



Unnecessary Maintenance Expenses

In normal usage, GM vehicles do not require additional procedures or additives beyond what is presented in your vehicle's maintenance schedule.

Maintenance schedules do not call for flushing of the engine crankcase, fuel injectors, air conditioning systems, radiators, transmission coolers, brake systems, or power steering systems as part of routine maintenance.

Fluid flushing equipment for the above is specifically designed to aid and accelerate fluid changing when required, as part of a specific repair. For example, if your air-conditioning system suffered a catastrophic failure or extreme corrosion, then, and only then, system evacuation is needed.

Under normal circumstances, fuel injector cleaning is not part of required routine maintenance. If your SERVICE ENGINE SOON light comes on, and through qualified diagnosis a repair that necessitates injector cleaning is called for, then it is appropriate.

Crankcase (engine oil pan) flushing is not endorsed or recommended for any GM gasoline or diesel engines. In fact, some chemicals used in this process may be incompatible with internal engine components and may damage engine seals and bearings. This damage would not be covered by the vehicle's warranty.

In years past, one of the leading causes for engine oil degradation or escalation of sludge deposits was condensation, largely caused by open-air engine breather systems. Today's breather systems are computer-controlled and are highly effective. In addition, engine oil detergents as well as fuel additives have made remarkable technological advancements. Therefore, we recommend that your vehicle be maintained in accordance with the provided GM maintenance manual, which does not require the above service.

Haven't we all heard "Your vehicle has 40-50,000 miles now and you are due for a transmission service?" Or "To get your vehicle ready for the harsh upcoming winter or hot summer, you'll need to get your transmission oil serviced?"

A GM Owner's Manual will guide you to what is needed and when. Although the selected sample applies to most GM vehicles, please refer to your specific vehicle Owner's Manual for any exceptions.

- Under normal conditions, change the fluid and filter at 100,000 miles (166,000 km)
- Change automatic transaxle fluid and filter at 50,000 miles if the vehicle is mainly driven under one or more of the conditions below:
 - When doing frequent trailer towing
 - Uses such as found in taxi, police or delivery service
 - In heavy city traffic where the outside temperature regularly reaches 90°F (32°C) or higher
 - In hilly or mountainous terrain