

MAINTENANCE SCHEDULES

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416 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: 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: 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.

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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 bottle, brake master cylinder and transmission, 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 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.

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.

420 SCHEDULE "B"

Miles (Kilometers)	3, 000 (5 000)	6, 000 (10 000)	9, 000 (14 000)	12, 000 (19 000)	15, 000 (24 000)	18, 000 (29 000)
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	
Change the All Wheel Drive (AWD) power transfer unit fluid. (See note at the end of this chart)					X	
Replace the air conditioning filter.				X		

Miles (Kilometers)	21, 000 (34 000)	24, 000 (38 000)	27, 000 (43 000)	30, 000 (48 000)	33, 000 (53 000)	36, 000 (58 000)
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 the tie rod ends and boot seals. (Front & Rear)				X		
Inspect the PCV valve and replace as necessary.*				X		
Change the All Wheel Drive (AWD) power transfer unit fluid. (See note at the end of this chart)				X		
Change the All Wheel Drive (AWD) rear carrier fluid. (See the note at the end of this chart)	X					
Replace the air conditioning filter.		X				X

422 SCHEDULE "B"

Miles (Kilometers)	39, 000 (62 000)	42, 000 (67 000)	45, 000 (72 000)	48, 000 (77 000)	51, 000 (82 000)	54, 000 (86 000)
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			
Change the All Wheel Drive power transfer unit fluid. (See the note at the end of this chart.)			X			
Change the All Wheel Drive (AWD) rear carrier fluid. (See note at the end of this chart)		X				
Replace the air conditioning filter.				X		

Miles (Kilometers)	57, 000 (91 000)	60, 000 (96 000)	63, 000 (101 000)	66, 000 (106 000)	69, 000 (110 000)	72, 000 (115 000)
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 the tie rod ends and boot seals. (Front & Rear)		X				
Inspect the PCV valve and replace if necessary.*		X				
Inspect the serpentine drive belt, replace if necessary. ‡		X				
Change the automatic transmission fluid and filter.		X				
Change the All Wheel Drive (AWD) power transfer unit fluid. (See note at the end of this chart)		X		X		
Change the All Wheel Drive (AWD) rear carrier fluid. (See note at the end of this chart)			X			
Replace the air conditioning filter.		X				X

424 SCHEDULE "B"

Miles (Kilometers)	75, 000 (120 000)	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.	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 .	X					
Inspect the tie rod ends and boot seals. (Front & Rear)						X
Check the PCV valve and replace if necessary. Not required if previously changed.*						X
Inspect the serpentine drive belt, replace if necessary. ‡	X					X
Change the All Wheel Drive power transfer unit fluid. (See the note at the end of this chart.)	X					X
Change the All Wheel Drive (AWD) rear carrier fluid. (See note at the end of this chart)				X		
Replace the air conditioning filter.				X		

Miles (Kilometers)	93, 000 (149 000)	96, 000 (154 000)	99, 000 (158 000)	100, 000 (160 000)	102, 000 (163 000)	105, 000 (168 000)
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
Replace engine timing belt.						X
Change the All Wheel Drive (AWD) power transfer unit fluid. (See note at the end of this chart)						X
Change the All Wheel Drive (AWD) rear carrier fluid. (See note at the end of this chart)						X
Inspect the serpentine drive belt, replace if necessary. ‡						X
Flush and replace the engine coolant.					X	
Replace the air conditioning filter.		X				
Engine Coolant — Flush and replace at 5 years or 100,000 miles whichever occurs first.				X		

426 SCHEDULE "B"

Miles (Kilometers)	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.	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
Inspect the tie rod ends and boot seals. (Front & Rear)					X
Inspect the PCV valve and replace as necessary.*					X
Inspect the serpentine drive belt, replace if necessary. ‡					X
Change the automatic transmission fluid and filter.					X
Change the All Wheel Drive (AWD) power transfer unit fluid. (See note at the end of this chart)					X
Replace the air conditioning filter.	X				X

Miles (Kilometers)	123, 000 (197 000)	126, 000 (202 000)	129, 000 (206 000)	132, 000 (211 000)	135, 000 (216 000)
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 the serpentine drive belt, replace if necessary. ‡					X
Change the All Wheel Drive (AWD) power transfer unit fluid. (See note at the end of this chart)					X
Change the All Wheel Drive (AWD) rear carrier fluid. (See note at the end of this chart)		X			
Replace the air conditioning filter.				X	

428 SCHEDULE "B"

Miles (Kilometers)	138, 000 (221 000)	141, 000 (226 000)	144, 000 (230 000)	147, 000 (235 000)	150, 000 (240 000)
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 .					X
Inspect the serpentine drive belt, replace if necessary. ‡					X
Inspect the tie rod ends and boot seals. (Front & Rear)					X
Inspect the PCV valve and replace as necessary.*					X
Change the All Wheel Drive (AWD) power transfer unit fluid. (See note at the end of this chart)					X

Miles (Kilometers)	138, 000 (221 000)	141, 000 (226 000)	144, 000 (230 000)	147, 000 (235 000)	150, 000 (240 000)
Change the All Wheel Drive (AWD) rear carrier fluid. (See note at the end of this chart)				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.

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

NOTE: The AWD power transfer unit fluid and the AWD rear carrier fluid must be changed at the more frequent intervals shown in schedule B if the vehicle is operated under any of the conditions noted by a diamond (◇) at the beginning of the schedule.

430 SCHEDULE "A"

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]	36, 000 (58 000) [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	
Inspect the tie rod ends and boot seals. (Front & Rear)					X	
Replace the air conditioning filter.		X		X		X

Miles (Kilometers) [Months]	42, 000 (67 000) [42]	48, 000 (77 000) [48]	54, 000 (86 000) [54]	60, 000 (96 000) [60]	66, 000 (106 000) [66]	72, 000 (115 000) [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		
Inspect the tie rod ends and boot seals. (Front & Rear)				X		
Check the PCV valve and replace, if necessary.*				X		
Inspect the serpentine drive belt, replace if necessary. ‡				X		X
Flush and replace the engine coolant at 60 months or 100,000 miles, whichever occurs first.				X		
Replace the air conditioning filter.		X		X		X

432 SCHEDULE "A"

Miles (Kilometers) [Months]	78, 000 (125 000) [78]	84, 000 (134 000) [84]	90, 000 (144 000) [90]	96, 000 (154 000) [96]	100, 000 (160 000)
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		
Inspect the tie rod ends and boot seals. (Front & Rear)			X		
Check and replace the PCV valve , if necessary.*			X		
Inspect the serpentine drive belt, replace if necessary. ‡			X		
Replace the spark plugs .					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	

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
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 engine timing belt.	X			
Inspect the tie rod ends and boot seals. (Front & Rear)				X
Check the PCV valve and replace, if necessary.*				X
Inspect the serpentine drive belt, replace if necessary. ‡	X			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

434 SCHEDULE "A"

Miles (Kilometers) [Months]	126, 000 (202 000) [126]	132, 000 (211 000) [132]	138, 000 (221 000) [138]	144, 000 (230 000) [144]	150, 000 (240, 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
Inspect the tie rod ends and boot seals. (Front & Rear)					X
Check the PCV valve and replace, if necessary.*					X
Inspect the serpentine drive belt, 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.