# MAINTENANCE SCHEDULES

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## EMISSION CONTROL SYSTEM MAINTENANCE

The "Scheduled" maintenance services, listed in **bold type** in this section (Section 8) must be done at the times or mileages specified to assure the continued proper functioning of the emission control system. These, and all other maintenance services included in this manual, should be done to provide best vehicle performance and reliability. More frequent maintenance may be needed for vehicles in severe operating conditions such as dusty areas and very short trip driving.

Inspection and service also should be done any time a malfunction is suspected.

**NOTE:** Maintenance, replacement, or repair of the emission control devices and systems on your vehicle may be performed by any automotive repair establishment or individual using any automotive part which has been certified pursuant to U.S. EPA or, in the State of California, California Air Resources Board regulations.

## MAINTENANCE SCHEDULES

There are two maintenance schedules that show the **required** service for your vehicle.

First is Schedule **"B"**. It is for vehicles that are operated under the conditions that are listed below and at the beginning of the schedule.

- Day or night temperatures are below 32° F (0° C).
- Stop and go driving.
- Extensive engine idling.
- Driving in dusty conditions.
- Short trips of less than 10 miles (16 km).
- More than 50% of your driving is at sustained high speeds during hot weather, above 90° F C (32°).
- Drag Race Operation.
- Heavy Loading.

- Taxi, police, or delivery service (commercial service).
- Off-road or desert operation.
- **If equipped for and operating with E-85 (ethanol) fuel.**

**NOTE:** If **ANY** of these apply to you then change your engine oil every 3,000 miles (5 000 km) or 3 months, whichever comes first and follow schedule "B" of the "Maintenance Schedules" section of this manual.

**NOTE:** If **ANY** of these apply to you then flush and replace your engine coolant every 102,000 miles (163 000 km) or 60 months, whichever comes first and follow schedule "B" of the "Maintenance Schedules" section of this manual.

**NOTE:** Most vehicles are operated under the conditions listed for Schedule "B".

Second is Schedule **"A"**. It is for vehicles that are not operated under any of the conditions listed under Schedule "B".

Use the schedule that best describes your driving conditions. Where time and mileage are listed, follow the interval that occurs first.

**NOTE:** Under no circumstances should oil change intervals exceed 6000 miles (10 000 km) or 6 months whichever comes first.

**CAUTION!**

**Failure to perform the required maintenance items may result in damage to the vehicle.**

*At Each Stop for Fuel*

- Check the engine oil level about 5 minutes after a fully warmed engine is shut off. Checking the oil level while the vehicle is on level ground will improve the accuracy of the oil level reading. Add oil only when the level is at or below the ADD or MIN mark.
- Check the windshield washer solvent and add if required.

*Once a Month*

- Check tire pressure and look for unusual wear or damage.
- Inspect the battery and clean and tighten the terminals as required.
- Check the fluid levels of coolant reservoir, brake master cylinder, and transmission and add as needed.
- Check all lights and all other electrical items for correct operation.

*At Each Oil Change*

- Change the engine oil filter.
- Inspect the exhaust system.
- Inspect the brake hoses.
- Inspect the CV joints (if equipped) and front suspension components.
- Check the automatic transmission fluid level.
- Check the manual transmission fluid level.
- Check the coolant level, hoses, and clamps.

### Schedule "B"

Follow schedule "B" if you usually operate your vehicle under one or more of the following conditions.

- Day or night temperatures are below 32° F (0° C).
- Stop and go driving.
- Extensive engine idling.
- Driving in dusty conditions.
- Short trips of less than 10 miles (16 km).
- More than 50% of your driving is at sustained high speeds during hot weather, above 90° F C (32°).
- Drag Race Operation.
- Heavy Loading.
- Taxi, police, or delivery service (commercial service).
- Off-road or desert operation.
- **If equipped for and operating with E-85 (ethanol) fuel.**

**NOTE:** If **ANY** of these apply to you then change your engine oil every 3,000 miles (5 000 km) or 3 months, whichever comes first and follow schedule "B" of the "Maintenance Schedules" section of this manual.

If none of these apply to you, then change your engine oil at every interval shown on schedule "A" of the "Maintenance Schedules" section of this manual.

| **Miles (Kilometers)** | **3,000 (5 000)** | **6,000 (10 000)** | **9,000 (14 000)** | **12,000 (19 000)** | **15,000 (24 000)** |
|---|---|---|---|---|---|
| Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first. | X | X | X | X | X |
| Drain and refill automatic transmission fluid. Replace filter and adjust bands.* | | | | | X |
| Rotate tires. | | X | | X | |
| Change rear axle fluid. | | | | | X |
| Inspect brake linings. | | | | X | |
| **Inspect engine air cleaner filter, replace if necessary.** | | | | | X |

| **Miles (Kilometers)** | **18,000 (29 000)** | **21,000 (34 000)** | **24,000 (38 000)** | **27,000 (43 000)** | **30,000 (48 000)** |
|---|---|---|---|---|---|
| Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first. | X | X | X | X | X |
| Drain and refill automatic transmission fluid. Replace filter and adjust bands. | | | | | X |
| Rotate tires. | X | | X | | X |
| Change rear axle fluid. | | | | | X |
| Inspect brake linings. | | | X | | |
| **Inspect engine air cleaner filter, replace if necessary.** | | | | | X |
| **Replace spark plugs.** | | | | | X |
| **Inspect and replace, if necessary, the PCV valve.** | | | | | X* |

| **Miles**<br>**(Kilometers)** | **33,000**<br>**(53 000)** | **36,000**<br>**(58 000)** | **39,000**<br>**(62 000)** | **42,000**<br>**(67 000)** | **45,000**<br>**(72 000)** |
|---|---|---|---|---|---|
| Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first. | X | X | X | X | X |
| Drain and refill automatic transmission fluid. Replace filter and adjust bands.* | | | | | X |
| Rotate tires. | | X | | X | |
| Change rear axle fluid. | | | | | X |
| Inspect brake linings. | | X | | | |
| **Inspect engine air cleaner filter, replace if necessary.** | | | | | X |

| **Miles (Kilometers)** | **48,000 (77 000)** | **51,000 (82 000)** | **54,000 (86 000)** | **57,000 (91 000)** | **60,000 (96 000)** |
|---|---|---|---|---|---|
| Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first. | X | X | X | X | X |
| Drain and refill automatic transmission fluid. Replace filter and adjust bands. | | | | | X |
| Rotate tires. | X | | X | | X |
| Change rear axle fluid. | | | | | X |
| Inspect brake linings. | X | | | | X |
| **Inspect engine air cleaner filter, replace if necessary.** | | | | | X |
| **Replace spark plugs.** | | | | | X |
| **Replace ignition cables.** | | | | | X |
| **Inspect and replace, if necessary, the PCV valve.** | | | | | X* |
| Flush and replace engine coolant at 60 months, if not done at 102,000 miles (163 000 km) | | | | | X |

| **Miles (Kilometers)** | **63,000 (101 000)** | **66,000 (106 000)** | **69,000 (110 000)** | **72,000 (115 000)** | **75,000 (120 000)** |
|---|---|---|---|---|---|
| Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first. | X | X | X | X | X |
| Drain and refill automatic transmission fluid. Replace filter and adjust bands.* | | | | | X |
| Rotate tires. | | X | | X | |
| **Inspect engine air cleaner filter.** | | | | | X |
| Change rear axle fluid. | | | | | X |
| Inspect brake linings. | | | | X | |
| Inspect auto tension drive belt and replace if required. | | | | | X |

| **Miles (Kilometers)** | **78,000 (125 000)** | **81,000 (130 000)** | **84,000 (134 000)** | **87,000 (139 000)** | **90,000 (144 000)** |
|---|---|---|---|---|---|
| Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first. | X | X | X | X | X |
| Drain and refill automatic transmission fluid. Replace filter and adjust bands. | | | | | X |
| Rotate tires. | X | | X | | X |
| Change rear axle fluid. | | | | | X |
| Inspect brake linings. | | | X | | |
| **Inspect engine air cleaner filter, replace if necessary.** | | | | | X |
| **Replace spark plugs.** | | | | | X |
| **Inspect PCV valve, replace as necessary.** | | | | | X* |
| Inspect auto tension drive belt and replace if required. | | | | | X‡ |

| **Miles (Kilometers)** | **93,000 (149 000)** | **96,000 (154 000)** | **99,000 (158 000)** | **100,000 (160 000)** | **102,000 (163 000)** |
|---|---|---|---|---|---|
| Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first. | X | X | X | | X |
| Rotate tires. | | X | | | X |
| Flush and replace engine coolant. | | | | | X |
| Flush and replace Power Steering Fluid. | | | | X | |
| Inspect brake linings. | | X | | | |

| **Miles (Kilometers)** | **105,000 (168 000)** | **108,000 (173 000)** | **111,000 (178 000)** | **114,000 (182 000)** | **117,000 (187 000)** | **120,000 (192 000)** |
|---|---|---|---|---|---|---|
| Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first. | X | X | X | X | X | X |
| Drain and refill automatic transmission fluid. Replace filter and adjust bands.* | X | | | | | |
| Drain and refill automatic transmission fluid. Replace filter and adjust bands. | | | | | | X |
| Rotate tires. | | X | | X | | X |
| Change rear axle fluid. | X | | | | | X |
| Inspect brake linings. | | X | | | | X |
| **Inspect engine air cleaner filter, replace if necessary.** | X | | | | | X |
| **Replace spark plugs.** | | | | | | X |
| **Replace ignition cables.** | | | | | | X |
| **Inspect and replace, if necessary, the PCV valve.** | | | | | | X* |

| Miles<br>(Kilometers) | 105,000<br>(168 000) | 108,000<br>(173 000) | 111,000<br>(178 000) | 114,000<br>(182 000) | 117,000<br>(187 000) | 120,000<br>(192 000) |
|---|---|---|---|---|---|---|
| Inspect auto tension drive belt and replace if required. | X‡ | | | | | X‡ |

* Drain and refill automatic transmission fluid. Replace filter and adjust bands every 15, 000 miles if vehicle is used for frequent wide open throttle upshifts (For example Drag Racing).

‡ This maintenance is not required if previously replaced.

Inspection and service should also be performed anytime a malfunction is observed or suspected. Retain all receipts.

## Schedule "A"

| **Miles (Kilometers) [Months]** | **6,000 (10 000) [6]** | **12,000 (19 000) [12]** | **18,000 (29 000) [18]** | **24,000 (38 000) [24]** | **30,000 (48 000) [30]** |
|---|---|---|---|---|---|
| Change engine oil and engine oil filter. | X | X | X | X | X |
| Rotate tires. | X | X | X | X | X |
| Inspect brake linings. | | | X | | |
| **Replace engine air cleaner filter.** | | | | | X |
| **Replace spark plugs.** | | | | | X |

| **Miles (Kilometers) [Months]** | **36,000 (58 000) [36]** | **42,000 (67 000) [42]** | **48,000 (77 000) [48]** | **54,000 (84 000) [54]** | **60,000 (96 000) [60]** | **66,000 (106 000) [66]** |
|---|---|---|---|---|---|---|
| Change engine oil and engine oil filter. | X | X | X | X | X | X |
| Rotate tires. | X | X | X | X | X | X |
| Flush and replace engine coolant at 60 months, regardless of mileage. | | | | | X | |
| Inspect brake linings. | X | | | X | | |
| **Replace engine air cleaner filter.** | | | | | X | |
| **Replace spark plugs.** | | | | | X | |
| **Inspect and replace, if necessary, the PCV valve.** | | | | | X* | |
| **Replace ignition cables.** | | | | | X | |

| **Miles**<br>**(Kilometers)**<br>**[Months]** | **72,000**<br>**(115000)**<br>**[72]** | **78,000**<br>**(125 000)**<br>**[78]** | **84,000**<br>**(134 000)**<br>**[84]** | **90,000**<br>**(144 000)**<br>**[90]** | **96,000**<br>**(154 000)**<br>**[96]** | **100,000**<br>**160 000** |
|---|---|---|---|---|---|---|
| Change engine oil and engine oil filter. | X | X | X | X | X | |
| Drain and refill automatic transmission fluid. Replace filter and adjust bands. | | | | | | X |
| Rotate tires. | X | X | X | X | X | |
| Flush and replace Power Steering Fluid. | | | | | | X |
| Inspect brake linings. | X | | | X | | |
| **Replace engine air cleaner filter.** | | | | X | | |
| **Replace spark plugs.** | | | | X | | |
| **Inspect and replace, if necessary, the PCV valve.** | | | | X* | | |
| Inspect auto tension drive belt and replace if required. | | | | X | | |

| **Miles (Kilometers) [Months]** | **102,000 (163 000) [102]** | **108,000 (173 000) [108]** | **114,000 (182 000) [114]** | **120,000 (192 000) [120]** |
|---|---|---|---|---|
| Change engine oil and engine oil filter. | X | X | X | X |
| Rotate tires. | X | X | X | X |
| Flush and replace engine coolant, if not done at 60 mos. | X | | | |
| Flush and replace engine coolant, if not done at 102, 000 miles. | | | | X |
| Inspect brake linings. | | X | | |
| Inspect auto tension drive belt and replace if required. | X‡ | | | X‡ |
| **Replace ignition cables.** | | | | X |
| **Replace engine air cleaner filter.** | | | | X |
| **Replace spark plugs.** | | | | X |
| **Inspect and replace, if necessary, the PCV valve.** | | | | X* |

* This maintenance is recommended by the manufacture to the owner, but is not required to maintain the emissions warranty.

‡ This maintenance is not required if previously replaced.

Inspection and service should also be performed anytime a malfunction is observed or suspected. Retain all receipts.

**WARNING!**

**You can be badly injured working on or around a motor vehicle. Do only that service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.**