer sounds.

(c) Front Passenger's Seat Belt Reminder Light and Buzzer

This light acts as a reminder to have the front passenger buckle up the seat belt.

Once the "IG-ON" mode is enabled, the reminder light flashes if a passenger sits in the front passenger seat and does not fasten the seat belt. Unless the front passenger fastens the belt, the light continues flashing.

If the vehicle speed rises above 20 km/h (12 mph) without the belt fastened, a buzzer sounds.

If luggage or other load is placed on the front passenger seat, depending on its weight, causing the reminder light to flash and buzzer to sound.

(d) Malfunction Indicator Lamp

This lamp comes on when the “IG-ON” mode is enabled and goes off after the hybrid system starts. This means that the warning light system is operating properly.

If the lamp remains on or the lamp comes on while driving, first check the following:

- Empty fuel tank

If the fuel tank is empty, refuel immediately.

This case is a temporary malfunction. The malfunction indicator lamp will go off after taking several driving trips.

If the lamp does not go off even after several trips, contact your Toyota dealer as soon as possible.

- There is a problem somewhere in the engine, hybrid system, throttle control system or warning light system itself.

Contact your Toyota dealer as soon as possible to service the vehicle.

Emissions inspection and maintenance (I/M) programs

Your vehicle may not pass a state emission inspection if the malfunction indicator lamp remains on. Contact your Toyota dealer to check your vehicle’s emission control system and OBD (On-Board Diagnostics) system before taking your vehicle for the inspection.

For details, see “Emissions inspection and maintenance (I/M) programs” on page 394.

(e) Master Warning Light 

If the master warning light comes on, the warning light for the faulty system is highlighted or the message such as “Please press “P” to engage Park.” and “The batteries will not be charged if the transaxle is in Neutral N.” appears on the multi-information display. (See “Service reminder indicators and warning buzzers— Multi-information display” on page 133 or “Precautions for use” on page 14 or “Fuel gauge” on page 122 for instructions.)

(f) “ABS” Warning Light

The light comes on when the “IG-ON” mode is enabled. If the anti-lock brake system and the brake assist system work properly, the light turns off after the “READY” light comes on. Thereafter if the system malfunctions, the light comes on again.

When the “ABS” warning light is on (and the brake system warning light is on), the anti-lock brake system does not operate, but the brake system still operates conventionally.

If any of the following conditions occurs, this indicates a malfunction somewhere in the parts monitored by the warning light system. Contact your Toyota dealer as soon as possible so service the vehicle.

- The light does not come on when the “IG-ON” mode is enabled, or the light remains on after the “READY” light comes on.
- The light comes on while you are driving.

A warning light turning on briefly during operation does not indicate a problem.

 **CAUTION**

If the “ABS” warning light remains on together with the red brake system warning light, immediately stop your vehicle at a safe place and contact your Toyota dealer.

In this case, not only the anti-lock brake system function and brake assist function will fail but also the vehicle will become extremely unstable during braking.

Any of the following conditions may occur, but does not indicate the malfunction:

- The light may stay on for about 60 seconds after the hybrid system is started. It is normal if it turns off after a while.
- Depressing the brake pedal repeatedly may turn on the light. It is normal if it turns off after a few seconds.

(g) SRS Warning Light

This indicator comes on when the “IG-ON” mode is enabled. It goes off after about 6 seconds. This means the SRS front airbags, side and curtain shield airbags and seat belt pretensioners are operating properly.

The warning light system monitors the airbag sensor assembly, front airbag sensors, side and curtain shield airbag sensors, curtain shield airbag sensors, driver’s seat position sensor, driver’s seat belt buckle switch, front passenger occupant classification system, “AIRBAG ON” indicator light, “AIRBAG OFF” indicator light, front passenger’s seat belt buckle switch, seat belt pretensioner assemblies, interconnecting wiring and power sources.

If any of the following conditions occurs, this indicates a malfunction of the airbags or seat belt pretensioners. Contact your Toyota dealer as soon as possible.

- The light does not come on when the “IG-ON” mode is enabled or remains on for more than 6 seconds.
- The light comes on while driving.

The SRS warning light and “AIRBAG OFF” indicator light will come on if there is a malfunction in the front passenger occupant classification system.

(h) Open Door Warning Light

This light remains on until all the doors are completely closed.

(i) Low Fuel Level Indicator Light

This light blinks when the fuel level in the tank becomes nearly empty. Fill up the tank as soon as possible.

At the first blinking of the light, the message appears on the display to remind the driver to fill fuel.

Contact your Toyota dealer if the fill fuel gauge blinks.

(j) Engine Oil Replacement Reminder Light (for vehicles sold in the U.S.A.)

This light acts as a reminder to replace the engine oil.

This light will come on when the "IG-ON" mode is enabled, and will go off after about a few seconds.

When you drive for about 7200 km (4500 miles) after engine oil replacement, this light illuminates for about 3 seconds and then flashes for about 12 seconds when the hybrid system is in the "IG-ON" mode. If you continue driving without engine oil replacement, and if the driving range exceeds 8000 km (5000 miles), the light will come on after the "IG-ON" mode is enabled. The light will remain on thereafter.

If the light is flashing, we recommend that you replace the engine oil at an early opportunity depending on the driving and road conditions. If the light comes on, replace the oil as soon as possible.

The system must be reset after the engine oil replacement. Reset the system by the following procedure:

1. Press the "POWER" switch to the "OFF" mode with the odometer reading shown. (For details, see "Odometer and two trip meters" on page 123.)
2. Press the "POWER" switch twice to select the "IG-ON" mode while holding down the trip meter reset button.

Hold down the button for at least 5 seconds. The odometer indicates "000000" and the light goes off.

If the system fails to reset, the light will remain flashing.

(k) "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, as conventional braking operates when applied, there is no problem to continue your driving.

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 you are driving.

 **CAUTION**

If the “VSC” warning light remains on together with the red brake system warning light, immediately stop your vehicle at a safe place and contact your Toyota dealer.

In this case, not only the vehicle stability control system will fail but also the vehicle will become extremely unstable during braking.

(l) Tire Pressure Warning Light

This light comes on when the “IG-ON” mode is enabled. If the tire pressure warning system works properly and tire inflation pressure is appropriate, the light goes off after a few seconds.

This light comes on or flashes in the following cases when the “IG-ON” mode is enabled.

- **When the low tire inflation pressure is detected while driving...**

If any tire has low inflation pressure, the light comes on.

The light goes off after the tire inflation pressure is adjusted to a specified level.

- **When initializing the system...**

When ready to be initialized, the light blinks three times.

- **When the system malfunctions...**

If the system malfunctions, the light blinks.

Although it is no problem to continue driving, have your vehicle checked by your Toyota dealer as soon as possible.

(m) Key Reminder Buzzer

This buzzer acts as a reminder to remove the key if you open the driver’s door when the hybrid system is off and the key is inserted into the key slot.

(n) P Position Reminder Buzzer

This buzzer will sound if the driver’s door is opened while the hybrid transaxle is in “N”, “D” or “B”.

CHECKING SERVICE REMINDER INDICATORS (except the low fuel level indicator light)

1. Apply the parking brake.
2. Open one of the doors.
The open door warning light should come on.
3. Close the door.
The open door warning light should go off.
4. Press the "POWER" switch twice without pressing the brake pedal to select the "IG-ON" mode. At this time, all the bulbs are checked in self-diagnosis mode.

All the service reminder indicators except the open door warning light come on. The yellow brake system, "ABS" and "VSC" warning lights turn off after the "READY" light comes on.

There may be the case that the yellow brake system, "ABS" and "VSC" warning lights stay on for about 60 seconds after the hybrid system is started. It is normal if they go out after a while.

If any service reminder indicator or warning buzzer does not function as described above, have it checked by your Toyota dealer as soon as possible.

—Multi-information display



Type 1



Type 2

If an error occurs in the system, the warning message and icon appear.

For details on the warning display and how to remedy the system, see the description on the following pages.

	If the indicator comes on...	Do this.
(a)		Stop immediately and contact Toyota dealer.
(b)		Stop and check.
(c)		Stop and check.
(d)	P/S or PS	Take vehicle to Toyota dealer.
(e)		Take vehicle to Toyota dealer immediately.
(f)		Take vehicle to Toyota dealer.
(g)		Take vehicle to Toyota dealer.

(a) Charging System Warning Light

When there are problems in the charging system while the hybrid system is running, the warning light comes on.

NOTICE
<i>When the charging system warning light comes on while the hybrid system is running, malfunctions may have occurred. If the warning light comes on, immediately stop the vehicle in a safe place and contact your Toyota dealer.</i>

(b) Low Engine Oil Pressure Warning Light

This light warns that the engine oil pressure is too low.

If it stays on while you are driving, pull off the road to a safe place and stop the engine immediately. Call a Toyota dealer or qualified repair shop for assistance.

The light may come on when the oil level is extremely low. It is not designed to indicate low oil level, and the oil level must be checked using the level dipstick.

NOTICE
<i>Do not drive the vehicle with the warning light on—even for one block. It may ruin the engine.</i>

(c) High Coolant Temperature Warning Light

The light operates to warn that the hybrid system is almost overheating.

If it comes on while you are driving, stop the vehicle and check your hybrid system. For detailed instructions, see "If your vehicle overheats" on page 364.

Your vehicle may overheat during severe operating conditions, such as:

- Driving up a long hill on a hot day.
- Reducing speed or stopping after high speed driving.

NOTICE
<i>◆ Do not remove the thermostat in the cooling system as this may cause the hybrid system to overheat. The thermostat is designed to control the flow of coolant to keep the temperature of the hybrid system within the specified operating range.</i>
<i>◆ Continued driving with the light on could result in the overheating of hybrid system.</i>

(d) Electric Power Steering System Warning Light

This light comes on when the power steering control system fails.



(e) Hybrid System Warning Light (🚗)

This light comes on if there is a problem in the electric motor, inverter unit, hybrid battery, etc.

If this light is on, stop your vehicle in a safe place immediately and contact your Toyota dealer.

Even if the hybrid system warning light comes on, you can temporarily increase the vehicle speed by depressing the accelerator pedal. Immediately pull up your vehicle to a safe place and contact your Toyota dealer.

(f) Hybrid Battery Warning Light

This light comes on in the following cases.

a. The hybrid battery voltage drops when the hybrid transaxle is left in "N" position.

The system works properly if you put the hybrid transaxle in "P" position and the light goes off.

b. The hybrid battery is discharged.

If this light comes on with the "READY" light on in case of b., stop your vehicle in a safe place and contact your Toyota dealer.

(g) Automatic Headlight Leveling System Warning Light

This light warns that there is a problem somewhere in the automatic headlight leveling system.

If it comes on, have your vehicle checked by your Toyota dealer.