

MAINTENANCE SCHEDULES

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418 MAINTENANCE SCHEDULES

EMISSION CONTROL SYSTEM MAINTENANCE

The "Scheduled" maintenance services, listed in **bold type** on the following pages 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 (32° C).
- Trailer towing.
- 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 change your coolant every 102,000 miles (170 000 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.

420 MAINTENANCE SCHEDULES

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 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 (32° C).
- Trailer towing.
- 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 change your coolant every 102,000 miles (170 000 km) or 60 months, whichever comes first and follow schedule "B" of the "Maintenance Schedules" section of this manual.

422 SCHEDULE "B"

Miles (Kilometers)	3,000 (5 000)	6,000 (10 000)	9,000 (15 000)	12,000 (20 000)	15,000 (25 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.		X		X	
Check spare tire for proper pressure and correct stowage.		X		X	
Change front and rear axle fluid (4X4).					X
Inspect engine air cleaner filter, replace if necessary.					X

Miles (Kilometers)	18,000 (30 000)	21,000 (35 000)	24,000 (40 000)	27,000 (45 000)	30,000 (50 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.	X		X		X
Check spare tire for proper pressure and correct stowage.	X		X		X
Change front and rear axle fluid (4X4).					X
Check transfer case fluid level (4X4).					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

424 SCHEDULE "B"

Miles (Kilometers)	33,000 (55 000)	36,000 (60 000)	39, 000 (65 000)	42,000 (70 000)	45,000 (75 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.		X		X	
Check spare tire for proper pressure and correct stowage.		X		X	
Change front and rear axle fluid (4X4).					X
Inspect brake linings.		X			
Inspect engine air cleaner filter, replace if necessary.					X

Miles (Kilometers)	48,000 (80 000)	51,000 (85 000)	54,000 (90 000)	57,000 (95 000)	60,000 (100 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.	X		X		X
Check spare tire for proper pressure and correct stowage.	X		X		X
Change front and rear axle fluid (4X4).					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
Drain and refill automatic transmission fluid and change main sump filter. This applies only if your vehicle is used for police, taxi, fleet, or frequent trailer towing.					X
Inspect transfer case fluid (4X4).					X
Flush and replace engine coolant at 60 months, or 102,000 miles (170 000 km) whichever comes first.					X

426 SCHEDULE "B"

Miles (Kilometers)	63,000 (105 000)	66,000 (110 000)	69,000 (115 000)	72,000 (120 000)	75,000 (125 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	
Rotate tires.		X		X	
Check spare tire for proper pressure and correct stowage.		X		X	
Change front and rear axle fluid (4X4).					X
Inspect brake linings.				X	
Inspect engine air cleaner filter, replace if necessary.					X
Inspect auto tension drive belt and replace if required.					X

Miles (Kilometers)	78,000 (130 000)	81,000 (135 000)	84,000 (140 000)	87,000 (145 000)	90,000 (150 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.	X		X		X
Check spare tire for proper pressure and correct stowage.	X		X		X
Change front and rear axle fluid (4X4).					X
Check transfer case fluid level (4X4).					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

428 SCHEDULE "B"

Miles (Kilometers)	93,000 (155 000)	96,000 (160 000)	99,000 (165 000)	102,000 (170 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X
Rotate tires.		X		X
Check spare tire for proper pressure and correct stowage.		X		X
Flush and replace engine coolant, if not replaced at 60 months.				X

Miles (Kilometers)	105,000 (175 000)	108,000 (180 000)	111,000 (185 000)	114,000 (190 000)	117,000 (195 000)	120,000 (200 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X	X
Rotate tires.		X		X		X
Check spare tire for proper pressure and correct stowage.		X		X		X
Change front and rear axle fluid (4X4).	X					X
Inspect brake linings.		X				
Inspect engine air cleaner filter, replace if necessary.	X					X
Replace spark plugs.						X
Inspect PCV valve, replace as necessary.**						X
Inspect auto tension drive belt and replace if required.	X					X

430 SCHEDULE "B"

Miles (Kilometers)	105,000 (175 000)	108,000 (180 000)	111,000 (185 000)	114,000 (190 000)	117,000 (195 000)	120,000 (200 000)
Drain and refill automatic transmission fluid and change main sump filter and spin-on cooler return filter if equipped. This applies only if your vehicle is used for police, taxi, fleet, or frequent trailer towing.						X
Flush and replace engine coolant at 120 months, if not replaced at 102,000 miles (170 000 km).						X

Miles (Kilometers)	123,000 (205 000)	126,000 (210 000)	129,000 (215 000)	132,000 (220 000)	135,000 (225 000)	138,000 (230 000)
Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first.	X	X	X	X	X	X
Rotate tires.		X		X		X
Check spare tire for proper pressure and correct stowage.		X		X		X
Change front and rear axle fluid (4X4).					X	
Inspect brake linings.		X				
Inspect engine air cleaner filter, replace if necessary.					X	
Inspect auto tension drive belt and replace if required.					X	

432 SCHEDULE "B"

Miles (Kilometers)	141,000 (235 000)	144,000 (240 000)	147,000 (245 000)	150,000 (250 000)
Change engine oil and engine oil filter at interval shown or 3 months, whichever comes first.	X	X	X	X
Rotate tires.		X		X
Check spare tire for proper pressure and correct stowage.		X		X
Drain and refill transfer case fluid (4X4).				X
Change front and rear axle fluid (4X4).				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

SCHEDULE "B"
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Miles (Kilometers)	141,000 (235 000)	144,000 (240 000)	147,000 (245 000)	150,000 (250 000)
Drain and refill automatic transmission fluid and change main sump filter and spin-on cooler return filter if equipped. This applies only if your vehicle is used for police, taxi, fleet, or frequent trailer towing.				X
Flush and replace engine coolant if not replaced at 120,000 miles (200 000 km).				X

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

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

434 SCHEDULE "A"

Schedule "A"

Miles (Kilometers) [Months]	6,000 (10 000) [6]	12,000 (20 000) [12]	18,000 (30 000) [18]	24,000 (40 000) [24]	30,000 (50 000) [30]
Change engine oil and engine oil filter.	X	X	X	X	X
Rotate tires.	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X	X
Check transfer case fluid level (4X4).					X
Inspect brake linings.			X		
Inspect engine air cleaner filter, replace as necessary.					X
Replace spark plugs.					X

Miles (Kilometers) [Months]	36,000 (60 000) [36]	42,000 (70 000) [42]	48,000 (80 000) [48]	54,000 (90 000) [54]	60,000 (100 000) [60]	66,000 (110 000) [66]
Change engine oil and engine oil filter.	X	X	X	X	X	X
Rotate tires.	X	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X		X	X
Check transfer case fluid level (4X4).					X	
Flush and replace engine coolant at 60 months, if not replaced at 102,000 miles (170 000 km).					X	
Inspect brake linings.	X			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	

436 SCHEDULE "A"

Miles (Kilometers) [Months]	72,000 (120 000) [72]	78,000 (130 000) [78]	84,000 (140 000) [84]	90,000 (150 000) [90]	96,000 (160 000) [96]
Change engine oil and engine oil filter.	X	X	X	X	X
Rotate tires.	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X	X
Check transfer case fluid level (4X4).				X	
Inspect brake linings.	X			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) [Months]	102,000 (170 000) [102]	108,000 (180 000) [108]	114,000 (190 000) [114]	120,000 (200 000) [120]
Change engine oil and engine oil filter.	X	X	X	X
Rotate tires.	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X
Check transfer case fluid (4X4).				X
Flush and replace engine coolant, if not replaced at 60 months.	X			
Flush and replace engine coolant, if not replaced at 102,000 miles (170 000 km).				X
Inspect brake linings.		X		
Inspect engine air cleaner filter, replace as necessary.				X
Replace spark plugs.				X
Inspect PCV valve, replace as necessary.**				X
Inspect auto tension drive belt and replace if required.				X

438 SCHEDULE "A"

Miles (Kilometers) [Months]	126,000 (210 000) [126]	132,000 (220 000) [132]	138,000 (230 000) [138]	144,000 (240 000) [144]	150,000 (250 000) [150]
Change engine oil and engine oil filter.	X	X	X	X	X
Rotate tires.	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X	X
Drain and refill transfer case fluid (4X4).					X
Flush and replace engine coolant, if not replaced at 120,000 miles (200 000 km).					X
Inspect brake linings.	X			X	
Inspect auto tension drive belt and replace if required.					X
Inspect engine air cleaner filter, replace if necessary.					X
Replace spark plugs.					X
Inspect PCV Valve, replace as necessary. **					X

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

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

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.