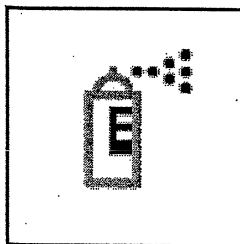
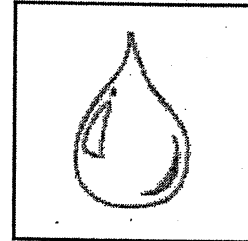


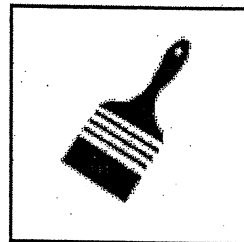
Suggestions for solving many common door and window problems may be found in our doors and windows article; as well as tips on caulking doors and windows, and instructions on how to replace window glass and screens.

Do you have hard water? Not sure if you should believe everything that the water softener salesperson tells you? We have some pointers, tips and just plain facts about water softeners.



Indoor air pollutants are not new. In well-ventilated homes, these indoor pollutants are found at very low levels. With the move to more energy efficient housing, indoor air pollutants and the resulting negative effects on human health and well-being have intensified. We have some suggestions to help solve or lessen the possibility of indoor air quality problems.

Lead can be found in the dust, paint, and soil inside and around your home, in your food, and in your drinking water - you probably don't know it because you cannot see, taste, nor smell the lead. Lead exposure is especially harmful to young children and babies before they are born. Adults and healthy children are at less risk but can still have high levels of lead. Find out how to reduce your family's risk of lead exposure.



**Suggested Automotive Maintenance Schedule**

The service procedures and intervals listed here are based on averages established by manufacturers but may vary by type of vehicle.

**Every 3,000 Miles**

- Oil and filter change
- 10 point mechanical/safety inspection

**Every 6,000 miles**

- Rotate and balance tires including inspection of front and rear brake systems

**Every 12,000 miles**

- Align wheels

**Every 18,000 miles**

- Replace air and fuel filters and PCV valve

**Every 30,000 miles**

- Service automatic transmission
- Replace spark plugs and inspect wires and connectors
- Replace engine coolant, tighten and replace hoses and fasteners, as required

**Every 60,000 miles**

- Inspect and replace timing belt, if appropriate
- Check and replace shocks and/or struts, as required
- Clean, inspect and repack wheel bearings

## Wayne's Garage

HOME SERVICES TIPS ABOUT

### Recommended Service Schedule

\* Indicates footnotes.   ■ [Click here for Special Notes](#)

SERVICE	DUE BY MILEAGE	DUE BY TIME
Tune up - Major	20,000 - 30,000 *	
Lube Oil & Filter Service	3,000	4 month
Brake Inspection	15,000 - 20,000	1 yr
Automatic Transmission service	30,000	2 yr
Manual Transmission service	50,000	3 yr
Coolant change	50,000	2 yr ***
Wheel Bearing pack	30,000	
Valve Adjust (if applicable)	30,000	
Timing Belt (if applicable)	See Owner's Manual ■	6 yr
Cooling System Hoses	100,000	4-5 yr
Accessory Belts	40,000 - 60,000 **	4 yr
Idle air control service or throttle cleaning		2 yr
Brake system Flush non Anti-lock Brakes		3 yr
Brake system Flush with Anti-lock Brakes		2 yr
Power steering fluid flush	30,000 city - 60,000 highway ■	
Differential/Transaxle Service	50,000 ■	3 yr
Engine Thermostat	30,000	3 yr
Tire Rotation	5,000 - 10,000	8 months

\* Older cars with carburetor or points 20,000 miles - Fuel Injected vehicles with regular spark plugs - 30,000 miles. Many newer cars use Platinum Spark Plugs and the recommendation is 60,000 miles. Some Manufactures recommend 100,000 mile spark plug replacement (with Platinum Plugs). This does not include air and fuel filters. *(We strongly advise against this bad advise) Find out why.*

\*\* Varies by type of driving and time. Ribbed (serpentine) belts usually need replacement at 30,000 to 50,000.

\*\*\* Some newer coolants can go 5 years or 50,000 miles.

Things to Check Periodically



## WHY DO MAINTENANCE?

Studies have shown that 5 percent of all motor vehicle fatalities as well as a high percentage of automobile breakdowns are caused by automobile maintenance neglect. The following simple and inexpensive preventive checks will greatly extend the life of the vehicle, ensure safer operation and even benefit the environment.

- Always consult your owner's manual, but a good rule of thumb is to have the oil and oil filter changed regularly, every 3,000 miles.
- Have all fluids checked, including brake, power steering, transmission/transaxle, windshield washer solvent and antifreeze. These fluids play a large role in the safety and performance of the vehicle.
- Check tire inflation. Under-inflated tires can result in a loss of fuel efficiency. This is the least expensive form of preventive and safety maintenance. Tires should be checked once a month.
- Keep your engine tuned. A fouled spark plug or plugged/restricted fuel injector can reduce fuel efficiency as much as 30 percent.
- Have the chassis lubricated frequently. This step extends the life of the moving components of the vehicle's suspension system.
- Check battery cables and posts for corrosion, and clean them as needed. The battery fluid should also be checked and filled if it is low, except in the case of maintenance-free batteries.
- Have the lighting system checked frequently, including headlights, turn signals, and brake and tail lights.
- Check windshield washer blades for cracks, tears and windshield contact. Replace them approximately once a year or sooner if streaking begins.
- Inspect engine belts regularly. Worn belts will affect the engine performance. Look for cracks and missing sections or segments.
- Have the air filtration system checked frequently. The air filter should be checked approximately every other oil change for clogging or damage. This system ensures that the vehicle is performing at its peak condition.

Always consult the vehicle owner's manual for individual service schedules as manufacturer maintenance requirements vary greatly.

## **Auto Club Lists Top Ten Reasons for Car Breakdowns**

Poorly maintained tires, batteries and vehicle fluids are among the 10 most common reasons for vehicle breakdowns, according to the Automobile Club of Southern California.

Based on roadside assistance data from Auto Club contracted tow truck operators, the Club's Top Ten List of maintenance-related car breakdown causes (not necessarily ranked in order of frequency) are:

- Ignoring brake noises or warnings.
- Ignoring fluid leaks
- Ignoring dashboard warning signs or gauges
- Worn battery or bad battery connection
- Worn or cracked belts or hoses/loose hose or belt connection
- Not checking or changing fluids
- Not rotating, aligning or inflating tires.
- Worn universal/constant velocity joints on drive shaft
- Ignoring noise or vibrations from water pump
- Not changing fuel filter

"Inadequate car maintenance means increased business for tow truck operators, but it also means costly delays and repairs for motorists," said Dean Holte, manager of the Emergency Road Service program. "The Auto Club wants to remind drivers that a little time and money spent on regular maintenance goes a long way toward reducing the chances of a frustrating vehicle breakdown."

**Wayne's Garage East  
is now open  
333 Q Street in Springfield**

[Home](#)