

Part 1

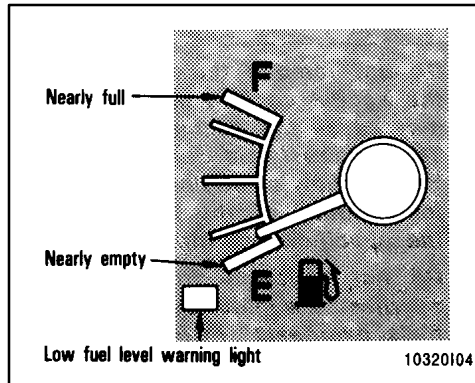
OPERATION OF INSTRUMENTS AND CONTROLS—

Chapter 1-5

Gauges, Meters and Service reminder indicators

- Fuel gauge
- Engine coolant temperature gauge
- Oil pressure gauge
- Voltmeter
- Tachometer
- Odometer and trip meter
- 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.

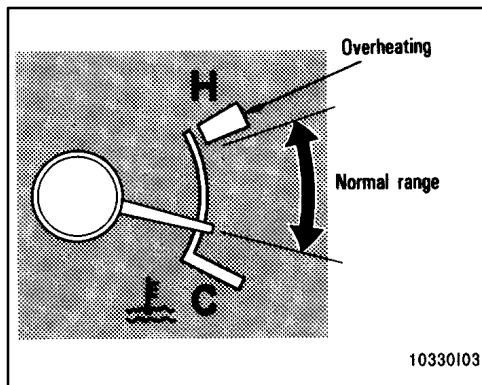
This fuel gauge has a non-return type needle which remains at the last indicated position when the ignition switch is turned off.

If the fuel 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.

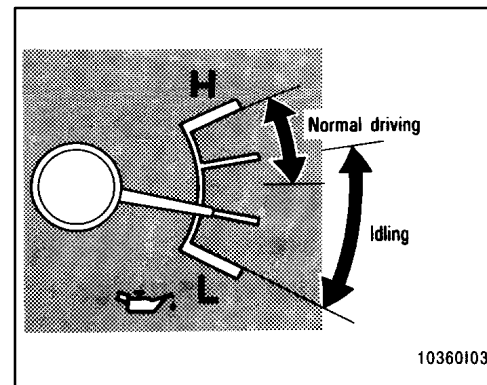
Your vehicle may overheat during severe operating conditions, such as:

- 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.
- 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 Part 4.***

Oil pressure gauge



The oil pressure gauge indicates engine oil pressure when the ignition switch is on. Check it while driving to make sure that the needle is in the proper range.

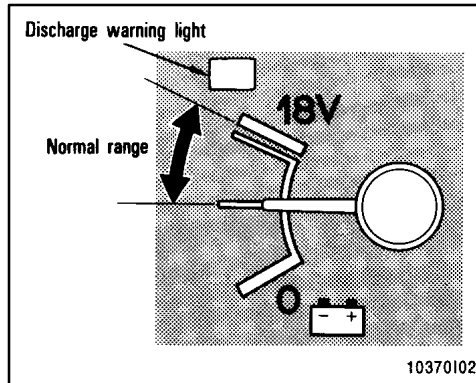
If the oil pressure should stay below the normal range, pull off the road to a safe place and stop the engine immediately. Call a Toyota dealer or qualified repair shop for assistance.

Oil pressure may not build up when the oil level is too low. The oil pressure gauge is not designed to indicate oil level, and the oil level must be checked using the level dipstick.

NOTICE

Do not drive the vehicle with the oil pressure below the normal range until the cause is fixed—it may ruin the engine.

Voltmeter

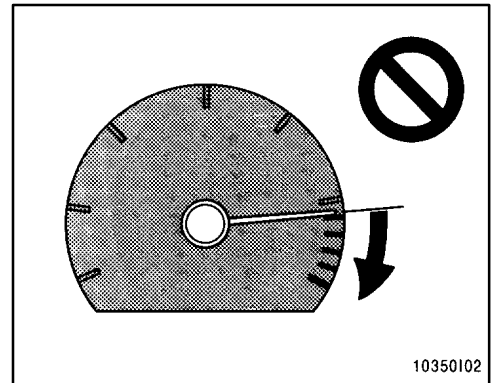


The voltmeter tells whether the battery is charged or discharged. Check it while the engine is running—the needle should always indicate as shown above.

If the needle reads below or above the normal range while the engine is running, it indicates the charging system needs immediate repair.

However, it is normal for the needle to drop below the normal range during engine starting.

Tachometer



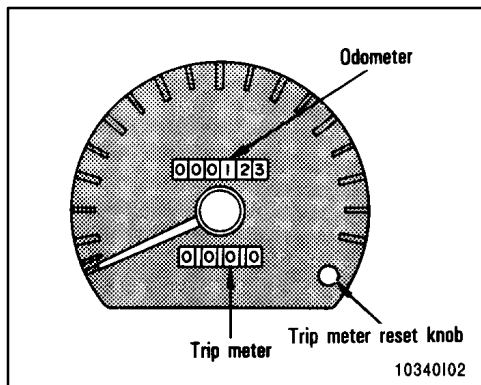
The tachometer indicates engine speed in thousands of rpm (revolutions per minute). Use it while driving to prevent engine overrevving.

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 trip meter



The odometer records the total distance the vehicle has been driven. The trip meter may be set to zero to record the distance on each trip. To set the trip meter, press the knob in and release it.

The black digits in white indicate tenths of miles.

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 belts. |
| (c) | Discharge warning light | Stop and check. |
| (d) |  | Add engine oil. |
| (e) | 
CHECK | Take vehicle to Toyota dealer. |
| (f) | Low fuel level warning light | Fill up tank. |

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- | | If the indicator or buzzer comes on... | Do this. |
|-----|---|--|
| (g) | ABS | Take vehicle to Toyota dealer. |
| (h) |  | Close all doors. |
| (i) | A/T P | Shift four-wheel drive control out of "N". |
| (j) | A/T OIL TEMP | Stop and check. |
| (k) |  | Take vehicle to Toyota dealer immediately. |
| (l) | Key reminder buzzer | Remove key. |

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(a) 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 may be 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.

(b) 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.

(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 Engine Oil Level Warning Light

This light indicates that the engine oil level needs to be checked. If the light comes on while you are driving on rough roads or steep inclines, take your vehicle to a level spot to see whether the light goes off. If it remains on, check the oil level following the instructions of "Checking the engine oil level" in Chapter 7-2.

NOTICE

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

(e) Malfunction Indicator Light

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 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 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.

(g) “ABS” Warning Light

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

If it 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 low brake fluid warning light is off), the brake system operates conventionally but without anti-lock brake function.

However, the anti-lock brake system does not operate when the four-wheel drive control lever is in the “L” position. It is normal operation for the “ABS” warning light to be on at this time.

(h) Open Door Warning Light

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

(i) Unengaged “Park” Warning Light

This light warns that the transmission “Park” mechanism is not engaged. If the four-wheel 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 four-wheel drive control out of “N”.

(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” and leave the engine idling until the light goes off. If the light goes off, you can start the vehicle again. If the light does not go off, call a Toyota dealer or qualified repair shop for assistance.

NOTICE

Continued driving with the warning light on may damage the automatic transmission.

(k) 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 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.

(l) 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 back door.

The open door warning light should come on.

3. Close the door.

The open door warning light should go off.

4. Place the four-wheel drive control lever in "N" position and the selector lever in "P" position.

5. Turn the ignition key to "ACC".

The SRS airbag warning light should come on. It goes off after about 6 seconds.

6. 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 goes 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.

