

# Super Gas Saver Secrets

The main objective of this book is to reduce the costs of driving by decreasing the associated expenses.

For most people, the first thing that comes to mind is finding ways to combat the already high and often rising cost of fuel. Great idea, but by no means the whole picture.

To really get your moneys' worth from this book; from your reading time; experimenting with the options, and building or further developing the plans, you need to broaden your perspective of the costs of a vehicle, including but not limited to the fuel.

First, you must determine if you even need a vehicle. To figure this out you have to weigh the social and economic value of owning an automobile. (*see sidebar*)

For those who must have an automobile, and there are many who do, this book is filled with a wide variety of Super Gas Saver Secrets. We'll cover everything from fuel-efficient driving habits to mechanical fitness. There are projects for skilled do-it-yourselfers and scope enough for inventive types.

Work through the book in succession from simple and conventional to the more complex and unconventional. Try to avoid the temptation to skip or gloss over the early material. Being a skilled driver doesn't automatically predispose you to having good fuel-saving habits. Benefitting from fuel-saving technology begins with an attitude adjustment and evolves to mechanical modifications. Going through the whole process will yield the greatest tangible results.

You likely have a range of reasons for wanting to save fuel — all of them sound and compelling. The most powerfully motivating, however, is the bottom line. Less cash out of pocket, on fuel costs for your

home and your vehicle(s), translates directly to your amount of disposable income and quality of life. Think of it this way: Your standard of living is instantly elevated when you *need* less time and money to maintain what you have.

Further, the disciplined acts of altering your driving habits, main-training your vehicle and carrying out periodic mileage calculations will keep hundreds, possibly thousands, of dollars a year in your pocket. Less expense combined with more dollars elevates your lifestyle even more.

If you are trying to build a gas saver of your own, it is our pleasure to help you make it work.

Eagle-Research has been doing this since 1984. We've helped tens of thousands of people and thousands of people have helped us.

It is to our advantage to help you too. That way, we know what you've done and don't need to repeat your experiments or your mistakes. Your input can often confirm something that has already been tried.

It is to your advantage to contact us. You may be doing something that someone else has already done, better. You may think of something no one else has, and together, with other ideas, you may just help make a leap in the technology. This way everyone helps everyone else and the technologies develop to practical applications very quickly.

The other goal of the book is to educate the individual about the truth, viability and power of combustion enhancement technology in the hands of concerned citizens.

## Do You Really Need A Car?

In today's society it is often hard to get a job or to fully participate in one's community if you don't have a vehicle. But do you really need that vehicle? Is it worth the investment, maintenance, insurance and hassle?



Really think about this. Quite a few people own a vehicle who would be financially and physically better off without it. Take the time to figure out what your vehicle is *really* costing you. For most of us, a vehicle represents the second largest investment we will ever make.

### • 'hidden costs'

When a person invests in a vehicle, there are many 'hidden costs'. Not the least of which is the investment money itself. When you consider financing charges, interest and taxes, people who buy *new* vehicles can pay up to 6 times the purchase price of the vehicle.

As a rule of thumb, spending \$5000 on a vehicle, means needing to earn over \$10,000 in wages. A large portion of most people's wages goes to taxes; worker's compensation plans; unemployment plans and various security plans. *Don't forget that the 'employer' share of these plans counts as part of the employee wage benefits (taxes). If the employer didn't have to pay his portion, he could pay the employee a higher wage.* And don't forget the costs of being employed: you need to travel; have special clothes; lunches outside the home...

The math is startling: Because of the way interest rates work, you can pay the bank up to three times the value of the original loan. So, to buy a new vehicle you pay 3 dollars to the bank for every 1 dollar you spend on the vehicle. You needed to earn 2 dollars for every 1 dollar paid to the bank. So each dollar spent on the original purchase cost of the vehicle cost 6 dollars of earned money!



• **maintenance costs**

Another hidden cost is maintenance. If you decide to own a vehicle you must lower the various costs of its maintenance. If your vehicle lasts longer, it will cost you less per mile to drive. Your initial investment is spread out over a longer period.

The least expensive maintenance is a do-it-yourself course. Be sure your course includes instruction on doing a proper safety-check of vehicles. Even if you don't have the tools to do a full safety check at home, there is a lot you can check, often as you drive. A very modest investment in tools will reap great rewards. It could even save your life!

Even if you don't check, adjust or repair your own vehicle, having taken a simple mechanical course, you will know what needs doing.

*Millions of people are taken advantage of to the tune of billions of dollars every year and don't even know it. Your share of this hidden cost could be hundreds or thousands of dollars. Remember, for every dollar you spend, you had to earn \$2.*

If you choose not to maintain your vehicle, it will fail you when you need it. It is a sad but true fact that a vehicle will fail, most often, precisely when you need it. If you must have a vehicle, learn how to maintain it. It will be one of your best investments. A vehicle that is maintained properly will give faithful service for decades. It will also have a higher resale value.

*Rule of Thumb: Take as much time learning to maintain your vehicle as it took to learn to drive it.*

• **insurance costs**

Then there are insurance costs and fees. It is not wise to drive without insurance. This hidden cost is ruining people's financial futures, every day. If you have an accident, you could end up paying, for the rest of your life. The collective financial, emotional and probable physical stress of an accident amounts to incredible proportions. Already, more US citizens have died as a result of automobiles than have died in all the Wars that the US has fought.

It is true that a person without an automobile lacks some advantages in our society. But are the advantages worth the cost? The time that some people would save by not having to work those extra hours (to have the money to buy and maintain their vehicle) could be invested in other pleasant activities.



- Does your vehicle fit your lifestyle?
- Can you rent or borrow a larger vehicle when you need to and drive a smaller one for common trips?
- Are you paying for a lot of horsepower that you never use?

*Having a large, underworked, engine costs you in fuel as well as possible premature failure of the engine.*

- Can you take advantage of public transportation and, will that option save you money?
- Can you make use of bicycles, scooters or even walking to save fuel and vehicle costs?

*I have seen pedal-power options used on large scales around the world. Our 'American' standards sometimes blind us to very viable options.*

*I chuckle when I see an exercise bike in a home (usually unused) while the home owner runs down to the corner grocery store (sometimes more than once a day) in his or her car! (I shake my head.) 'Only in America' are such things commonplace. In America, we have only 300 million of the world's 6 billion population, but we use 30% of all energy consumed on the planet!*



- Can you shop by phone?

*Shopping by phone can be very cost effective. Not only can business get done without driving, but even if you do have to go somewhere, you know exactly where to go to get the best price.*

- Can you plan your travel to be more cost effective?

*When you do drive, plan your trip to actually have the vehicle running the least amount of time. Try to save up a few reasons to travel so that you drive once, instead of several times. A little planning can save a lot of money and frustration.*

- Can you car-pool?

*Car-pool whenever possible to prevent duplicate use of resources*

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"Desire is the key to motivation, but it's the determination and commitment to an unrelenting pursuit of your goal - a commitment to excellence - that will enable you to attain the success you seek."

- Mario Andretti,  
Italian professional  
race car driver -