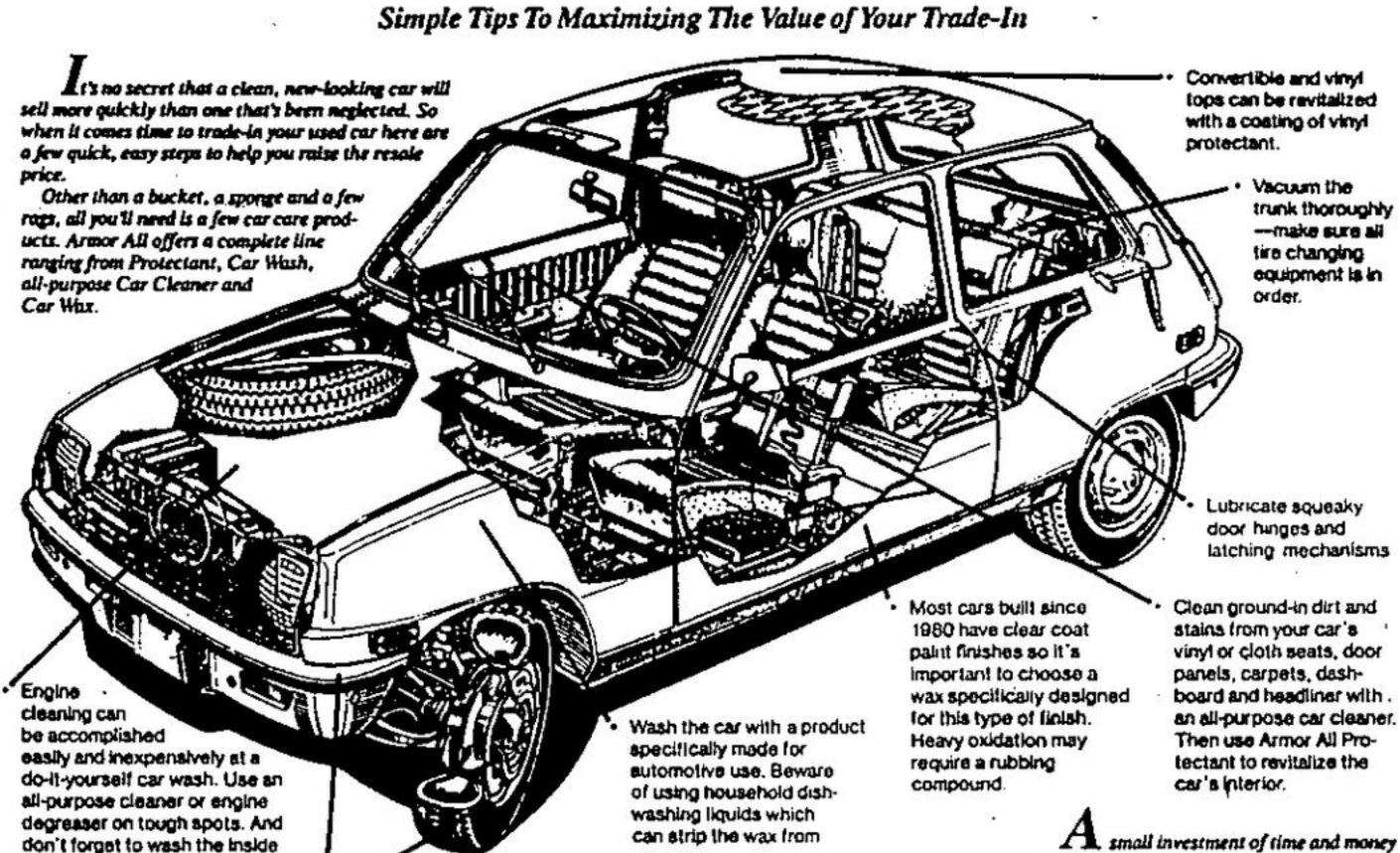
HOW TO CLEAN UP ON YOUR USED CAR



Tips on keeping your car healthy this winter

your car.

Winterizing a car does not necessarily mean an expensive trip to the auto shop or service station. Car owners can actively prolong the life of their investment and avoid skyrocketing repair costs this winter by taking advantage of one simple, effective tip for personally maintaining their car's peak performance.

Armor All Protectant will restore a new look

bumpers, trim, weather stripping and tires.

to all exterior vinys, rubber and plastic surfaces . . .

of the hood as well.

This cost-saving upkeep tip is to use fuel additives: Chemical formulas designed to eliminate stalling, sluggishness, reduced power, decreased mileage, knock, ping and run-on (dieseling) caused by carbon deposits. Over time, these deposits collect throughout the entire intake system, gradually decreasing the engine's ability to function properly. The result? Poor engine performance and expensive visits to the shop to have the deposits professionally removed - which, according to mechanics, can cost \$350 or more.

While all cars are prone to carbon deposit build-up regardless of make, model and year, today's smaller and more powerful car engines are particularly sensitive to carbon deposits, especially those equipped with fuel injectors. Fuel injectors spray the exact amount of fuel needed into each cylinder through tiny orifices to deliver maximum performance. Because these openings are so small - less than the width of a human hair - even small deposits can clog the fuel injectors, resulting in poor engine performance.

An easy, fast-acting solution is regular use of quality fuel additives which are specially formulated to combat deposit build-up. Simply pouring a fuel additive into the gas tank before fueling once a month, or every 1,000

miles, ensures peak performance and reduces time and money spent on maintenance.

However, just as all gasolines are not created equal, neither are fuel additives. According to information published by the Society of Automotive Engineers (SAE), some gasoline additives can cause more harm than good because, as they break down existing carbon deposits, they create and leave new deposits behind.

Technologically advanced products like Chevron Chemical's new Pro-care " additives are specifically designed to safely break down carbon deposits and remove them from the engine - without creating new deposits. A special ingredient in these products, Chevron's patented Techron®, gives these additives the power to remove even difficult combustion chamber deposits safely.

This innovative chemistry, developed in the company's extensive research facilities, has faced rigorous testing in what may be a car engine's toughest environment - the taxi cab. After 50,000 miles of driving with normal maintenance, 80 San Diego, California, taxicabs were disassembled for inspection in the lab. This study again confirmed that engines which used additives formulated with Techron had consistently cleaner intake and fuel metering systems than those using other additives.

These results have caused most foreign and domestic automakers - from Audi to Volvo - to recommend or approve fuel additives with Techron to fight deposit build-up.

As the days get shorter and the tem-

perature drops, fuel additives can help car owners eliminate performance problems this winter and keep engines running clean — during a season when peak performance is vital.

will free you from many of the headaches

normally associated with selling your car and you'll be surprised just how quickly

you can transform your lemon into a peach!

Cure for cooling system trouble

It's a cold day and your car's engine overheats. A paradox? Not really, says Car Care Council. Overheating, a problem generally associated with hot weather driving, can happen in any season if the engine's cooling system needs service.

A common reason for overheating, adds Car Care Council, is a clogged radiator. Under normal conditions, the cooling system should be drained and the dirty coolant replaced every year or two as a preventive measure. This is the time to flush out the system with a good chemical cleaner.

According to Car Care Council, overheating is often caused by low coolant level. Routine maintenance should include pressure testing to locate leaks and

Other causes of overheating include incorrect ignition timing, slipping fan belt or other malfunctions in the fan mechanism, faulty thermostat, a collapsed hose or a worn pressure cap.

A durable "winter coat" that shines: Doing it right means doing it once

The onset of fall often means putting the summer wardrobe into the cedar chest, replacing screens with storm windows, and pulling out the heavier blankets and flannel sheets. But it shouldn't stop there. The family car has been through a grueling summer of searing heat and ultraviolet rays, pollution, dust and rain, and deserves its fair share of winter preparation attention.

In addition to the basic steps most people take when prepping the family wagon for the changing seasons checking anti-freeze levels, checking tires, replacing windshield wipers there is a very important step some people overlook, one that not only protects their investment, but also increases the odds of the car's paint job surviving the upcoming winter storms that bring sleet, ice, snow and damaging road salt.

The first step is to wash the car thoroughly. It sounds simple, but there is one precautionary step to be taken. Always use a car wash formulated specifically for auto paint surfaces. A household dish washing liquid, which is used by more than two-thirds of people who wash their own cars, will actually promote metal corrosion because of its stronger alkalinity. For example, Rain Dance Car Wash is a Ph balanced formula designed to clean thoroughly, yet is safe for automotive use.

The next step is to apply a new coat

of wax. If you're like most people, you'll want to use a car wax that protects and shines for a long time. One product renowned for its longevity is Rain Dance Car Wax which, according to independent lab tests, has been shown to last longer than any other car wax or professional paint sealant.

"Waxing may not be the most exciting job in the world," says Rick Manoogian, marketing manager for Rain Dance Car Care Products, "but when it's time to do it, you might as well do it right. That's how Rain Dance customers feel. They're confident that not only are they getting a great shine, but that Rain Dance is the most durable and long lasting wax available. New users are always surprised how easy it is to apply, as well."

"In fact, in the development of Rain Dance, a special hi-tech measuring device was employed. It actually measures the angle of the rain drops, and thus gives an accurate reading of the amount of protection delivered by the wax," states Dr. Jim Latty, research and development director for Rain Dance Products Corporation. "That device was used to help ensure that Rain Dance actually does deliver a longer lasting shine."

"In addition," points out Dr. Latty, "a good wax job in the fall will not only give the car a great shine, but will help protect it from harsh winter conditions such as ice, sleet, mud, and snow."

Fuel injectors need special care

More cars than ever before are fuel injected. In fact, according to a recent study, 92 percent of all cars manufactured today, and one of every three cars on the road, are fuel injected. These intricate fuel delivery systems need a certain amount of special care to get you through the bitter cold of winter problem-free.

Your car's fuel injection is basically a system that electronically regulates the flow of gasoline from your car's gas tank to the engine. Deposits that clog the injectors disturb the precise balance and can result in tough starts, a lack of acceleration and a decrease in your car's fuel economy.

Although many gasolines contain fuel injector cleaning agents, deposits like carbon and varnish can still be left behind to clog your fuel delivery system. This can be especially dangerous in the winter, when it results in hesita-

tion and lack of power. Adding a specially formulated fuel injector cleaner, such as STP Super Concentrated Fuel Injector Cleaner, to a full tank of gasoline every 1,500 miles, will help keep your fuel injectors unclogged, and winter driving should be a breeze.

YEAR-OLD WIPER BLADES DUE FOR A CHANGE

Good visibility during inclement weather requires fresh. flexible wiper blades. If the ones on your car are about to celebrate their first birthday, they are probably due for a change, says Car Care Council.

And here's a tip: When you do replace the old wiper blades with new ones, regular cleaning with a mild detergent of the wiping edge can increase their efficiency...and their life.



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