

The IMPORTANCE of **FLUSHING**

There are five main fluids your vehicle needs to remain healthy. Over time, fluids get contaminated and cause corrosion. Flushing those out and refilling with clean, fresh fluid keeps your car safe and healthy. We call them the ROYAL FLUSH. Here is a breakdown of the fluids and the importance they have:

COOLING SYSTEM FLUID: This fluid keeps your car from overheating. Rust and scale deposits build up. If they aren't flushed out they can cause damage to the radiator, heater core, water pump, head gaskets, freeze plugs and heater hoses. This fluid should be changed as needed, about every 2 years or so, but the fluid will need occasional refills throughout the life of the vehicle.

POWER STEERING FLUID: Should be changed every 2 years. If you notice stiffness in the steering wheel or squealing it needs to be looked at right away. As vehicles age tiny pieces of metal or rubber can build up in the fluid.

AUTOMATIC TRANSMISSION FLUID: If you drive a stick shift you don't need to worry about this one. If you notice a burnt smell or your car isn't shifting smoothly, the fluid can elevate above the normal temperature. The fluid oxidizes, turning brown and smelling burnt. I recommend changing about every 2 years.

FUEL INJECTION SYSTEM: A pinging noise, poor acceleration or repeated stalling is your clue that your car might be begging for a fuel injection cleaning. Each time you shut off your vehicle, unburned fuel sticks on car parts and eventually they turn into large carbon deposits. This causes poor fuel economy, harmful exhaust and could even lead to a faulty engine. I recommend this system be cleaned every 2 years or so.

BRAKE FLUID: If your car's brakes are "grabbing or squealing" they need a good flush. Brake fluid absorbs moisture and converts it to a thicker substance that corrodes all metal parts of the hydraulic system. Flushing every 2 years keeps it fresh.

WHAT DO HUMANS AND CARS HAVE IN COMMON? Think of it this way, when it comes to fluids, our cars' needs are similar to those of the human body. We need to keep our systems flushed with water to keep our bodies running well, while at the same time flushing out harmful toxins. Water keeps us hydrated and running well.

RECEIVE A \$50.00 GIFT CARD!

We grow our business through referrals from our good customers like you. Please tell your family & friends about us! When one of them comes in for service or repair and brings in this newsletter we will give YOU a \$50 gift card to a local restaurant. It is our way of saying THANK YOU for your trust in us!

This offer has been so well received that we have decided to extend it for the FULL YEAR!

Expires 12/31/11. Not valid with any other offer.

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How to have a **LEAN MEAN** Driving Machine

Cars are built better than ever these days and give us miles of service. Keeping them healthy is important and extends their life.

OIL IS THEIR LIFEBLOOD. Dirty oil makes it harder for your engine to turn over and causes premature engine wear.

BELTS AND HOSES are made of very durable material with relatively long lives but they do deteriorate over time. We recommend a four year replacement cycle.

LEAKS are not normal except for condensation from your air conditioner. 11 different fluids keep your car running; brake fluid, antifreeze, engine oil, power steering fluid, air conditioner refrigerant, shock absorber fluid, battery electrolyte, windshield washer solvent, rear axle or CV boot lubricant and fuel. If any of these leaks, they need to be fixed right away.

TIRES need to be kept properly inflated to save gas and tire wear and rotated every six months.

COOLANT, when neglected can corrode and leave sediment throughout your cooling system causing clogging that results in damaging hot spots that can harm your engine. Flushing every two years is recommended.

THE BATTERY needs to have the cables securely attached and free of corrosion in order to get power to the starter and accessories so the alternator receives a charge.

Keep your car lean and mean by getting it serviced regularly.

John Tosti
Owner

HAPPY MOTORING!

I HEAR IT ALL THE TIME...

"I REALLY LIKE MY CAR BUT IT IS GETTING CLOSE TO 100K MILES. SO I HAVE TO START LOOKING FOR ANOTHER ONE."

NOT TRUE!

**PREVENTIVE MAINTENANCE
will keep you together a long, long time!**

With proper care and preventive maintenance, some cars have gone way past 400,000 miles. Many of the 1950's and 1960's Hot Rods that collector's cherish so much are still going strong and there are many more other models out there doing the same.

ALL IT TAKES IS SOME T.L.C.!

A car is highly complex with many components and each of these components has a lifespan. If taken care of, the lifespan can be extended. Many cars have exceeded 400,000 miles and according to Wikipedia some have even reached 1,000,000 miles. For many of these, the efforts of maintenance have not been excessively costly. Here is a list by Joseph Younger (author of "How to keep your car going....and going." AAA's Car & Travel Magazine).

"10 SECRETS" FOR LONG CAR LIFE

1. Regular oil changes
2. Monitor key fluids
3. Maintain the Transmission
4. Change Plugs when required
5. Watch and Care for Belts
6. Do not forget the Radiator
7. Remember the Filters
8. Fight Rust
9. Know & Use your maintenance Manual
10. Drive Conservatively

ECONOMICALLY SPEAKING

Even if your car needs to have a transmission rebuild, you would still save more money than if you bought a new transmission. It would extend the life of your car, increase fuel efficiency and reduce carbon emissions (Kasmer, wikipedia.org). Keeping a car past 200,000 miles can save you up to \$30,000 dollars or more, versus buying a new car every 3 to 5 years.

Today's cars are built better than in past years; rust proofing, advanced motor oils and better engineered engines make keeping your car a long time a good choice financially.

YOUR OWNER'S MANUAL

Follow your owner's manual's scheduled maintenance list. **DO NOT** put off service and repairs. Cars, Pick-Ups and SUVs can all last a long time if you follow the manual's recommendations.

If you cannot find your owner's manual or are not sure what services are needed and when, just ask us. We have the ability to track your owner's manual's maintenance schedule electronically for you. We are glad to help.