

MAINTENANCE SCHEDULES

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448 MAINTENANCE SCHEDULES

EMISSION CONTROL SYSTEM MAINTENANCE

The “Scheduled” maintenance services, listed in **bold type** 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.

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.

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; add as needed.

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- 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 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. Change the automatic transmission fluid and filter every 60,000 miles (96 000 km) if the vehicle is usually operated under one or more of the conditions marked with an ◇.

- 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.

452 SCHEDULE "B"

Miles (Kilometers)	3, 000 (5 000)	6, 000 (10 000)	9, 000 (15 000)	12, 000 (20 000)	15, 000 (25 000)	18, 000 (30 000)
Change engine oil and engine oil filter.	X	X	X	X	X	X
Rotate Tires		X		X		X
Inspect the brake linings.			X			X
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X	X		X
Replace the engine air cleaner filter. *					X	
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.					X	
Inspect the generator belt on 2.4 liter engines, replace if necessary.					X	
Replace the air conditioning filter.				X		

Miles (Kilometers)	21, 000 (35 000)	24, 000 (40 000)	27, 000 (45 000)	30, 000 (50 000)	33, 000 (55 000)	36, 000 (60 000)
Change engine oil and engine oil filter.	X	X	X	X	X	X
Rotate Tires		X		X		X
Inspect the brake linings.			X			X
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X		X	X
Replace the engine air cleaner filter .				X		
Replace the spark plugs 2.4 liter engines.				X		
Inspect the tie rod ends and boot seals.				X		
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.				X		
Inspect the generator belt on 2.4 liter engines, replace if necessary.				X		
Inspect the PCV valve and replace as necessary.*				X		
Replace the air conditioning filter.		X				X

454 SCHEDULE "B"

Miles (Kilometers)	39, 000 (65 000)	42, 000 (70 000)	45, 000 (75 000)	48, 000 (80 000)	51, 000 (85 000)	54, 000 (90 000)
Change engine oil and engine oil filter.	X	X	X	X	X	X
Rotate Tires		X		X		X
Inspect the brake linings.			X			X
Inspect the engine air cleaner filter, replace if necessary. *	X	X		X	X	X
Replace the engine air cleaner filter. *			X			
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.			X			
Inspect the generator belt on 2.4 liter engines, replace if necessary.			X			
Replace the air conditioning filter.				X		

Miles (Kilometers)	57, 000 (95 000)	60, 000 (100 000)	63, 000 (105 000)	66, 000 (110 000)	69, 000 (115 000)	72, 000 (120 000)
Change engine oil and engine oil filter.	X	X	X	X	X	X
Rotate Tires		X		X		X
Inspect the brake linings.			X			X
Inspect the engine air cleaner filter, replace if necessary. *	X		X	X	X	X
Replace the engine air cleaner filter .		X				
Replace the spark plugs on 2.4 liter engines.		X				
Replace the ignition cables on 2.4 liter engines.		X				
Inspect the tie rod ends and boot seals.		X				
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.		X				
Inspect the generator belt on 2.4 liter engines, replace if necessary.		X				
Inspect the PCV valve and replace if necessary.*		X				
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary.		X				
Change the automatic transmission fluid and filter. ◇		X				
Replace the air conditioning filter.		X				X

456 SCHEDULE "B"

Miles (Kilometers)	75, 000 (125 000)	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.	X	X	X	X	X	X
Rotate Tires		X		X		X
Inspect the brake linings.			X			X
Inspect the engine air cleaner filter, replace if necessary. *		X	X	X	X	
Replace the engine air cleaner filter	X					X
Replace the spark plugs on 3.3 liter and 3.8 liter engines.	X					
Replace the ignition cables on 3.3 liter and 3.8 liter engines.	X					
Replace the spark plugs on 2.4 liter engines.						X
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.	X					X
Inspect the generator belt on 2.4 liter engines, replace if necessary.	X					X
Inspect the tie rod ends and boot seals.						X

Miles (Kilometers)	75, 000 (125 000)	78, 000 (130 000)	81, 000 (135 000)	84, 000 (140 000)	87, 000 (145 000)	90, 000 (150 000)
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary. ‡	X					X
Check the PCV valve and replace if necessary. Not required if previously changed.*						X
Replace the engine timing belt on 2.4 liter engines. *						X
Replace the air conditioning filter.				X		

458 SCHEDULE "B"

Miles (Kilometers)	93, 000 (155 000)	96, 000 (160 000)	99, 000 (165 000)	102, 000 (170 000)	105, 000 (175 000)
Change engine oil and engine oil filter.	X	X	X	X	X
Rotate Tires		X		X	
Inspect the brake linings.			X		
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X	X	
Replace the engine air cleaner filter *					X
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.					X
Inspect the generator belt on 2.4 liter engines, replace if necessary.					X
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary. ‡					X
Flush and replace the engine coolant.				X	
Replace the air conditioning filter.		X			

Miles (Kilometers)	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.	X	X	X	X	X
Rotate Tires	X		X		X
Inspect the brake linings.	X			X	
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X	X	
Replace the engine air cleaner filter .					X
Replace the spark plugs on 2.4 liter engines.					X
Replace the ignition cables on 2.4 liter engines.					X
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.					X
Inspect the generator belt on 2.4 liter engines, replace if necessary.					X
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary. ‡					X
Inspect the tie rod ends and boot seals.					X
Inspect the PCV valve and replace as necessary.*					X
Change the automatic transmission fluid and filter. ◇					X
Replace the air conditioning filter.	X				X

460 SCHEDULE "B"

Miles (Kilometers)	123, 000 (205 000)	126, 000 (210 000)	129, 000 (215 000)	132, 000 (220 000)	135, 000 (225 000)
Change engine oil and engine oil filter.	X	X	X	X	X
Rotate Tires		X		X	
Inspect the brake linings.		X			X
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X	X	
Replace the engine air cleaner filter .					X
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.					X
Inspect the generator belt on 2.4 liter engines, replace if necessary.					X
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary. ‡					X
Replace the air conditioning filter.				X	

Miles (Kilometers)	138, 000 (230 000)	141, 000 (235 000)	144, 000 (240 000)	147, 000 (245 000)	150, 000 (250 000)
Change engine oil and engine oil filter.	X	X	X	X	X
Rotate Tires	X		X		X
Inspect the brake linings.			X		
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X	X	
Replace the engine air cleaner filter .					X
Replace the spark plugs on 2.4 liter, 3.3 liter and 3.8 liter engines.					X
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.					X
Inspect the generator belt on 2.4 liter engines, replace if necessary.					X
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary. ‡					X

462 SCHEDULE "B"

Miles (Kilometers)	138, 000 (230 000)	141, 000 (235 000)	144, 000 (240 000)	147, 000 (245 000)	150, 000 (250 000)
Inspect the tie rod ends and boot seals.					X
Inspect the PCV valve and replace as necessary.*					X
Replace the air conditioning filter.			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.

◇ This maintenance is required only for police, taxi, limousine type operation, or trailer towing.

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 (20 000) [12]	18, 000 (30 000) [18]	24, 000 (40 000) [24]	30, 000 (50 000) [30]	36, 000 (60 000) [36]
Change engine oil and engine oil filter.	X	X	X	X	X	X
Rotate Tires	X	X	X	X	X	X
Inspect the brake linings.			X			X
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X	X		X
Replace the engine air cleaner filter .					X	
Replace the spark plugs on 2.4 liter engines.					X	
Inspect the tie rod ends and boot seals.					X	
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.					X	
Replace the air conditioning filter.		X		X		X

464 SCHEDULE "A"

Miles (Kilometers) [Months]	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]	72, 000 (120 000) [72]
Change engine oil and engine oil filter.	X	X	X	X	X	X
Rotate Tires	X	X	X	X	X	X
Inspect the brake linings.			X			X
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X		X	X
Replace the engine air cleaner filter .				X		
Replace the spark plugs on 2.4 liter engines.				X		
Replace the ignition cables 2.4 liter engines.				X		
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.				X		
Inspect the tie rod ends and boot seals.				X		
Inspect the generator belt on 2.4 liter engines, replace if necessary.	X					X

Miles (Kilometers) [Months]	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]	72, 000 (120 000) [72]
Check the PCV valve and replace, if necessary.*				X		
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary. ‡				X		X
Flush and replace the engine coolant at 60 months or 100,000 miles, whichever comes first.				X		
Replace the air conditioning filter.		X		X		X

466 SCHEDULE "A"

Miles (Kilometers) [Months]	78, 000 (130 000) [78]	84, 000 (140 000) [84]	90, 000 (150 000) [90]	96, 000 (160 000) [96]	100, 000 (165 000)
Change engine oil and engine oil filter.	X	X	X	X	
Rotate Tires	X	X	X	X	
Inspect the brake linings.			X		
Inspect the engine air cleaner filter, replace if necessary. *	X	X		X	X
Replace the engine air cleaner filter .			X		
Replace the spark plugs on 2.4 liter engines.			X		
Inspect the tie rod ends and boot seals.			X		
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.			X		
Check and replace the PCV valve , if necessary.*			X		
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary. ‡			X		

Miles (Kilometers) [Months]	78, 000 (130 000) [78]	84, 000 (140 000) [84]	90, 000 (150 000) [90]	96, 000 (160 000) [96]	100, 000 (165 000)
Replace the spark plugs 3.3 liter and 3.8 liter engines.					X
Replace the ignition cables 3.3 liter and 3.8 liter engines.					X
Flush and replace the engine coolant at 60 months or 100,000 miles, whichever comes first.					X
Replace the air conditioning filter.		X		X	

468 SCHEDULE "A"

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
Inspect the brake linings.		X		
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X	
Replace the engine air cleaner filter .				X
Replace the spark plugs on 2.4 liter engines.				X
Replace the ignition cables 2.4 liter engines.				X
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.				X
Inspect the generator belt on 2.4 liter engines, replace if necessary.	X			
Inspect the tie rod ends and boot seals.				X
Check the PCV valve and replace, if necessary.*				X

Miles (Kilometers) [Months]	102, 000 (170 000) [102]	108, 000 (180 000) [108]	114, 000 (190 000) [114]	120, 000 (200 000) [120]
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary. ‡	X			X
Replace the engine timing belt on 2.4 liter engines only.				X
Flush and replace the engine coolant at 120 months, if not done at 100,000 miles (160 000 km).				X
Replace the air conditioning filter.		X		X

470 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
Inspect the brake linings.	X			X	
Inspect the engine air cleaner filter, replace if necessary. *	X	X	X	X	
Replace the engine air cleaner filter .					X
Replace the spark plugs on 2.4 liter engines.					X
Inspect and adjust the power steering pump belt tension on 2.4 liter engines.					X
Inspect the generator belt on 2.4 liter engines, replace if necessary.		X			
Inspect the tie rod ends and boot seals.					X
Check the PCV valve and replace, if necessary.*					X

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]
Inspect the serpentine drive belt on 3.3 liter and 3.8 liter engines, replace if necessary. ‡		X		X	
Replace the air conditioning filter.		X		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.