

What Are The Advantages Of Using The Hybrid Vehicles?

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What Are The Advantages Of Using The Hybrid Vehicles?

By Jackson Porter

Many people claim to worry about the environment, but continue to drive their exhaust polluting

vehicles through a thick layer of smog. Our energy resources are suffering a terrible blow and so few people are actually willing to do anything about it. One solution to consider is the use of a hybrid vehicle. They emit less pollution than a standard oil burning type and offer less gas used per mile! Imagine the savings. But that's not the only reason you should consider a hybrid.

The EPA or Environmental Protection Agency, when doing a comparison between a hybrid and regular vehicle, finds some very interesting facts. Vehicles are tested to determine what type of emissions they are polluting into the air we breathe, then they are rated by those conclusions. Among their choice vehicles, the hybrid along with SUV's and eventually minivan's are the pick of the liter! The Toyota Camry puts out more than half of what its hybrid counterpart, the Toyota Prius hybrid does, in carbon dioxide. Nitrogen oxide and hydrocarbons are diminished by two-thirds and halves supported by their green house emission rating for pollutants. With the exception of trucks, hybrid vehicles have the more favorable of ratings and top their categories over and over. When faced with the fact that hybrids put 97% less pollutants and toxins into the air when compared with gas-burning vehicles, it becomes harder to justify why we continue to drive the latter.

Hybrids are the better choice for so many reasons, including the evidence that they emit fewer pollutants and the fact that they get phenomenally better mpg, between 20 and 30 for larger engine models like trucks or SUV's and well into the 60 range for cars! Manuals traditionally get better mpg than automatics, which is evident by the Honda Insight whose automatic gets 50mpg and middle 60's for its manual. Aside from being more efficient, the greenhouse effect and fossil fuel debate would be null and void by the use of hybrid only vehicles. It's unfortunate that our vehicles only allow for 15 to 18mpg, but can that argument really justify the damage they are doing to our environment? Society as a whole needs to get serious about conserving our fuel, and hybrid vehicles are definitely a step in the right direction.

Have you ever been stuck in traffic on a hot day, in a busy city? How was the air quality around you? Could you take a deep breath and exhale on a smile? Probably not. It's not just the environment we need to concern ourselves with. Our bodies and health suffer from the effects of carbon monoxide and

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methane, being emitted into the air by our vehicles. We are doing damage to our lungs everyday. Did you know that one third of all air pollution in America is in direct relation to that which our vehicles output? Researchers are studying the effects these pollutants have on the human body as we speak and direct links to cancer are being found. Sounds scary doesn't it? Yet another reason why hybrid cars are the better, more health conscious choice.

If you could reduce the amount of carbon dioxide being polluted into the air by 10 tons, would you? The fact of the matter is, 1 vehicle getting 25mpg instead of 20mpg, would do exactly that. The EPA measures the effects these pollutants have on all living things and reports its findings on every industry. Today, with the advance in our technology, there is no reason for the continued desecration of our environment by the use of these inefficient, toxic vehicles. Yes, it's true there is much left to learn and the EPA is continually breaking ground and finding new solutions to old problems. How we put the information they provide us with, to use, is up to us. We are responsible for our world and our bodies and in the long run, it is the population as a whole who will undoubtedly have to answer for our

actions or lack thereof.

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What Are Hybrid Cars?

By Dennis Conner

Hybrid plants like corn or rice are familiar to many but hybrid cars? Are these space-age cars that do not need fuel to run or even fly in the sky?

To the uninitiated, hybrid cars may seem like an alien form or specie that requires a lot of explaining. To car and environment aficionados, hybrid cars are either bane or boon especially with the increasing fuel prices worldwide.

Hybrid cars may just be the answer of modern scientists to the rising fuel cost and the deteriorating quality of the environment. Contrary to your belief, hybrid cars are no longer new to the society as the auto industry has come up with various models of hybrid cars. Car manufacturers who have been left behind in the race for the perfect hybrid car have announced their intention to compete in the market.

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Hybrid vehicles are those that possess the dual qualities of being able to run on more than two sources of power like gasoline or battery. The first hybrid vehicles came in the form of hybrid bikes which has fuel features but can be operated using the pedal skills of the rider. Hybrid cars are more common in Europe particularly in Norway and France. Hybrid buses that are operated by overhead and by diesel when they travel in other areas without the overhead wires are also being used in Seattle. There are also hybrid submarines which run on nuclear, diesel or electric energy.

The most common hybrid vehicle is that powered by both gasoline and electricity. A hybrid car attempts to allow the owner to save on fuel while being environment friendly. However, can hybrid cars be efficient enough to provide long distance travel without being refueled or recharged?

Most gasoline-powered vehicles answer this requirement although they cause more damage to the environment because of the emissions. On the other hand, electric vehicles are more environment-friendly but can only go on a maximum of 161 kilometers until it is recharged and the recharging time is very slow. The hybrid car combines the advantages of both the gasoline-powered and the electric-powered car.

A hybrid car possesses a gasoline engine much like the ordinary gasoline powered car but the engine is much smaller, more environment-friendly due to lesser emissions and more efficient. It also possesses a very high tech electric motor which allows dual use of batteries and energy.

The hybrid car may just be in its infancy but the human mind can very well make sure that the hybrid cars will be the cars of the future.

The author is a regular contributor to Hybrid Headquarters

<http://www.hybrid-hq.com>

where more

hybrid car information is freely available.

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