

# **SECTION 1 – 3**

---

## **INSTRUMENTS AND CONTROLS**

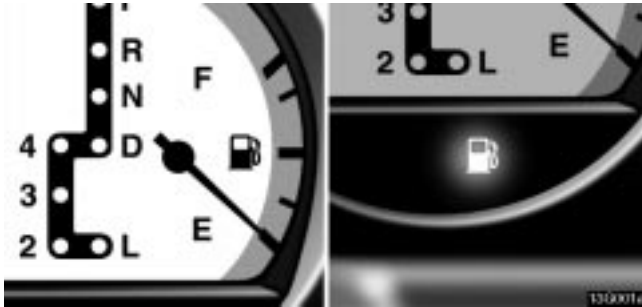
### **Gauges, meters and service reminder indicators**

Fuel gauge .....	38
Engine coolant temperature gauge .....	39
Tachometer .....	40
Odometer and trip meter .....	40
Service reminder indicators and warning buzzers .....	41
Instrument panel light control .....	50

## GAUGES, METERS AND SERVICE REMINDER INDICATORS

---

### FUEL GAUGE



**The gauge is displayed 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.

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

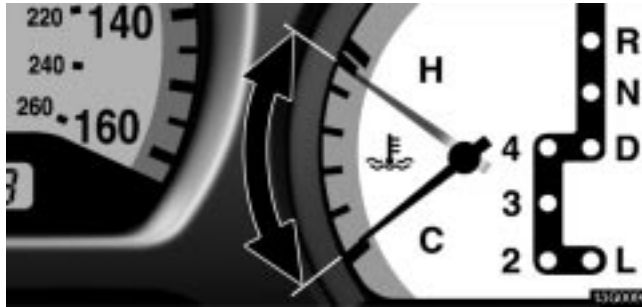
On inclines or curves, due to the movement of fuel in the tank, the fuel gauge needle may fluctuate or the low fuel level warning light may come on earlier than usual.

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 Lexus dealer as soon as possible.

See the inner back cover for fuel capacity and recommended fuel selection.

## ENGINE COOLANT TEMPERATURE GAUGE



### ► Normal range

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" on page 213.*

## GAUGES, METERS AND SERVICE REMINDER INDICATORS

---

### TACHOMETER



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

### ODOMETER AND TRIP METER



This meter displays the odometer and two trip meters. To change the mode indication, push the "ODO/TRIP" button.

The odometer records the total distance the vehicle has been driven. The twin trip meter records two different distances independently.

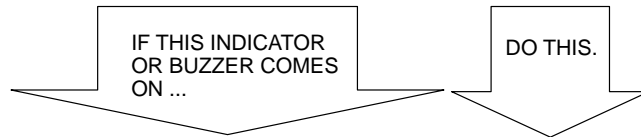
For example, you can use one meter to calculate the fuel economy and the other to measure the distance on each trip.

To change the trip meter indication from one trip to the other, push the "ODO/TRIP" button. To set the A trip meter to zero, display the A meter reading, then push the "RESET" button. The same applies for the B trip meter.

The data of trip meters will be cancelled if the electrical power source is disconnected.



## GAUGES, METERS AND SERVICE REMINDER INDICATORS

### SERVICE REMINDER INDICATORS AND WARNING BUZZERS



- |     |  |  |     |  |   |
|-----|--|--|-----|--|---|
| (a) |  | <p>If parking brake is off, stop immediately and contact Lexus dealer.</p> <p>(Indicator and buzzer)</p> | (e) |  | <p>Stop and check.</p>  |
| (b) |  | <p>Fasten driver's seat belt.</p> <p>(Indicator and buzzer)</p>  | (f) |  | <p>Stop and check.</p>  |
| (c) |  | <p>Fasten front passenger's seat belt.</p>   | (g) |  | <p>Add engine oil.</p>  |
| (d) |  | <p>Take vehicle to Lexus dealer immediately.</p>   | (h) |  | <p>Take vehicle to Lexus dealer.</p>  |
|     |  |  | (i) |  | <p>Take vehicle to Lexus dealer.<br/>If brake system warning light is also on, stop immediately and contact Lexus dealer.</p> |
|     |  |  | (j) |  | <p>Close all doors.</p>   |
|     |  |  | (k) |  | <p>Replace bulb.</p>  |

## GAUGES, METERS AND SERVICE REMINDER INDICATORS

- (l)  Add washer fluid.
- (m)  Fill up tank.
- (n)  Take vehicle to Lexus dealer.
- (o)  Take vehicle to Lexus dealer.
- (p) Key reminder buzzer Remove key.

### (a) Brake System Warning Light and Buzzer

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 ...**



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

- **When the hydraulic brake booster fails ...**

If the hydraulic booster causes a problem resulting in poor braking performance, the warning light comes on and buzzer sounds continuously.

**Have your vehicle checked at your Lexus dealer in the following cases:**

- The light does not come on even if the parking brake is applied when the ignition key is turned to 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 turned on briefly during operation does not indicate a problem.

## GAUGES, METERS AND SERVICE REMINDER INDICATORS

### CAUTION

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

- The light does not turn off even after the parking brake is released while the engine is running.
- The warning buzzer comes on together with the warning light.

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.

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

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

### (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" or "START", the reminder light flashes and buzzer sounds if the driver's seat belt is not fastened. Unless the driver fastens the belt, the light stays 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" or "START", 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 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.

## GAUGES, METERS AND SERVICE REMINDER INDICATORS

---

### (d) SRS Warning Light

The indicator comes on when the ignition key is turned to the "ON" position. It goes off after about 6 seconds. This means the SRS airbags and seat belt pretensioners are operating properly.

This warning light system monitors the airbag sensor assembly, front airbag sensors, side airbag sensors, curtain shield airbag sensors, 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 Lexus dealer as soon as possible to service the vehicle.

- When the ignition key is turned to the "ON" position, the light does not come on, remains on or flashes.
- The light comes on or starts flashing while driving.

If the light stays on, it indicates that the driver and front passenger airbags fail. If the light flashes, the side and curtain shield airbags and/or seat belt pretensioners fail.

### (e) Discharge Warning Light

This light warns that the battery is being discharged.

If it comes on while you are driving, stop the vehicle, turn off the engine, and check for the cause. Look first at the engine drive belt.

- If it is loose or broken, the generator will not charge the battery properly.
- If the belt is O.K., 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 Lexus dealer or repair shop.

#### **NOTICE**

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



## GAUGES, METERS AND SERVICE REMINDER INDICATORS

---

### (f) 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 Lexus 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 oil level dipstick.

#### **NOTICE**

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

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

This light warns that the engine oil level is too low. Add oil as soon as possible. (For instructions, see "Checking the engine oil level" on page 253.)

While driving on steep inclines or rough roads which causes the vehicle to substantially sway or on curves, this light may come on due to the movement of engine oil in the engine.

#### **NOTICE**

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

## GAUGES, METERS AND SERVICE REMINDER INDICATORS

---

### (h) Malfunction Indicator Lamp

This lamp comes on in the following cases.

- a. The fuel tank is completely empty. (See "Fuel gauge" on page 38 for instructions.)
- b. The fuel tank cap is not tightened securely. (See "Fuel tank cap" on page 69 for instructions.)
- c. There is a problem somewhere in your engine electrical system, automatic transmission electrical system or electronic throttle control system.

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

If this lamp comes on and the engine speed does not increase with the accelerator pedal depressed down to about the middle position, there may be a problem somewhere in your electronic throttle control system.

At this time, if you depress the accelerator pedal more firmly and slowly, you can drive your vehicle at low speeds. Have your Lexus checked by your Lexus dealer as soon as possible.

Even if the abnormality of the electronic throttle control system is corrected during low speed driving, the system may not be recovered until the engine is stopped and the ignition key is turned to "ACC" or "LOCK" position.

### (i) "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 work properly, the light turns off after a few seconds. Thereafter, if either of the systems 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/or the vehicle skid control system do/does 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.

**If either of the following conditions occurs, this indicates a malfunction somewhere in the parts monitored by the warning light system. Contact your Lexus 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.

## GAUGES, METERS AND SERVICE REMINDER INDICATORS

---

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

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

- The light may stay on for about 60 seconds after the engine 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.

### **(j) Open Door Warning Light**

This light remains on until all the doors 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.

Have defective bulbs replaced as soon as possible.

### **(l) Low Washer Fluid Warning Light**

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

### **(m) Low Fuel Level Warning Light**

This light comes on when the fuel level in the tank becomes nearly empty. Fill 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.

## GAUGES, METERS AND SERVICE REMINDER INDICATORS

---

### **(n) Automatic Headlight Leveling System Warning Light**

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

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

### **(o) Vehicle Skid Control System Warning Lights**

These lights warn that when there is a problem somewhere in the vehicle skid control system, traction control system or brake assist system.

If the "VSC" warning light and "VSC OFF" indicator light come on, have your vehicle checked by Lexus dealer as soon as possible.

The lights will come on when the ignition key is turned to "ON", and will go off after about a few seconds.

The lights may stay on for 60 seconds after the engine is started. It is normal if they go out after a while.

Depressing the brake pedal repeatedly may turn on the lights. It is normal if they go out after a few seconds.

If the "VSC" warning light and "VSC OFF" indicator light come on, the vehicle skid control system does not activate, however, it is no problem to continue your driving.

### **(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.

## GAUGES, METERS AND SERVICE REMINDER INDICATORS

### How to check all the service reminder indicators

(except the low fuel level warning light):

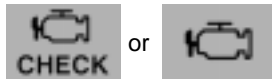
1. Apply the parking brake.
2. Open the door.

The following service reminder indicator should come on. It goes off when you close the door completely.



3. Turn the ignition key to "ON".

The following service reminder indicators should come on.



The following service reminder indicators go off after a few seconds.



The following service reminder indicator goes off after 6 seconds.



The lights other than the slip indicator light may stay on for about 60 seconds after the engine 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 Lexus dealer as soon as possible.

## INSTRUMENT PANEL LIGHT CONTROL



**The brightness of the instrument panel lights is automatically adjusted depending on the brightness of your surroundings. To adjust the brightness as you like, turn the knob. However, if the brightness is automatically adjusted at the maximum, turning the knob cannot change the brightness.**

When the headlight switch is in the first or second click stop, you can also adjust the brightness of the displays on the audio and air conditioning systems using this knob.