

How to Get the Best Fuel Mileage of Your Car And Save Gas Money

Recent technology advancement in automotive industry has seen an upsurge in improving the fuel economy of our car engines and thus making them as efficient as they can be. Heavy investment has been poured in making the car engines as clean as possible, where exhaust emission is concerned, thus increasing the gas mileage capability of the car. This has created a new batch of vehicles with engines more fuel economical compared to engines of comparable size a decade or more ago.

We can't deny that apart from the engines alone, electronics do play an important part on the quest to reach the best mileage cars available with better fuel economy. However, with the ever going onslaught of constant and increasing fuel hike, there's no way that advances made in producing more engines with higher fuel efficiency may far exceeds with the increasing cost of gas.

Much budget and investment have been spent on research and development of better car engines with best fuel economy, which in the end may take years to recoup the cost of initial investment alone: let alone the vast manpower needed for these arduous tasks. Thus, where corners can be cut, manufacturers will, although it must be emphasized that this will not be done at the expense of the safety of the driver, passengers and other road-users.

But are there additions that may be fitted with vehicles to improve fuel economy and make them even more fuel-efficient?

Well, the good news is that there are loads and loads of gas saving devices in the open market and can help improve fuel mileage or increase gas mileage of your car and will work on your car like a charm, so to speak. These products claim to save money on gas and increase fuel efficiency of your car. But the bad news is, most of the so-called gas saving devices that purportedly claim to increase gas mileage of your car are nothing but are subject to advertising hype and thus are a waste of your time.

Hence, there are several ways you need learn to use when it comes to increasing fuel mileage of your car.

- 1) Electronic Ignition Systems
- 2) Fuel Catalysts
- 3) Free-Flow Air Filters
- 4) Tire Inflation
- 5) Other Products

Electronic Ignition Systems

This class of accessories really applies to the older vehicles that still run on the traditional contact breaker systems. Those who wish to keep vintage vehicles on the road will find that fitting a contact-less ignition system is the way to go.

Although it is not strictly a fuel-saving device, it ensures that the vehicle stays in tune and retains the fuel economy that a freshly-installed contact breaker system would provide. Minimal maintenance and consistent fuel economy result in increased gas mileage and fuel savings of your car.

Fuel Catalysts

Due to the recent increases in fuel prices, we've been getting a lot of response on this method. Suffice to say, fuel catalysts are elements you would put on your gas tank to speeds up the combustion process. This in the end will improve your car fuel efficiency and improve your gas mileage.

Some catalysts can simply be dropped into the fuel tank, while there are some that require to be installed somewhere along the fuel line, between the tank and engine.

A catalyst is a chemical, substance or compound that accelerates a chemical reaction. But it remains unchanged and is not used up during the process. When a catalyst is installed along the fuel system, it speeds up the combustion process, rendering it more complete, and allows for the complete release of energy from fuel combusted.

Installation is pretty straightforward and one-off affair. You'll recover your initial investment spent on catalyst within a short period of time, from the increased gas mileage savings of your car. Catalysts may also be used for the entire life of the vehicle, and are transferable from one vehicle to another.

The more popular fuel catalysts are made of compounds of tin and other precious metals, but the actual formulation remains a commercial secret.

They claim to promote smoother engine operation, cleaner exhaust emissions and can increase fuel mileage savings of up to 8%.

Free-Flow Air Filters

Grouped in the same category as the contactless ignition systems, free-flow air filters offer no gas mileage savings over a brand new item. Most filter elements are washable, and can be used over thousands of kilometers. After that, you may need to replace the air filter on regularly basis. According to the report on <http://www.extragas mileage.com>, studies have shown that replacing a clogged air filter can improve the mileage that you get with your car as much as 10%.

Tire Inflation

Oxygen in compressed air permeates through the wall of the tire, and inflation pressure is reduced over time. In the process, oxygen oxidizes the rubber compounds in the tire, causing under inflation and deteriorated rubber. Dry nitrogen will can prevent auto-ignition; it will not corrode rims, and can will help the tire to run cooler, resulting in longer tread life. So tire replacement costs go down.

Other Products

Fuel and lubricating oil additives claim to lower internal engine friction drag and improve combustion respectively. Some may work and some may fail considerably. It is important that the device fitted or the additive used does not destroy the catalytic converter. Neither it should void your new vehicle warranty

About the Author

Sunny Tan is a freelance Car DIY enthusiast where he reveals his hardcore gas-money pulling secrets and tactics of increasing gas mileage at <http://www.extragas mileage.com>. He also writes monthly newsletters that dispels all the mysteries lurking under the hood of your car. Check it out.

Source: <http://www.articletrader.com>