

SECTION 1-5

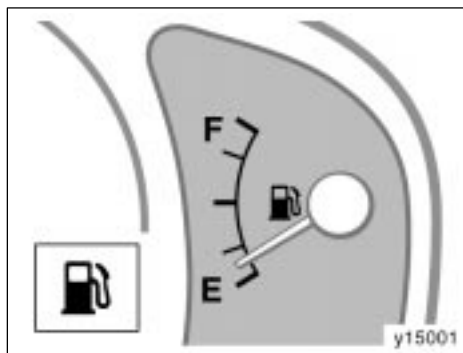
OPERATION OF INSTRUMENTS AND CONTROLS

Gauges, Meters and Service reminder indicators

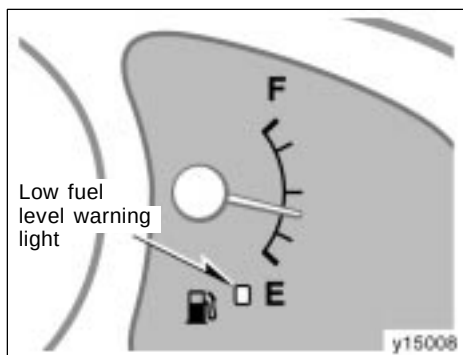
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Fuel gauge



With tachometer



Without tachometer

The gauge works when the ignition switch is on and indicates the approximate quantity of fuel remaining in the tank.

Nearly full—Needle at “F”
Nearly empty—Needle at “E”

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

This fuel gauge has a non-return type needle which remains at the last indicated position when the ignition switch is turned off.

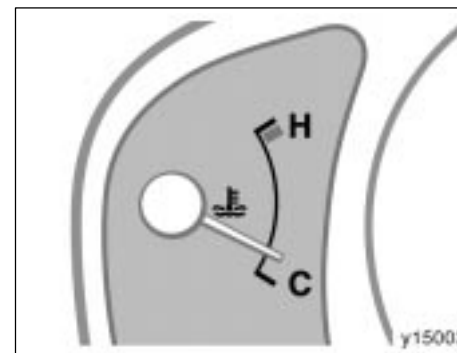
If the fuel level approaches “E” or the low fuel level warning light comes on, fill the fuel tank as soon as possible.

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

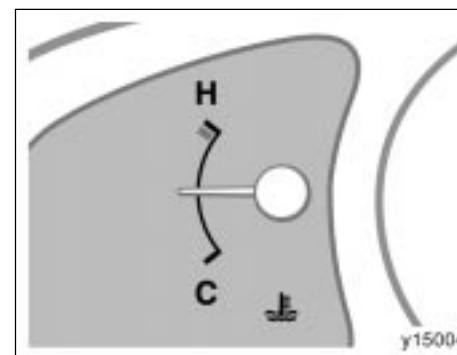
If the fuel tank is completely empty, the malfunction indicator lamp comes on. Fill the fuel tank immediately.

The indicator lamp goes off after driving several times. If the indicator lamp does not go off, contact your Toyota dealer as soon as possible.

Engine coolant temperature gauge



With tachometer



Without tachometer

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The gauge indicates the engine coolant temperature when the ignition switch is on. The engine operating temperature will vary with changes in weather and engine load.

If the needle moves into the red zone, your engine is too hot. If your vehicle overheats, stop your vehicle and allow the engine to cool.

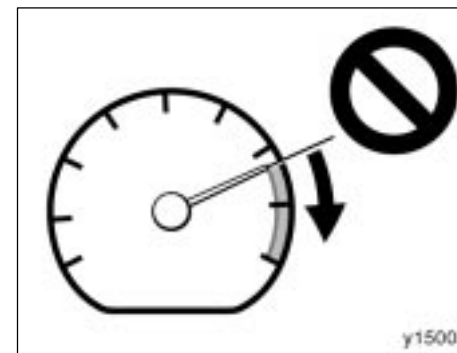
Your vehicle may overheat during severe operating conditions, such as:

- Driving up a long hill on a hot day.
- Reducing speed or stopping after high speed driving.
- Idling for a long period with the air conditioning on in stop-and-go traffic.
- Towing a trailer.

NOTICE

- ◆ *Do not remove the thermostat in the engine cooling system as this may cause the engine to overheat. The thermostat is designed to control the flow of coolant to keep the temperature of the engine within the specified operating range.*
- ◆ *Do not continue driving with an overheated engine. See "If your vehicle overheats" in Section 4.*

Tachometer



The tachometer indicates engine speed in thousands of rpm (revolutions per minute). Use it while driving to select correct shift points and to prevent engine lugging and over-revving.

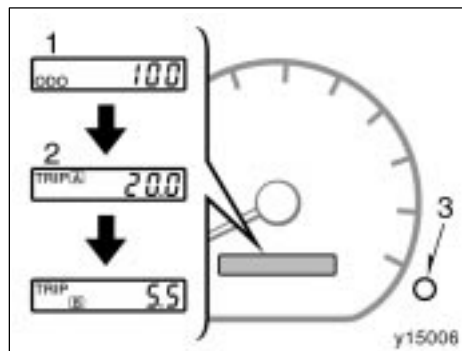
Driving with the engine running too fast causes excessive engine wear and poor fuel economy. Remember, in most cases the slower the engine speed, the greater the fuel economy.

NOTICE

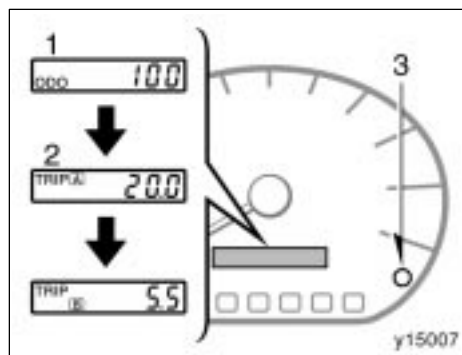
Do not let the indicator needle get into the red zone. This may cause severe engine damage.

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Odometer and two trip meters



With tachometer



Without tachometer

This meter displays the odometer and two trip meters.

1. Odometer—It 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 knob—Resets the two trip meters to zero, and also change the meter display.

To change the meter display, quickly push and release the knob. 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 knob until the meter is set to zero. The same process can be applied for resetting the trip meter B.

Service reminder indicators and warning buzzers

If the indicator or buzzer comes on...	Do this.
(a) BRAKE or 	If parking brake is off, stop immediately and contact Toyota dealer.
(b) seat (instrument cluster—indicator and buzzer)	Fasten driver's belt.
(c) (clock display—indicator only)	Fasten front passenger's seat belt.
(d)	Stop and check.

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If the indicator or buzzer comes on...	Do this.
(e)  or 	Take vehicle to Toyota dealer.
(f)  or Low fuel level warning light	Fill up tank.
(g) 	Stop and check.

If the indicator or buzzer comes on...	Do this.
(h) ABS or 	Take vehicle to Toyota dealer. If brake system warning light is also on, stop immediately and contact Toyota dealer.
(i) 	Close all doors.
(j) PWR DOOR (indicator and buzzer)	Close the power sliding door.
(k) 	Take vehicle to Toyota dealer immediately.

If the indicator or buzzer comes on...	Do this.
(l) VSC	Take vehicle to Toyota dealer.
(m) TRAC OFF	If the traction control system is on, take vehicle to Toyota dealer immediately.
(n) 	Add washer fluid.
(o) 	Adjust tire pressure.
(p) Key reminder buzzer	Remove key.

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(a) Brake System Warning Light

This light comes on in the following cases when the ignition key is in the "ON" position.

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

This light comes on for a few seconds when the ignition key is turned to the "ON" position even after the parking brake is released.

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

 **CAUTION**

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

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

- The light does not come on even if the parking brake is applied when the ignition key is in the "ON" position.
- The light does not come on even if the ignition key is turned on with the parking brake released.

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

 **CAUTION**

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

- **The light does not turn off even after the parking brake is released while the engine is running.**
In this case, 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" warning light.**
In this case, not only the anti-lock brake system will fail but also the vehicle will become extremely unstable during braking.

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

This light and buzzer remind you to buckle up the driver's seat belt.

Once the ignition key is turned to "ON", the reminder light flashes and buzzer sounds if the driver's seat belt is not fastened. Unless the driver fastens the belt, the light keeps flashing and the buzzer stops after about 4 to 8 seconds.

(c) Front Passenger's Seat Belt Reminder Light

This light reminds you to buckle up the front passenger's seat belt.

Once the ignition key is turned to "ON", the reminder light flashes if a passenger sits in the front passenger seat and does not fasten. Unless the front passenger fastens the belt, the light stays flashing.

If luggage load is placed on the front passenger seat, depending on its weight and how it is placed on the seat, built-in sensors in the seat cushion may detect the pressure, causing the reminder light to come on.

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(d) Discharge Warning Light

This light warns that the battery is being discharged.

If it comes on while you are driving, there is a problem somewhere in the charging system.

The engine ignition will continue to operate, however, until the battery is discharged. Turn off the air conditioning, blower, radio, etc., and drive directly to the nearest Toyota dealer or repair shop.

NOTICE

Do not continue driving if the engine drive belt is broken or loose.

(e) Malfunction Indicator Lamp

This lamp comes on in the following cases.

- The fuel tank is completely empty. (See "Fuel gauge" in this section for instructions.)
- The fuel tank cap is not tightened securely. (See "Fuel tank cap" in Section 1-2 for instructions.)
- There is a problem somewhere in your engine or automatic transmission electrical system.

If it comes on while you are driving in case c, have your vehicle checked/repaired by your Toyota dealer as soon as possible.

(f) Low Fuel Level Warning Light

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

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

(g) Low Oil Pressure Warning Light

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

If it flickers or 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 occasionally flicker when the engine is idling or it may come on briefly after a hard stop. There is no cause for concern if it then goes out when the engine is accelerated slightly.

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

Do not drive the vehicle with the warning light on—even for one block. It may ruin the engine.

(h) "ABS" Warning Light

The light comes on when the ignition key is turned to the "ON" position. If the anti-lock brake system and the brake assist system works properly, the light turns off after a few seconds. Thereafter, if the system malfunctions, the light comes on again.

When the "ABS" warning light is on (and the brake system warning light is off), the anti-lock brake system, the brake assist system, the traction control system and vehicle skid control system do not operate, but the brake system still operates conventionally.

When the "ABS" warning light is on (and the brake system warning light is off), the anti-lock brake system does not operate so that the wheels could lock up during a sudden braking or braking on slippery road surfaces.

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If either 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 to service the vehicle.

- The light does not come on when the ignition key is turned to the "ON" position, or remains 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 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 will fail but also the vehicle will become extremely unstable during braking.

(i) Open Door Warning Light

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

(j) Open Power Sliding Door Warning Light and Buzzer

This light comes on if the power sliding door is not completely closed with the ignition key in the "ON" position.

If you forcibly close the power sliding door by hand when the ignition key is in the "ON" position, the open power sliding door warning light may stay on. In this case, try opening and closing the power sliding door again by hand slowly, or use one of the "DOOR L", "DOOR R" or "PWR DOOR" switches inside the vehicle or "POWER DOOR", "D-PWR DOOR" or "P-PWR DOOR" switches of the wireless remote control transmitter.

If you shift out of "P" when the power sliding door is opened or in the process of closing with the power sliding door system on, a buzzer will sound and the open power sliding door warning light will flash. This is a warning that the sliding door is not completely closed.

(k) SRS Warning Light

This light will come on when the ignition key is turned to the "ACC" or "ON" position. After about 6 seconds, the light will go off. This means the system of the airbag and front seat belt pretensioners are operating properly.

The warning light system monitors the airbag sensor assembly, front airbag sensors, side airbag sensor, front seat belt pretensioner assemblies, inflators, warning light, interconnecting wiring and power sources.

If either 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 to service the vehicle.

- The light does not come on when the ignition key is turned to the "ACC" or "ON" position or remains on.
- The light comes on or flashes while driving.

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(l) “VSC” Warning Light

The light warns that when there is a problem somewhere in the vehicle skid control system or traction control system.

The light will come on when the ignition key is turned to “ON”, and will go off after about a few seconds. This means that the system is operating properly.

If the “VSC” warning light comes on, the vehicle skid control system and traction control system do not work. However, as conventional braking operates when applied, there is no problem to continue your driving.

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

- The “VSC” warning light does not come on after the ignition is turned to on.
- The “VSC” warning light is left on after the ignition is turned to on.
- The “VSC” warning light comes on while driving.

(m) “TRAC OFF” Indicator/Warning Light

The light warns that when there is a problem somewhere in the vehicle skid control system or traction control system.

The light will come on when the ignition key is turned to “ON”, and will go off after about a few seconds. This means that the system is operating properly.

If the “TRAC OFF” indicator light comes on, the traction control system does not work. However, as conventional braking operates when applied, there is no problem to continue your driving.

If either 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 to service the vehicle:

- The “TRAC OFF” indicator/warning light does not come on after the ignition is turned to on.
- The “TRAC OFF” indicator/warning light is left on after the ignition is turned to on.
- The “TRAC OFF” indicator/warning light comes on while driving without pushing “TRAC OFF” switch.

(n) Low Windshield Washer Fluid Level Warning Light

The light warns that the windshield washer fluid level is too low. Add washer fluid at your earliest opportunity. (For instructions, see “Adding washer fluid” in Section 7–3.)

(o) Low Tire Pressure Warning Light

This light warns that the tire pressure of any one of the tires is critically reduced. The light comes on when the ignition key is turned to the “ON” position. It goes off after a few seconds. This indicates that the low tire pressure warning system is functioning properly.

If the light comes on while driving, adjust tire pressure to the specified level. (See “Tires” in Section 8.) After the tire pressure is adjusted, the light should go off after driving at about more than 30 km/h (19 mph) for some time. If the light still remains, have the low tire pressure warning system checked at your Toyota dealer.

(p) Key Reminder Buzzer

This buzzer reminds you to remove the key when you open the driver’s door with the ignition key in the “ACC” or “LOCK” position.

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CHECKING SERVICE REMINDER INDICATORS (except the low fuel level warning light and low windshield washer fluid level warning 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. Turn the ignition key to "ACC".
The SRS warning light should come on. It goes off after about 6 seconds.
5. Turn the ignition key to "ON", but do not start the engine.
All the service reminder indicators except the open door warning light, open power sliding door warning light and SRS warning light should come on. The "ABS" warning light, "VSC" warning light, low tire pressure warning lights, "TRAC OFF" indicator/warning light and slip indicator light go off after a few seconds.

6. Vehicles with a power sliding door system:

Open the sliding door.

The open power sliding door warning light should come on.

Close the sliding door.

The open power sliding door warning light should go off.

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.