

Explanation of Maintenance Items

The following descriptions are provided to give you a better understanding of the maintenance items that should be performed on your vehicle. The Scheduled Maintenance Log indicates at which mileage/time intervals each item should be performed. Please note that many maintenance items should be performed only by a qualified technician.

For further information on maintenance items you can perform yourself, see the “General Maintenance and Care” and “Do-It-Yourself Maintenance” sections of your *Owner’s Manual*.

Automatic Transmission Fluid or Manual Transmission Oil

Inspect each component for signs of leakage. If you discover any leakage, have it repaired by a qualified technician immediately.

Ball Joints and Dust Covers

Check the suspension and steering linkage ball joints for looseness and damage. Check all dust covers for deterioration and damage. A qualified technician should perform these inspections.

Brake Lines and Hoses

Visually inspect for proper installation. Check for chafing, cracks, deterioration and evidence of leaking. Replace any deteriorated or damaged parts immediately. A qualified technician should perform these operations.

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Brake Linings/Drums and Brake Pads/Discs

Check the brake linings (shoes) and drums for scoring, burning, fluid leakage, broken parts and excessive wear. Check the pads for excessive wear and the discs for runout, excessive wear and fluid leakage. A qualified technician should perform these inspections.

Charcoal Canister (CA, MA and NY vehicles)

Check for internal damage and clogging. If necessary, clean with compressed air or replace. A qualified technician should perform these operations.

Differential Oil

Inspect each component for signs of leakage. If you discover any leakage, have it repaired by a qualified technician immediately.

Drive Belts

Inspect for cracks, excessive wear and oiliness. Check the belt tension and adjust if necessary. Replace the belts if they are damaged.

Drive Shaft Boots

Check the drive shaft boots and clamps for cracks, deterioration and damage. Replace any damaged parts and, if necessary, repack the grease. Selected models also require periodic inspection of the flange bolts for proper torque. A qualified technician should perform these operations.

Engine Air Filter

Check for damage, excessive wear and oiliness. Replace if necessary.

Engine Coolant

Drain and flush the cooling system and refill with an ethylene-glycol type coolant. A qualified technician should perform this operation.

Engine Oil and Oil Filter

Change the oil filter and replace the engine oil with API SH, Energy-Conserving II multigrade or ILSAC multigrade oil. For recommended viscosity, refer to your *Owner's Manual*.

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Engine Valves

Inspect for excessive lifter noise and engine vibration and adjust if necessary. A qualified technician should perform this operation.

Exhaust Pipes and Mountings

Visually inspect the exhaust pipes, muffler and hangers for cracks, deterioration and damage. Start the engine and listen carefully for any exhaust gas leakage. Tighten connections or replace parts as necessary.

Fuel Lines and Connections, Fuel Tank Band and Fuel Tank Vapor Vent System Hoses

Visually inspect for corrosion, damage, cracks and loose or leaking connections. Tighten connections or replace parts as necessary.

Fuel Tank Cap Gasket

Visually inspect for cracks, deterioration and damage and replace if necessary.

Nuts and Bolts on Chassis and Body

Re-tighten the seat mounting bolts and front/rear suspension member retaining bolts to specified torque.

Propeller Shaft

Lubricate the propeller shaft spiders and slide yokes with lithium-base chassis grease and the double cardan joint with molybdenum-disulfide lithium-base chassis grease, and re-torque the flange bolts. Only a qualified technician should re-torque the flange bolts.

Spark Plugs

Install new plugs of the same type as originally equipped. A qualified technician should perform this operation.

Steering Gear Box

Inspect for signs of leakage. If you discover any leakage, have it repaired immediately by a qualified technician.

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Steering Linkage

With the vehicle stopped, check for excessive freeplay in the steering wheel. Inspect the linkage for bending and damage and the dust boots for deterioration, cracks and damage. Replace any damaged parts. A qualified technician should perform these operations.

Timing Belt

Replace every 90,000 miles. A qualified technician should perform this operation.

Tire Rotation

Tires should be rotated according to the instructions in the *Owner's Manual*. When rotating tires, check for damage and uneven wear.

Transfer Case Oil

Inspect each component for signs of leakage. If you discover any leakage, have it repaired by a qualified technician immediately.

Wheel Bearing and Drive Shaft Bushing Grease

Repack the wheel bearings with wheel bearing grease and the front drive shaft bushings with molybdenum-disulfide lithium-base chassis grease. A qualified technician should perform these operations.