

Tire Pressure Warning System on Lexus RX330 a '04 (MCU38L) ¹

The tire pressure warning system is designed to provide warning when tire inflation pressure is critically low while the vehicle is moving. The low tire pressure warning light comes on to inform you that such low tire pressure may hamper driving.

This system is not designed to operate when the vehicle is stopped. Therefore, check the tire inflation pressure regularly. The recommended cold tire inflation pressure, tire size and the vehicle capacity weight are on the tire and loading information label.

Installed tires should be of the specified size. They should be of the same size and construction. If tires other than the specified size are used, or if tires of different sizes or construction are mixed, the tire pressure warning system will not function properly.

This light comes on when the ignition key is turned to the "ON" position. It goes off after few seconds. This indicates that the tire pressure warning system is functioning properly.

If the low tire pressure warning light comes on or blinks while driving, do the following.

- If the warning light comes on: The tire pressure is critically low. Adjust the tire inflation pressure to the specified level as soon as possible*.

Once the ignition switch is turned off, the warning light also goes off. If the light comes on again when the vehicle is started after adjusting tire inflation pressure to the specified level, have the system checked at your Lexus dealer.

If you have a flat tire, replace it with the spare tire. 496.

- If the warning light blinks every 0.5 seconds: The low tire pressure warning system may be malfunctioning.
- If the warning light blinks every 0.25 seconds: The low tire pressure warning system needs to be initialized. Reset system with the tire pressure warning system reset switch.

The tire pressure warning system does not function properly under certain circumstances. In the following cases, the tire pressure warning light may not come on even if the inflation pressure is low, or it may come on when the tire inflation pressure is actually normal.

- A compact spare tire, snow tires, or tire chains are used.
- The tire inflation pressure is excessively higher than specified, or tire inflation pressure suddenly drops due to bursting or other causes.
- The vehicle is driven on a slippery road surface such as rough or frozen roads.
- The vehicle speed is less than 30 km/h (19 mph) or more than 100 km/h (62 mph), and the driving duration is less than 5 minutes.
- The tires differ in tread pattern or manufacturer.
- The tires are not the specified size.
- The tread wear is very different among the installed tires.
- Rapid acceleration/deceleration or sharp turns is continue.
- Towing a trailer.
- The loading is over the limit or imbalanced.
- Initialization was not performed correctly after replacing or rotating tires or wheels.

Tire pressure warning system reset switch

To initializing the system, perform the following:

1. Park the vehicle at a safe place and apply the parking brake. Stop engine.
2. Adjust the pressure of all the installed tires to the specified level*.
3. Turn ignition key to "ON".

4. With the vehicle stopped, push the reset switch on the left lower instrument panel and hold it until the low tire pressure warning light blinks three times.

Initialization is completed after driving at the speeds of the 30 km/h (19 mph) or over for about a few hour total, when the tire pressure warning system detects the normal tire pressure. If the following driving conditions are satisfied, initialization will be completed in about one hour.

- Vehicle speed varies between 30 km/h (19 mph) and 80 km/h (50 mph)
- Normal road surface

When the warning light blinks every 0.25 seconds while driving, you may be unable to reset the system. In this case, set the system again according to the above procedure.

Don't push the reset switch without adjusting the tire inflation pressure to the specified level. Otherwise, the low tire warning light may come on when the tire inflation pressure is actually normal.

If you push the reset switch while the vehicle is moving, initialization is not performed.

If the low tire pressure warning light does not blink when you push and hold the reset switch, have the low pressure warning system checked at your Lexus dealer.



* Tires and Wheels (type A)

Tire size	225/65R17 101S
Tire inflate.	210 kPa (2.1 bar)
Wheel size	17 x 6 1/2 JJ
Wheel nut torque	103 N·m

* Tires and Wheels (type B)

Tire size	P235/55R18 99V
Tire inflation pressure	210 kPa (2.1 bar)
Wheel size	18 x 7 JJ
Wheel nut torque	103 N·m

¹ 2004 Lexus Owner's Manual. RX330