

Part 1

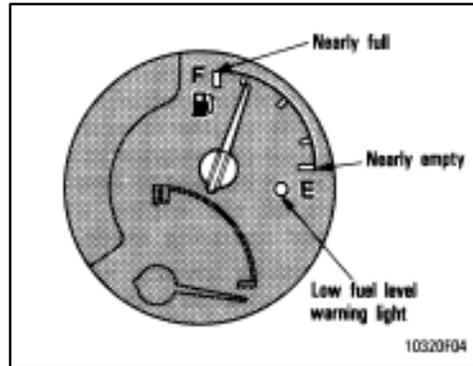
OPERATION OF INSTRUMENTS AND CONTROLS—

Chapter 1–5

Gauges, Meters and Service reminder indicators

- Fuel gauge
- Engine coolant temperature gauge
- Tachometer
- Odometer and two trip meters
- Service reminder indicators and warning buzzers

Fuel gauge



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

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

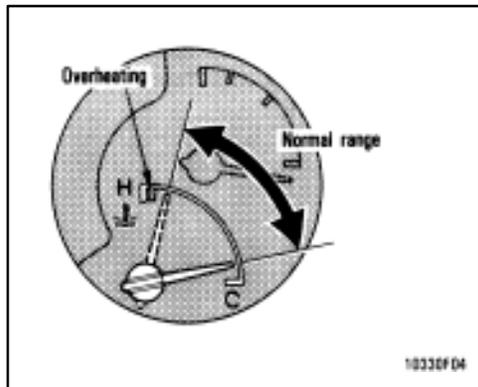
This fuel gauge has a non–return type needle which remains at the last indicated position when the ignition switch is turned off.

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

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



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 points to the red zone or higher, stop your vehicle and allow the engine to cool.

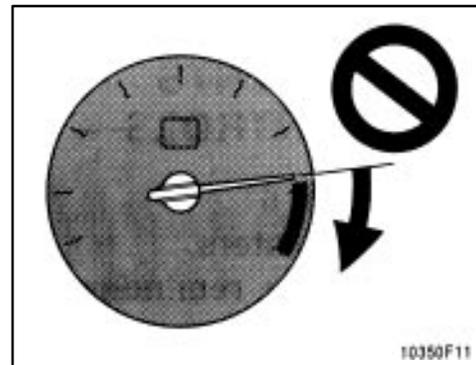
Your vehicle may overheat during severe operating conditions, such as:

- 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.

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 Part 4.**

Tachometer



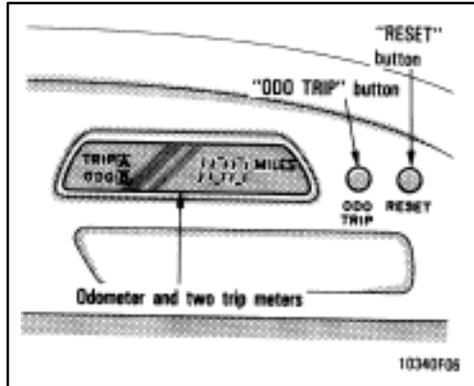
The tachometer indicates engine speed in thousands of rpm (revolutions per minute). Use it while driving to select correct shift points and to prevent engine lugging and overrevving.

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.**

Odometer and two trip meters



This meter displays the odometer and two trip meters. To change the odometer display to the trip meter display, push the “ODO TRIP” button. To reset the trip meter A to zero, display the meter A reading, then push the “RESET” button. The same applies for the trip meter B.

The odometer records the total distance the vehicle has been driven. The trip meters can record two different distances independently.

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.

The meter display changes each time you push the “ODO TRIP” button, changing in order from the odometer to trip meter A to trip meter B, then back to the odometer.

Service reminder indicators and warning buzzers

If the indicator or buzzer comes on...	Do this.
(a) 	Stop and check.
(b) BRAKE (type A)	If parking brake is off, stop and check.
 (type B)	
(c)  (Indicator and buzzer)	Fasten seat belts.
(d) 	Stop and check.
(e)  CHECK	Take vehicle to Toyota dealer.

If the indicator or buzzer comes on...	Do this.
(f) Low fuel level warning light	Fill up tank.
(g) 	Stop and check.
(h) 	Add engine oil.
(i) ABS (type A)	Take vehicle to Toyota dealer.
 (type B)	
(j) 	Close both side door and back door.
(k) 	Replace bulb.

If the indicator or buzzer comes on...	Do this.
(l) 	Take vehicle to Toyota dealer immediately.
(m) TRAC OFF	Take vehicle to Toyota dealer.
(n) Key reminder buzzer	Remove key.

(a) Master Warning Light

This light warns that another service reminder indicator (except seat belt reminder light, low fuel level warning lights, rear light failure warning light, SRS airbag warning light and "TRAC OFF" indicator/warning light) is on.

If it comes on while you are driving, check the other service reminder indicator that is on with reference to the following description of the indicator.

(b) Brake System Warning Light

This light has the following functions:

Parking brake reminder

If this light is on, make sure the parking brake is fully released. The light should go off.

Low brake fluid level warning

If this light comes on and stays on while you are driving, slow down and pull off the road. Then stop the vehicle carefully. There maybe a problem somewhere in the brake system. Check the fluid level of the see-through reservoir.

To make sure the parking brake has not caused the warning light to come on, check to see that the parking brake is fully released.

If the brake fluid level is low...

At a safe place, test your brakes by starting and stopping.

- If you judge that the brakes still work adequately, drive cautiously to your nearest dealer or shop for repairs.
- If the brakes are not working, have the vehicle towed in for repairs. (For towing information, see Part 4.)



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.

(c) Seat Belt Reminder Light and Buzzer

Once the ignition key is turned to “ON” or “START”, the reminder light and buzzer come on if the driver’s seat belt is not fastened. Unless the driver fastens the belt, the light stays on and the buzzer stops after about 4 to 8 seconds.

(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.

- a. The fuel tank is completely empty. (See “Fuel gauge” in Chapter 1–5 for instructions.)
- b. There is a problem somewhere in your engine or automatic transmission electrical system.

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

(f) Low Fuel Pressure Warning Light

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

(g) Low Oil Level 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) Low Engine Oil Level Warning Light

The light warns that the engine oil level is too low. Add oil as soon as possible. (For instructions, see “Checking the engine oil level” in Chapter 7–2.)

NOTICE

Continued engine operation with low engine oil will damage the engine.

(i) “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 about 3 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.

(j) Open Door Warning Light

This light remains on until both side doors and back door are completely closed.

(k) Rear Light Failure Warning Light

If this light comes on when the headlight switch is turned on (at the first or second clickstop), it indicates that one or more of the tail lights are burned out.

If it comes on when the brake pedal is depressed, one or more stop lights are burned out or the stop light circuit is in need of repair.

Have defective bulbs replaced as soon as possible.

(l) SRS Airbag 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 airbag system is operating properly.

The warning light system monitors the airbag sensors, center airbag sensor assembly, 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 while driving.

(m) “TRAC OFF” Indicator/Warning Light

This light comes on when the ignition key is turned to “N”, and will go off after 3 seconds. This means that the system is operating properly.

If one 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 remains on more than 3 seconds after the ignition switch is turned on.
- The light comes on while driving even if the “TRAC OFF” switch is not pushed.
- The light flashes.

(n) 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)

1. Apply the parking brake.
2. Open one of the side doors or the back door.
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 airbag 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 and SRS airbag warning light should come on. The “ABS” warning light and “TRAC OFF” indicator/warning light go off after about 3 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.

