

SECTION 1-5

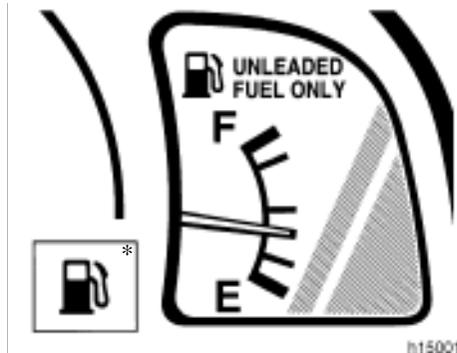
OPERATION OF INSTRUMENTS AND CONTROLS

Gauges, Meters and Service reminder indicators

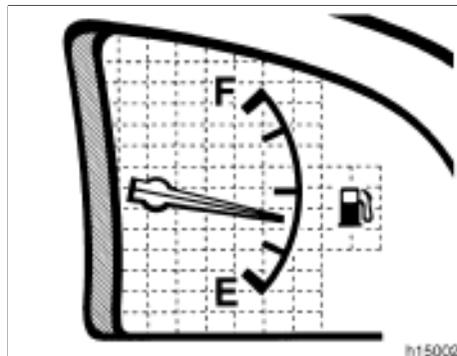
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Fuel gauge



With tachometer
*: On some models



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.

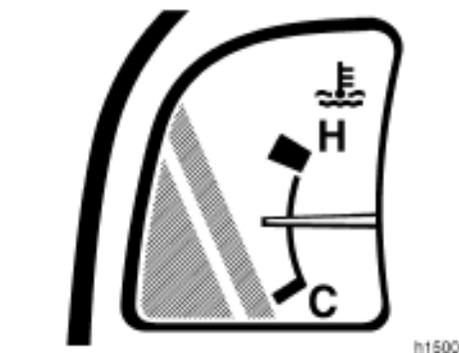
If the fuel level approaches “E” or the low fuel level warning light comes on, fill the fuel tank as soon as possible.

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.

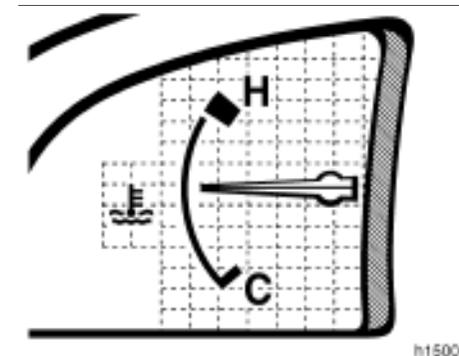
If the fuel tank is completely empty, the malfunction indicator lamp comes on. Fill the fuel tank immediately.

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:

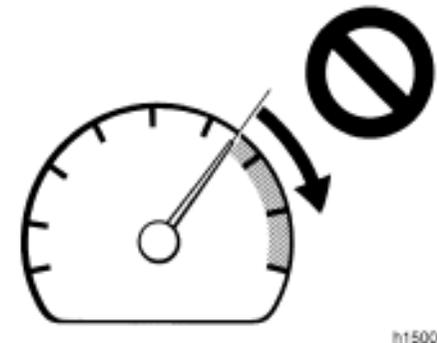
- Driving up a long hill on a hot day.
- Reducing speed or stopping after high speed driving.
- Idling for a long period with the air conditioning on in stop-and-go traffic.
- Towing a trailer.

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 overrevving.

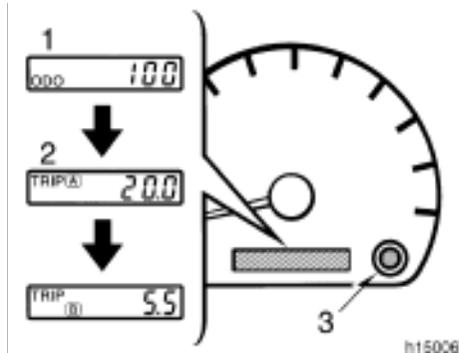
Driving with the engine running too fast causes excessive engine wear and poor fuel economy. Remember, in most cases the slower the engine speed, the greater the fuel economy.

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



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 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	If parking brake is off, stop and check.
(b)  (Indicator and buzzer)	Fasten seat belt.
(c) 	Stop and check.
(d) 	Stop and check.
(e)  CHECK	Take vehicle to Toyota dealer.

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	If the indicator or buzzer comes on...	Do this.
(f)		Fill up tank.
(g)	ABS (type A)	Take vehicle to Toyota dealer.
	 (type B)	
(h)		Take vehicle to Toyota dealer immediately.
(i)	A/T P	Shift front drive control lever out of "N".

	If the indicator or buzzer comes on...	Do this.
(l)		Turn off lights.
(m)	Key reminder buzzer	Remove key.

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CAUTION

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

If the brake fluid level is correct...

Have the warning system checked by your Toyota dealer.

(b) 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" or "START", the reminder light flashes and buzzer comes on if the driver's seat belt is not fastened. Unless the driver fastens the belt, the light stays on and the buzzer sounds for about 4 to 8 seconds.

(c) 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.

(d) 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.

(e) Malfunction indicator lamp

This lamp comes on in the following cases.

- The fuel tank is completely empty. (See "Fuel gauge" in Section 1-5 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.

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(f) Low Fuel Level Warning Light (on some models with tachometer)

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) "ABS" Warning Light

This light warns that there is a problem somewhere in your anti-lock brake system.

If the light comes on while you are driving, have your vehicle checked by your Toyota dealer as soon as possible.

The light will come on when the ignition key is turned to the "ON" position. After a few seconds, the light will go off.

When the "ABS" warning light is on (and the brake system warning light is off), the brake system operates conventionally but anti-lock brake system is not assisting brake performance so that the wheels can lock-up during sudden braking or braking on slippery road surfaces.

Vehicles with rear differential lock system—

The anti-lock brake system does not operate when the rear differential is locked. It is normal operation for the "ABS" warning light to be on at this time.

(h) 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 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.

(i) Unengaged "Park" Warning Light (vehicles with automatic transmission)

This light warns that the transmission "Park" mechanism is not engaged. If the front drive control lever is in the "N" position while the selector lever is in the "P" position, the transmission will disengage and the wheels will not lock.



CAUTION

To restore the park function, shift the front drive control lever out of "N", or the vehicle can move.

(j) Automatic Transmission Fluid Temperature Warning Light

This light warns that the automatic transmission fluid temperature is too high.

If this light comes on while you are driving, slow down and pull off the road. Stop the vehicle at a safe place and put the selector lever in "P". With the engine idling, wait until the light goes off. If the light goes off, you may start the vehicle again. If the light does not go off, call a Toyota dealer or qualified repair shop for assistance.

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(k) Low Windshield Washer Fluid Level Warning Light (on some models)

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.)

(l) Light Reminder Buzzer

This buzzer will sound if the headlight switch is left on and the driver's door is opened with the key removed from the ignition switch.

(m) 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.

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. Turn the ignition key to "ACC".
The SRS warning light should come on. It goes off after about 6 seconds.
3. Turn the ignition key to "ON", but do not start the engine.
All the service reminder indicators except the SRS warning light should come on. The "ABS" warning light goes off after a few seconds.

If any service reminder indicator or warning buzzer does not function as described above, either the bulb is burned out or the circuit is in need of repair. Have it checked by your Toyota dealer as soon as possible.