

Car of the Future - Hybrid Car

Hybrid cars are one of the hottest things going these days. Hot colors, sleek styles, and less time and money spent at the gas pumps - that's what hybrid cars have to offer.

Wow! Sounds great, doesn't it? How could you not want to run right out and get one today? Maybe we should find out a bit more about hybrid cars before we run out and purchase one.

Hybrid cars are vehicles designed to run on electricity. A rechargeable energy storage system on board the vehicle and a conventional propulsion system combine to give the vehicle better gas mileage than cars running on gasoline alone.

You don't have to plug in a hybrid car to charge its battery. Hybrid cars use something called regenerative braking to create kinetic energy and charge the battery while you drive. Regenerative braking is used on hybrid gas/electric automobiles to recoup some of the energy lost during stopping. This energy is saved in a storage battery and used later to power the motor whenever the car is in electric mode. Furthermore, some hybrid cars make use of their own combustion engine to create electricity. This is done by using a spinning electrical generator. The spinning does one of two things. It can either recharge the battery or in a more direct way, it can give power to an electric motor. This motor is what then drives the vehicle.

Therefore, because this fuel-economizing vehicle can generate its own electricity, it is very different from a vehicle that is run strictly on batteries. Plus you won't have to sit around waiting for your car to charge before you can head out on your latest adventure. Just turn the key and head out.

The ability of hybrid cars to save lots of money of gas and the innovative way it powers

itself have earned the hybrid car the title of car of the future. Most automakers and many consumers seem to agree on this fact. There seems to be an increasing interest in hybrid cars as more and more people purchase them as the years go by.

If you like what you've read about the hybrid car, then go ahead. It's a good investment and step towards the future.

Source: <http://electrical-all.blogspot.in/2010/05/car-of-future-hybrid-car.html>