

SECTION 1-6

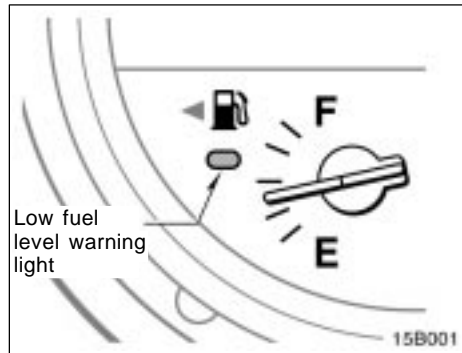
OPERATION OF INSTRUMENTS AND CONTROLS

Gauges, Meters and Service reminder indicators

Fuel gauge	74
Engine coolant temperature indicator and warning lights	74
Tachometer	75
Odometer and two trip meters	75
Service reminder indicators and warning buzzers	77



Fuel gauge



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

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

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

The needle moves when braking, accelerating or making turns. This is caused by the movement of the fuel in the tank.

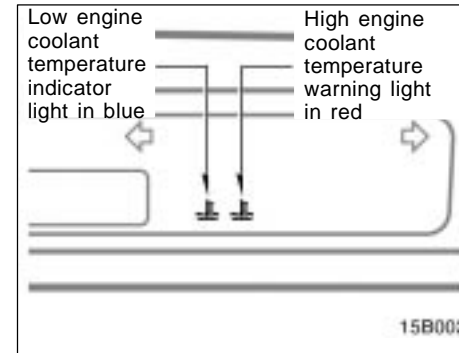
If the fuel level approaches “E” or the low fuel level warning light comes on, fill the fuel tank as soon as possible.

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 Scion dealer as soon as possible.

Engine coolant temperature indicator and warning lights



The indicator and warning lights indicate the engine coolant temperature when the ignition switch is on. The engine operating temperature will vary with changes in weather and engine load.

The high engine coolant temperature warning light will come on when the ignition key is turned to the “ON” position. After a few seconds, the light will go off.

If your engine coolant temperature is cool with the ignition switch on, the low engine coolant temperature indicator light comes on. If it keeps lighting on with the engine fully warmed, contact your Scion dealer as soon as possible to service the vehicle.

If the high engine coolant temperature warning light flashes, your engine is too hot. If your vehicle overheats, stop your vehicle and allow the engine to cool.

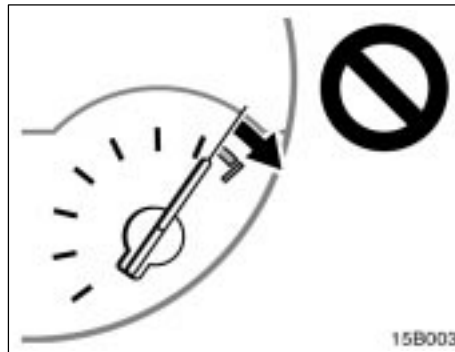
Your vehicle may overheat during severe operating conditions, such as:

- 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.

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 153.***

Tachometer



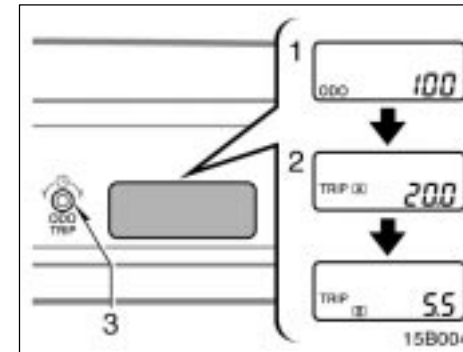
The tachometer indicates engine speed in thousands of rpm (revolutions per minute). Use it while driving to select correct shift points and to prevent engine lugging and over-revving.

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 get segment into the red zone. This may cause severe engine damage.

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 are cancelled if the electrical power source is disconnected.






05.05.20

3. Trip meter reset knob—It can reset the two trip meters to zero, and also change the meter display.





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.

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.

Service reminder indicators and warning buzzers

	If the indicator or buzzer comes on...	Do this.
(a)	BRAKE	If parking brake is off, stop immediately and contact Scion dealer.
(b)	 (Indicator and buzzer)	Fasten driver's seat belt.
(c)	PASSENGER 	Fasten front passenger's seat belt.
(d)	MAINT REQD	Replace engine oil.
(e)		Stop immediately and contact Scion dealer.
(f)	 CHECK	Take vehicle to Scion dealer.
(g)		Fill up tank.

05.05.20

If the indicator or buzzer comes on...		Do this.
(h)		Stop and check.
(i)	ABS	Take vehicle to Scion dealer. If the brake system warning light is also on, stop immediately and contact Scion dealer.
(j)		Close all side doors and back door.
(k)		Take vehicle to Scion dealer immediately.
(l)	 (in red)	Stop and check.
(m)	VSC	Take vehicle to Scion dealer.
(n)	Key reminder buzzer	Remove key.
(o)	Light reminder buzzer	Turn off lights.

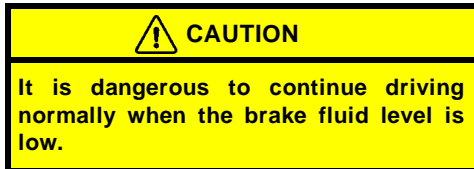
(a) Brake System Warning Light

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.

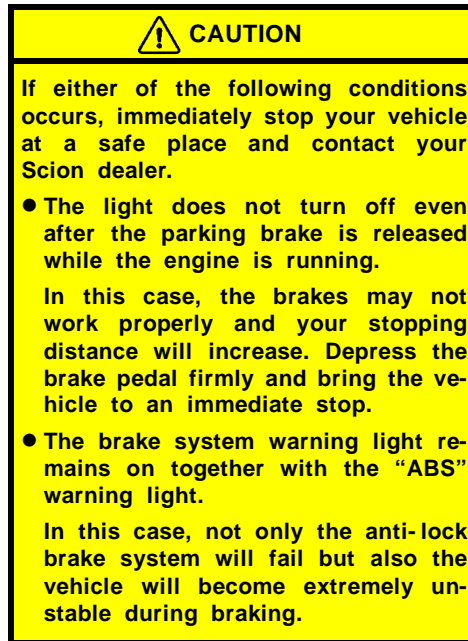
● **When the brake fluid level is low...**



Have your vehicle checked at your Scion dealer in the following cases:

- 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.



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

The light and buzzer act as a reminder to buckle up the driver's seat belt.

Once the ignition key is turned to the "ON" or "START" position, the reminder light and buzzer come on if the driver's seat belt is not fastened. Unless the driver fastens the belt, the light continues flashing and 5 beeps sound.

(c) Front Passenger's Seat Belt Reminder Light

The light acts as a reminder to have the front passenger buckle up the seat belt.

Once the ignition key is turned to the "ON" or "START" position, the reminder light comes on 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 continues flashing.

If luggage or other 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 flash.

(d) Engine Oil Replacement Reminder Light

This light acts as a reminder to replace the engine oil.

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

When you drive for about 8000 km (5000 miles) after the engine oil replacement, this light illuminates for about 3 seconds and then flashes for about 12 seconds after the ignition key is turned to the "ON" position. If you continue driving without engine oil replacement, and if the driving range exceeds 12000 km (7500 miles), the light will come on when the ignition key is turned to the "ON" position. The light will remain on thereafter.

If the light is flashing, we recommend that you replace the engine oil at an early opportunity depending on the driving and road conditions. If the light comes on, replace it as soon as possible.

The system must be reset after the engine oil replacement. Reset the system by following the procedure below:

1. Turn the ignition key to the "OFF" position with the odometer reading shown. (For details, see "Odometer and two trip meters" on page 75.)
2. Turn the ignition key to the "ON" position while holding down the trip meter reset knob.

Hold down the knob for at least 5 seconds. The light goes off, and the display shows zero for 1 second and changes to the odometer reading.

If the system fails to reset, the light will remain on or keep flashing.

(e) Charging System Warning Light

This warning light comes on when the ignition switch is turned to the "ON" position, and goes off when the engine is started.

When there are problems in the charging system while the engine is running, the warning light comes on.

NOTICE
<p><i>When the charging system warning light comes on while the engine is running, malfunctions such as the engine drive belt being broken may have occurred. If the warning light comes on, immediately stop the vehicle in a safe place and contact your Scion dealer.</i></p>

(f) Malfunction Indicator Lamp

This lamp comes on when the ignition key is turned to the “ON” position and goes off after the engine starts. This means that the warning light system is operating properly.

If the lamp remains on, first check the following.

- Empty fuel tank
If the fuel tank is empty, refuel immediately.
- Loose fuel tank cap
If the fuel tank cap is loose, securely tighten it.

These cases are temporary malfunctions. The malfunction indicator lamp will go off after taking several driving trips.

If the lamp does not go off even after several trips, contact your Scion dealer as soon as possible.

If the fuel tank is not empty or the fuel tank cap is not loose...

- There is a problem somewhere in the engine, emission control system, automatic transmission electrical system or warning light system itself.

Contact your Scion dealer as soon as possible to service the vehicle.

Emissions Inspection and Maintenance (I/M) programs

Your vehicle may not pass a state emission inspection if the malfunction indicator lamp remains on. Contact your Scion dealer to check your vehicle’s emission control system and OBD (On-Board Diagnostics) system before taking your vehicle for the inspection.

For details, see “Emissions inspection and maintenance (I/M) programs” on page 184.

(g) Low Fuel Level Warning Light

This light comes on when the fuel level in the tank becomes very low. 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.

(h) Low Engine 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 Scion 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
<i>Do not drive the vehicle with the warning light on—even for one block. It may ruin the engine.</i>

05.05.20

(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 the systems malfunction, the light comes on again.

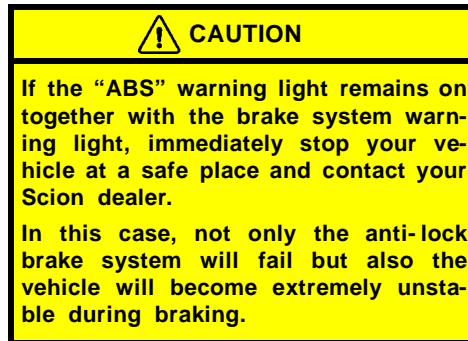
When the “ABS” warning light is on (and the brake system warning light is off), the anti-lock brake system, the brake assist system, the traction control system and the vehicle stability control system do not operate, but the brake system still operates conventionally.

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.

If either of the following conditions occurs, this indicates a malfunction somewhere in the components monitored by the warning light system. Contact your Scion 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 or remains on.
- The light comes on while you are driving.

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



(j) Open Door Warning Light

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

(k) SRS Warning Light

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

This warning light system monitors the airbag sensor assembly, front airbag sensors, driver’s seat position sensor, driver’s seat belt buckle switch, passenger’s seat belt buckle switch, seat belt pretensioner assemblies, inflators, warning light, interconnecting wiring and power sources.

If any of the following conditions occurs, this indicates a malfunction of the airbags or seat belt pretensioners. Contact your Scion dealer as soon as possible.

- When the ignition key is turned to the “ON” position, the light does not come on or remains on for more than about 6 seconds or flashes.
- The light comes on or starts flashing while you are driving.

(l) High Engine Coolant Temperature Warning Light

The light operates to warn that the engine is almost overheating.

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

If your engine coolant temperature is cool with the ignition switch on, the low engine coolant temperature indicator light comes on. If it keeps lighting on with the engine fully warmed, contact your Scion dealer as soon as possible to service the vehicle.

If the high engine coolant temperature warning light flashes, 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.

NOTICE
<p>◆ <i>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.</i></p> <p>◆ <i>Do not continue driving with an overheated engine. See "If your vehicle overheats" on page 153.</i></p>

(m) "VSC" Warning Light

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

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

If the light comes on while you are driving, the vehicle stability control system and traction control system do not work. However, as conventional braking operates when applied, there is no problem to continue your driving.

In the following cases, contact your Scion dealer:

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

The "TRAC OFF" indicator light will come on when the "VSC" warning light comes on even if the "TRAC OFF" switch is not pushed.

(n) Key Reminder Buzzer

This buzzer acts as a reminder to remove the key when you open the driver's door with the ignition key in the "ACC" or "LOCK" position.

(o) 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.

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. Turn the ignition key to the "ON" position, but do not start the engine.

All the service reminder indicators except the open door warning light should come on. The "ABS", "VSC" and high engine coolant temperature warning lights, "MAINT REQD" reminder light, "TRAC OFF" and slip indicator lights go off after a few seconds. The SRS warning light goes off after about 6 seconds.

If any service reminder indicator or warning buzzer does not function as described above, have it checked by your Scion dealer as soon as possible.