

A well planned preventive and pre-emptive maintenance plan is your best insurance against unexpected and expensive repairs, towing charges, anxiety, aggravation and lost time (pay) from work

- Clogged air filters create a drag on the engine and reduce your fuel economy
- One bad spark plug in a four cylinder engine can cause a 5% to 25% loss in economy and potentially damage your catalytic converter
- Excess microscopic carbon particles build up in your oil and wear down engine parts if you wait too long between oil changes

- Clogged fuel injectors cause power loss, poor combustion, rough idle, stalling and harmful exhaust that can damage your catalytic converter
- Excessive carbon deposits on pistons can cause pinging, knocking, power loss, low gas mileage, engine damage and a check engine light
- Carbon coated throttle plate and mechanism can cause stalling, power loss, rough idling and a check engine light
- Carbon and sludge deposits on ports and valves cause compression leakage which cause fuel/air to escape the cylinder before combustion resulting in power loss, poor acceleration, low gas mileage and possible catalytic converter or engine damage

Scheduled Auto Maintenance Budget & Check List

OIL CHANGE

- 5000
- 10000
- 15000
- 20000
- 25000
- 30000
- 35000
- 40000
- 45000
- 50000
- 55000
- 60000
- 65000
- 70000
- 75000
- 80000
- 85000
- 90000
- 95000
- 100000

20 x \$30 = \$600

TRANS FLUID REFRESH

- 15000
- 30000
- 45000
- 60000
- 75000
- 90000

6 X \$30 = \$180

COOLANT SERVICE – ANTIFREEZE

- 30000
- 60000
- 90000

3 x \$100 = \$300

TIRE REPLACEMENT

- 40000
- 60000
- 90000

3 x \$300 = \$900

Replace 2 tires at a time according to the above schedule. **Use the longest wearing tires you can possibly get!**

Brakes

- 40000 Front
- 60000 Rear
- 80000 Front

3 x \$100 = \$300

On the first replacement, use new drum and rotor. The second time, use the original drum or rotors re-machined. However, this strategy depends on your specific needs or situation and may not apply to you.

AIR FILTER

- 15000
- 30000
- 45000
- 60000
- 75000
- 90000

6 x \$30 = \$180

BATTERY

- 50,000

1 X \$150

SPARK PLUGS & WIRES & FUEL SYSTEM CLEANING SERVICE

- 30000 - Plugs Only
- 60000 – Plugs & Wires
- 90000 - Plugs Only

Total - \$500

The following shows what you might expect to pay in the first 95,000 miles of servicing your vehicle in a scheduled manner using pre-emptive service techniques.

TOTAL BUDGET 0-95000 MILES

Oil Changes.....	\$600
Trans Fluid Refresh....	\$180
Coolant Service.....	\$300
Tire Replacement.....	\$900
Air Filters.....	\$180
Battery.....	\$150
Brakes.....	\$300
Plugs/Wires.....	\$500
Total.....	\$3110

The above figures are averages and may not apply to your situation or vehicle. The information provided here is purely educational and informational. It is based on research and data compiled over 40 years by Aero Hybrid Power. It is believed that following a maintenance strategy as outlined above could save you money in the long run, but no guarantee of savings is implied or warranted. Wherever possible, combining several services in a single visit can save time for the shop and for the customer which would result in a lower average cost per service item. You should discuss these items with your local independent shop to determine the most cost effective solution for you.