

## SECTION 5

---

### MAINTENANCE

Maintenance requirements	272
General maintenance	273
Does your vehicle need repairing?	276

***For scheduled maintenance information, please refer to the “Owner’s Manual Supplement / Maintenance Schedule”.***

### MAINTENANCE REQUIREMENTS

Your Lexus vehicle has been designed for fewer maintenance requirements with longer service intervals to save both your time and money. However, each regular maintenance as well as day-to-day care is more important than ever before to ensure smooth, trouble-free, safe, and economical driving.

It is the owner's responsibility to make sure the specified maintenance, including general maintenance services, is performed. Note that both the new vehicle and emission control system warranties specify that proper maintenance and care must be performed. See "Owner's Guide", "Owner's Manual Supplement" or "Warranty Booklet" for complete warranty information.

#### General maintenance

General maintenance items are those day-to-day care practices that are important to your vehicle for proper operation. It is the owner's responsibility to ensure that the general maintenance items are performed regularly.

These checks or inspections can be done either by yourself or your Lexus dealer.

#### Scheduled maintenance

The scheduled maintenance items listed in the "Owner's Manual Supplement / Maintenance Schedule" are those required to be serviced at regular intervals.

For details of your maintenance schedule, read the "Owner's Manual Supplement / Maintenance Schedule".

**It is recommended that only genuine Lexus parts be used for maintenance.**

**The owner may elect to use non-Lexus supplied parts for replacement purposes without invalidating the emission control system warranty. However, use of replacement parts which are not of equivalent quality may impair the effectiveness of the emission control systems.**

**You may also elect to have maintenance, replacement, or repair of the emission control devices and system performed by any automotive repair establishment or individual without invalidating this warranty. See "Owner's Guide", "Owner's Manual Supplement" or "Warranty Booklet" for complete warranty information.**

### Where to go for service?

Lexus technicians are well-trained specialists and are kept up to date with the latest service information through technical bulletins, service tips, and in-dealership training programs. They are well informed about the operation of all the systems on your vehicle.

You can be confident that your Lexus dealer's service department performs the best job to meet the maintenance requirements of your vehicle.

Your copy of the repair order is proof that all required maintenance has been performed for warranty coverage. And if any problems should arise with your vehicle while under warranty, your Lexus dealer will promptly take care of it. Again, be sure to keep a copy of the repair order for any service performed on your Lexus.

### What about do-it-yourself maintenance?

Many of the maintenance items are easy to do yourself, if you have a little mechanical ability and a few basic automotive tools. Simple instructions for how to perform them are presented in Section 6.

If you are a skilled do-it-yourself mechanic, the Lexus service manuals are recommended. Please be aware that do-it-yourself maintenance can affect your warranty coverage. See "Owner's Guide", "Owner's Manual Supplement" or "Warranty Booklet" for the details.

## GENERAL MAINTENANCE

Listed below are the general maintenance items that should be performed at the intervals specified. It is recommended that any problem you notice be brought to the attention of your Lexus dealer or qualified service shop for their advice.



### CAUTION

**Make these checks only where adequate ventilation can be obtained if you run the engine.**

### Vehicle exterior

**Items listed below should be performed from time to time, unless otherwise specified.**

#### Tire pressure

Check the pressure with a gauge every two weeks, or at least once a month and adjust as shown on the tire pressure label. See page 305 for additional information.

#### Tire surface

Check the tires carefully for cuts, damage or excessive wear. See page 307 for additional information.

#### Wheel nuts

When checking the tires, make sure to check the nuts for looseness. Tighten them if necessary.

## KEYS AND DOORS

---

### **Tire rotation**

Rotate the tires according to the maintenance schedule. (For scheduled maintenance information, please refer to the "Owner's Manual Supplement" or "Maintenance schedule".) See page 306 for additional information.

### **Fluid leaks**

Check underneath for leaking fuel, oil, water or other fluid after the vehicle has been parked for a while. If you smell fuel fumes or notice any leak, have the cause found and corrected immediately.

### **Doors and engine hood**

Check that all doors, including trunk lid, operate smoothly and all latches lock securely. Make sure the engine hood secondary latch secures the hood when the primary latch is released.

### **Vehicle interior**

**Items listed below should be checked regularly, e.g. while performing periodic services, cleaning the vehicle, etc.**

#### **Lights**

Make sure the headlight, stop lights, tail lights, turn signal lights, and other lights are working. Check headlight aim.

#### **Service reminder indicators and warning buzzers**

Check that all service reminder indicators and warning buzzers function properly.

### **Steering wheel**

Check that it has the specified free play. Be alert for changes in steering condition, such as hard steering, excessive free play or strange noise.

### **Seats**

Check that all front seat controls such as seat adjusters, seatback recliner, etc. operate smoothly. Check that the head restraints move up and down smoothly and that the locks hold securely in any latched position.

### **Seat belts**

Check that the seat belt system such as buckles, retractors and anchors operate properly and smoothly. Make sure the belt webbing is not cut, frayed, worn or damaged.

### **Accelerator pedal**

Check the pedal for smooth operation and uneven pedal effort or catching.

### **Brake pedal**

Check the pedal for smooth operation and the proper clearance and free play. Check the brake booster function.

### **Brakes**

At a safe place, check that the brakes do not pull to one side when applied.

### **Parking brake**

Check that the lever has the proper travel and that, on a safe incline, your vehicle is held securely with only the parking brake applied.

**Automatic transmission "Park" mechanism**

On a safe incline, check that your vehicle is held securely with the selector lever in "P" position and all brakes released.

**Engine compartment**

**Items listed below should be checked from time to time, e.g. each time when refueling.**

**Washer fluid**

Make sure there is sufficient fluid in the tank. See page 326 for additional information.

**Engine coolant level**

Make sure the coolant level is between the Upper and Lower lines on the see-through reservoir when the engine is cold. See page 296 for additional information.

**Battery**

Your Lexus has a maintenance free battery. You do not have to add distilled water. For longer life of the battery, however, see page 320 for additional information.

**Brake fluid level**

Make sure the brake fluid level is correct. See page 303 for additional information.

**Engine oil level**

Check the level on the dipstick with the engine turned off and the vehicle parked on a level spot. See page 293 for additional information.

**Power steering fluid level**

Check the level on the dipstick. The level should be in the "HOT" or "COLD" range depending on the fluid temperature. See page 304 for additional information.

**Exhaust system**

If you notice any change in the sound of the exhaust or smell exhaust fumes, have the cause located and corrected immediately. (See "Engine exhaust caution" on page 193.)

## KEYS AND DOORS

---

### DOES YOUR VEHICLE NEED REPAIRING?

Be on the alert for changes in performance and sounds, and visual tip-offs that indicate service is needed. Some important clues are:

- Engine missing, stumbling, or pinging
- Appreciable loss of power
- Strange engine noises
- A fluid leak under the vehicle (However, water dripping from the air conditioning after use is normal.)
- Change in exhaust sound (This may indicate a dangerous carbon monoxide leak. Drive with the windows open and have the exhaust system checked immediately.)
- Flat-looking tires, excessive tire squeal when cornering, uneven tire wear
- Vehicle pulls to one side when driving straight on a level road
- Strange noises related to suspension movement
- Loss of brake effectiveness, spongy feeling brake pedal, pedal almost touches floors, vehicle pulls to one side when braking

- Engine coolant temperature continually higher than normal

If you notice any of these clues, take your vehicle to your Lexus dealer as soon as possible. It probably needs adjustment or repair.



**Do not continue driving with the vehicle unchecked. It could result in serious vehicle damage and possibly personal injury.**