

## Maintenance Safety

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All service items not detailed in this section should be performed by a certified technician or other qualified mechanic.

### Important Safety Precautions

To eliminate potential hazards, read the instructions before you begin, and make sure you have the tools and skills required.

- Make sure your vehicle is parked on level ground, the parking brake is set, and the engine is off.
- To clean parts, use a commercially available degreaser or parts cleaner, not gasoline.
- To reduce the possibility of fire or explosion, keep cigarettes, sparks, and flames away from the battery and all fuel-related parts.
- Wear eye protection and protective clothing when working with the battery or compressed air.

### WARNING

Improperly maintaining this vehicle or failing to correct a problem before driving can cause a crash in which you can be seriously hurt or killed.

Always follow the inspection, maintenance recommendations, and schedules in this owner's manual.

### Potential Vehicle Hazards

- **Carbon Monoxide poison from engine exhaust.** Be sure there is adequate ventilation whenever you operate the engine.
- **Burns from hot parts.** Let the engine and exhaust system cool before touching any parts.

- **Injury from moving parts.** Do not run the engine unless instructed to do so.

### WARNING

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

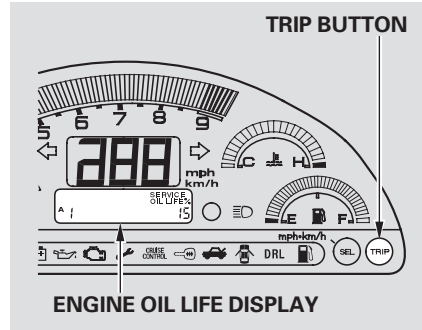
Always follow the procedures and precautions in this owner's manual.

Some of the most important safety precautions are given here. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

Your vehicle displays engine oil life and maintenance service items on the information display to show you when you should have your dealer perform engine oil replacement and indicated maintenance service.

Based on the engine operating conditions and accumulated engine revolutions, the onboard computer in your vehicle calculates the remaining engine oil life and displays it as a percentage.

## Engine Oil Life Indicator



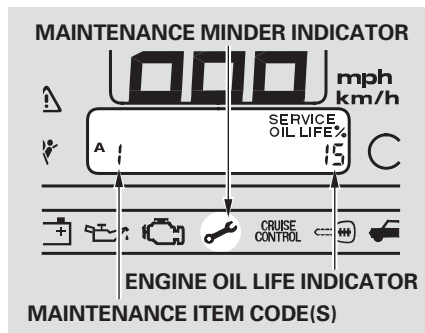
To see the current engine oil life, turn the ignition switch to the ON (II) position, and push and release the TRIP button repeatedly until the engine oil life display appears (see page 51 ).

The remaining engine oil life is displayed on the engine oil life display according to this table:

Calculated Engine Oil Life (%)	Displayed Engine Oil Life (%)
100 % – 91 %	100 %
90 % – 81 %	90 %
80 % – 71 %	80 %
70 % – 61 %	70 %
60 % – 51 %	60 %
50 % – 41 %	50 %
40 % – 31 %	40 %
30 % – 21 %	30 %
20 % – 16 %	20 %
15 % – 11 %	15 %
10 % – 6 %	10 %
5 % – 1 %	5 %
0 %	0 %

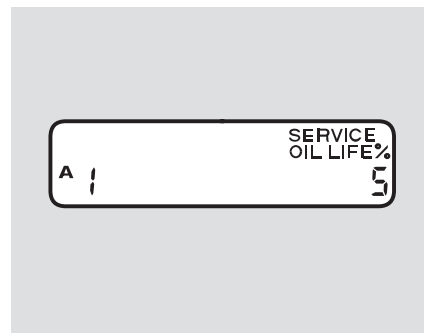
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## Maintenance Minder

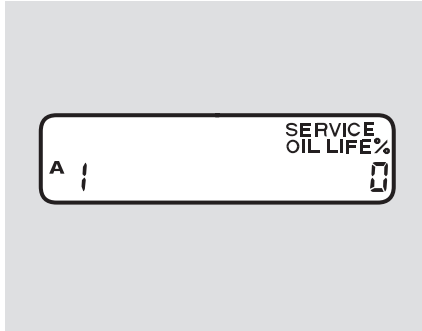


If the remaining engine oil life is 15 to 6 percent, you will see the engine oil life indicator every time you turn the ignition switch to the ON (II) position. The maintenance minder indicator will also come on, and the maintenance item code(s) for other scheduled maintenance items needing service will be displayed next to the engine oil life indicator.

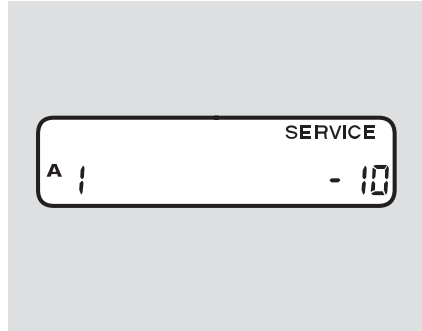
The maintenance item code or codes indicate the main and sub items required at the time of the oil change (see page 140 ).



When the remaining engine oil life is 5 to 1 percent, you will see a "SERVICE OIL LIFE" message along with the same maintenance item code(s), every time you turn the ignition switch to the ON (II) position.



When the remaining engine oil life is 0 percent, the engine oil life indicator will be blinking. The display comes on every time you turn the ignition switch to the ON (II) position. When you see this message, have the indicated maintenance performed by your dealer as soon as possible.



If you still do not perform the indicated maintenance, you will see a negative mileage. It is displayed when you drive over 10 miles (for U.S. models) or 10 km (for Canadian models) after seeing the 0 percent message. Afterward, it shows your driving distance if you continue to drive. Immediately have the indicated maintenance done by your dealer.

The maximum total mileage shown is “-9999.”

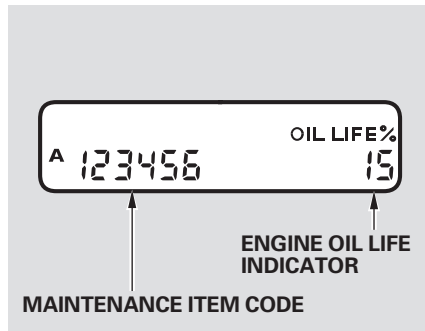
You can change the information display from the engine oil life display to the odometer, the trip meter, or the outside temperature (if equipped) every time you press and release the TRIP button.

When the engine oil life is 0 percent or negative mileage, the maintenance minder indicator remains on even if you change the information display.

Immediately have the service performed, and make sure to reset the display as described on the next page.

## Maintenance Minder

### Maintenance Main Items and Sub Items



When the vehicle needs maintenance, maintenance codes appear on the information display.

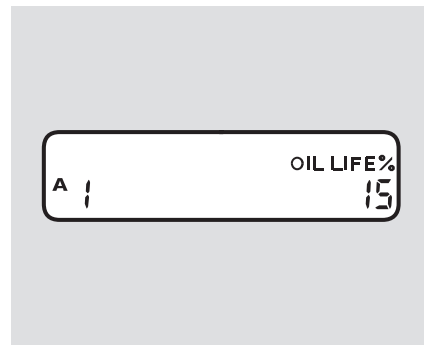
For an explanation of the maintenance codes, see page [139](#).

### Resetting the Engine Oil Life Indicator

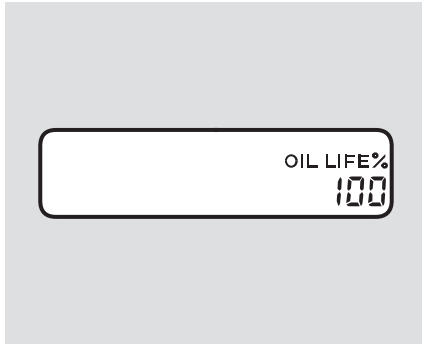
Your dealer will reset the display after completing the required maintenance service. You will see "OIL LIFE 100 %" on the odometer/trip meter display the next time you turn the ignition switch to the ON (II) position.

If maintenance service is done by someone other than your dealer, reset the maintenance minder as follows:

1. Turn the ignition switch to the ON (II) position.
2. Press the TRIP button until the engine oil life indicator is displayed.



3. Press the TRIP button for more than 10 seconds. The engine oil life indicator and the maintenance item code(s) will blink.



4. Press the TRIP button for more than 5 seconds. The maintenance items code(s) will disappear, and the engine oil life will reset to “100.”

### **Important Maintenance Precautions**

If you have the required service done but do not reset the display, or reset the display without doing the service, the system will not show the proper maintenance intervals. This can lead to serious mechanical problems because you will no longer have an accurate record of when maintenance is needed.

Your authorized Honda dealer knows your vehicle best and can provide competent, efficient service.

However, service at a dealer is not mandatory to keep your warranties in effect. Maintenance may be done by any qualified service facility or person who is skilled in this type of automotive service. Make sure to have the service facility or person reset the display as previously described. Keep all receipts as proof of completion, and have the person who does the work fill out the maintenance record. Check your warranty booklet for more information.

We recommend using Honda parts and fluids whenever you have maintenance done. These are manufactured to the same high-quality standards as the original components, so you can be confident of their performance and durability.

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## Maintenance Minder

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U.S. Vehicles:

**Maintenance, replacement, or repair of emissions control devices and systems may be done by any automotive repair establishment or individual using parts that are “certified” to EPA standards.**

According to state and federal regulations, failure to perform maintenance on the items marked with # will not void your emissions warranties. However, all maintenance services should be performed in accordance with the intervals indicated by the information display.

### Owner’s Maintenance Checks

You should check the following items at the specified intervals. If you are unsure of how to perform any check, turn to the appropriate page listed.

- Engine oil level — Check every time you fill the fuel tank. See page [111](#).
  - Engine coolant level — Check the radiator reserve tank every time you fill the fuel tank. See page [112](#).
  - Brakes and clutch — Check the fluid level monthly. See page [151](#).
  - Tires — Check the tire pressure monthly. Examine the tread for wear and foreign objects. See page [161](#).
- Lights — Check the operation of the headlights, parking lights, taillights, high-mount brake light, and license plate lights monthly. See page [152](#).

Symbol	Maintenance Main Items
A	<ul style="list-style-type: none"> <li>• Replace engine oil*<sup>1</sup></li> </ul>
B	<ul style="list-style-type: none"> <li>• Replace engine oil and oil filter</li> <li>• Inspect front and rear brakes</li> <li>• Check parking brake adjustment</li> <li>• Inspect these items:                             <ul style="list-style-type: none"> <li>• Tie rod ends, steering gear box, and boots</li> <li>• Suspension components</li> <li>• Driveshaft boots</li> <li>• Brake hoses and lines (including ABS)</li> <li>• All fluid levels and condition of fluids</li> <li>• Exhaust system<sup>#</sup></li> <li>• Fuel lines and connections<sup>#</sup></li> </ul> </li> </ul>

Symbol	Maintenance Sub Items
1	<ul style="list-style-type: none"> <li>• Check tire inflation and condition</li> </ul>
2	<ul style="list-style-type: none"> <li>• Replace air cleaner element If you drive in dusty conditions, replace every 15,000 miles (24,000 km).</li> <li>• Replace dust and pollen filter If you drive primarily in urban areas that have high concentrations of soot in the air from industry and from diesel-powered vehicles, replace every 15,000 miles (24,000 km).</li> <li>• Inspect drive belt</li> </ul>
3	<ul style="list-style-type: none"> <li>• Replace transmission fluid</li> </ul>
4	<ul style="list-style-type: none"> <li>• Replace spark plugs</li> <li>• Inspect valve clearance</li> </ul>
5	<ul style="list-style-type: none"> <li>• Replace engine coolant</li> </ul>
6	<ul style="list-style-type: none"> <li>• Replace rear differential fluid Driving in mountainous areas results in higher level of mechanical (shear) stress to fluid. This requires differential fluid changes more frequently than recommended by the maintenance minder. If you regularly drive your vehicle under these conditions, have the differential fluid changed every 15,000 miles (24,000 km).</li> </ul>

\* 1 : If the message "SERVICE DUE NOW" does not appear more than 12 months after the display is reset, change the engine oil every year.

# : See information on maintenance and emissions warranty on page 138.

NOTE: • Independent of the maintenance minder messages, replace the brake fluid every 3 years.  
 • Inspect idle speed every 160,000 miles (256,000 km).  
 • Adjust the valves during services A, B, 1, 2, or 3 only if they are noisy.

# Maintenance Record

You or the servicing dealer can record all completed maintenance here. When maintenance is performed, record the mileage, circle the coded item(s) completed, and write in any other non-coded items (such as brake fluid replacement) below the codes. Keep the receipts for all work done on your vehicle. Maintenance can also be recorded in your Honda service history booklet.

Mileage	Maintenance Performed	Signature
		Date
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	

Mileage	Maintenance Performed	Signature
		Date
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	

# Maintenance Record

Mileage	Maintenance Performed	Signature
		Date
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	

Mileage	Maintenance Performed	Signature
		Date
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	
mi km	A B 1 2 3 4 5 6	